



JAMIA HAMDARD

(Deemed to be University) Accredited in "A" Grade by NAAC
Rank 1st in Pharmacy, 2022 by NIRF, Govt. of India



ANNUAL REPORT
2022-23

ANNUAL REPORT PREPARATION COMMITTEE

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2. Prof. S. Raisuddin, Director, IQAC & R&D CELL
3. Shri M.G. Vinod Kumar, Assistant Registrar (VCO)
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7. Shri Anish Cherian, Office of the IQAC



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Jamia Hamdard (Hamdard University)
(Deemed to be University u/s 3 of the UGC Act, 1956)
Hamdard Nagar, Delhi as
Accredited
with CGPA of 3.15 on seven point scale
at A grade
valid up to September 11, 2022*

Date : September 12, 2017



D. Singh
Director

Chancellor

Janab Hammad Ahmed

Vice-Chancellor

Prof. M. Afshar Alam

Registrar

Mr. Syed Saud Akhtar

Finance Officer

Mr. Harpal Singh

Controller of Examinations

Mr. Mirza Vazir Hussain (upto 25.11.2022)

Dean of Schools

Prof. Vidhu Aeri

**School of Pharmaceutical
Education & Research**

Prof. M. Afshar Alam

**School of Engineering
Sciences & Technology**

Prof. Farhan Jalees Ahmad

**School of Interdisciplinary
Sciences & Technology**Prof. Shibu John
(upto 8.9.2022)Prof. Reshma Nasreen
(w.e.f. 9.9.2022)**School of Management
and Business Studies**Prof. Arif Zaidi
(upto 18.2.2023)Prof. Suhail Fatima
(w.e.f. 19.2.2023)**School of Unani Medical
Education and Research**

Prof. Ajay Kumar Singh

**School of Humanities
and Social Sciences**

Prof. Manju Chhugani

**School of Nursing Sciences
and Allied Health**Prof. Shakir Ali
(upto 25.10.2022)Prof. S. Raisuddin
(we.f. 26.10.2022)**School of Chemical
and Life Sciences**

Prof. Mridu Dudeja

School of Medicine
(Hamdard Institute of Medical
Sciences and Research)

Prof. Saleena K. Basheer

School of Law

(Hamdard Institute of Legal Studies & Research)

Dean of Students' Welfare

Prof. Reshma Nasreen

Chairperson, Central Admission Committee

Prof. Suhel Parvez

Chief Proctor

Prof. M. Sarwar Alam

DECISION MAKING BODIES OF JAMIA HAMDARD (From 01/04/2022 to 31/03/2023)

GOVERNING STRUCTURE

Chancellor: Janab Hammad Ahmed

Vice-Chancellor: Prof. (Dr.) M. Afshar Alam

GOVERNING BODIES:

Board of Management

The Board of Management is the principal body of Jamia Hamdard with the following compositions:

SN	Category (composition)	Position in the BoM	Name of the Officials
1.	Vice-Chancellor	Chairman	Prof. (Dr.) M. Afshar Alam
2	Pro-Vice-Chancellor (If appointed)	Member	-
3.	Deans of Faculties / Schools of Jamia Hamdard not exceeding two (by rotation based on seniority);	Member	Prof. Shakir Ali (Term ended 26 Oct.2022) Prof. Farhan Jalees Prof. S. Mehertaj Begum
4.	Three eminent academicians other than from Institution / Sponsoring body as nominated by the Chancellor;	Member	Prof. Najma Akhtar Prof. Hem Chandra Gupta Prof. Saiyed M. Ishtiaque
5.	One Eminent academician to be nominated by the University Grants Commission;	Member	Prof. Avinash C. Pandey
6.	Two teachers (from Professors, Associate Professors by rotation based on seniority);	Member	Prof. Asgar Ali Dr.Nadimul Haque Dr. Arshad Hussain
7.	Maximum of four nominees of the Sponsoring Society	Member	1. Dr. Rashmi Saluja (Term ended) 2. Dr. S.Y. Qureshi (Term ended) 3. Prof. Iqbal S. Hasnain (Cont.) 4. Prof. Riaz Umar (Cont.) 5. Prof. D.P. Aggarwal (Cont.) 6. Prof. M. Aslam Pervez (Cont.)
8.	Registrar will be the Non-Member Secretary of the Board of Management;	Member-Secretary	Mr. S.S. Akhtar

No. of Meetings held during the period under review - 03 Emergent
Meeting of BoM on 2 April 2022
15th Meeting of BoM on 31 October 2022 Emergent
Meeting of BoM on 5 December 2022

PLANNING & MONITORING BOARD (P&MB):

Planning & Monitoring Board is the principle planning body of Jamia Hamdard which is also responsible for monitoring the development programmes of Jamia Hamdard.

Composition of the Planning & Monitoring Board:

S. No	Category (composition)	Position in the P & MB	
1	Vice-Chancellor	Chairperson	Prof. (Dr.)M. Afshar Alam
2	Pro-Vice-Chancellor (If appointed)	Member	-
3	Seven Internal Members	Member	Prof. Shakir Ali Prof. S.M. Arif Zaidi Prof. M. Amir Prof. S. Mehartaj Begum Prof. Reshma Nasreen Mr. Azhar Ali Khan Prof. Vidhu Aeri
4	Three Outside Experts	Member	Mr. Syed Zafar Mahmood, IRS (Retd.) Prof. Riaz Umar Mr. Iqbal S Hasnain
6	Registrar	Secretary	Mr. S.S. Akhtar

No. of Meetings held during the period under review - 01

i.e. 7th Meeting of the Planning & Monitoring Board held on 12 September 2022

ACADEMIC COUNCIL

The Academic Council is the principal academic body of the University which is responsible for the maintenance of standards of teaching and research and training, approval of syllabus, coordination of research activities, examinations and tests within Jamia Hamdard and exercises such other powers and perform such other duties and functions as prescribed or conferred upon it by the Rules and Regulations of Jamia Hamdard.

Composition of the Academic Council:

S. No.	Category (composition)	Position in the Academic Council	Name of the Officials
1	Vice-Chancellor	Chairperson	Prof. (Dr.)M. Afshar Alam
2	Pro-Vice-Chancellor; (if appointed)	Member	-
3	Deans of Schools / Constituent Institutions of Jamia Hamdard;	Members	Dean, School of Pharmaceutical Education & Research Dean, School of Engineering Sciences & Technology Dean, School of Chemical and Life Sciences Dean, School of Nursing Sciences & Allied Health Science Dean, School of Humanities & Social Sciences Dean, School of Interdisciplinary Sciences & Technology Dean, School of Management & Business Studies Dean, School of Unani Medical Education & Research Dean, Hamdard Institute of Legal Studies & Research/School of Law Dean, Hamdard Institute of Medical Sciences & Research
4	Heads of the Departments of Jamia Hamdard;	Members	HoD, Moalajat (Medicine) HoD, Kulliyat HoD, Tashreehul Badan (Anatomy) HoD, Ilmul Advia (Pharmacology) HoD, Ilmul Saidla (Pharmaceutics) HoD, Munafueul Aza (Physiology) HoD, Mahiyatul Amraz (Pathology) HoD, Amraz-e-Niswan wa Qabalat (Gynecology & Obsterics) HoD, Ilmul Atfal (Pediatrics) HoD, Jarahiyat (Surgery) HoD, Ain, Uzn, Anaf, Halaq wa Asnan (Eye & ENT) HoD, Amraze Jild wa Taziniyat (Skin and Cosmetology) HoD, Ilaj-bit-Tadbeer (Regimental Therapies) HoD, Tahafuzzi-wa-Samaji Tibb HoD, Botany HoD, Chemistry HoD, Biotechnology HoD, Biochemistry HoD, Med. Elm. & Toxicology Head, Centre for Clinical and Translational Research HoD, Pharmaceutical Chemistry HoD, Pharmaceutics HoD, Pharmacognosy & Phytochemistry HoD, Pharmacology HoD, Para Medical Sciences HoD, Physiotherapy HoD, Occupational Therapy HoD, Healthcare & Pharmaceutical Management HoD, Management Director, Centre for Distance and Online Education Principal, Rufaida College of Nursing HoD, Molecular Medicine HoD, Food Technology HoD, Islamic Studies Head, Centre for Federal Studies, Governance & Public Policy

			Head, Hamdard Institute of International Studies HoD, Computer Science & Technology HIMSR HoD, Anatomy HoD, Physiology HoD, Biochemistry, HoD, Pharmacology HoD, Pathology HoD, Microbiology HoD, Forensic Medicine HoD, Community Medicine HoD, General Medicine HoD, Respiratory Medicine HoD, Dermatology HoD, Psychiatry HoD, Pediatrics HoD, Gen. Surgery HoD, Orthopedics HoD, Ophthalmology HoD, ENT HoD, Obst. & Gynecology HoD, Anesthesia HoD, Radio-Diagnosis HOD, PMR HoD, Emergency Medicine HoD, Dentistry
5	Ten Professors, other than the Heads of the Departments by rotation, based on inter-seniority;	Members	1. Prof. Shahid H. Ansari, SPER 2. Prof. Asgar Ali, SPER 3. Prof. Nadeem Siddiqui, SPER 4. Prof. G.Y. Anjum, SHSS 5. Prof. Mohd. Amir, SPER 6. Prof. Ajay Kumar Singh, SHSS 7. Prof. Uma Bhandari, SPER 8. Prof. Shibli Jameel Ahmed, SPER 9. Prof. Sandhya Bawa, SPER 10. Prof. Divya Vohora, SPER
6	Two Associate Professors from the University other than HoDs by rotation based on inter-se seniority;	Members	1. Dr. Minhaj Ahmad, D/o Jarahiyat, SUMER 2. Dr. Kiran Dubey, D/o Pharmacology, SPER
7	Two Assistant Professors from the Departments by rotation of seniority;	Members	1. Dr. Noria Ahmed Farooqui, SMBS 2. Dr. Ihtiram Raza Khan, SEST
8	Three persons from amongst educationists of repute or persons from any other field related to the activities of the Institution deemed to be University who are not in the service of the Institution deemed to be university nominated by the Vice-Chancellor;	Members	1. Prof. M.N. Doja, Director, IIT Sonapat, Haryana 2. Prof. Neharika Vohra, Vice-Chancellor, Delhi skill and Entrepreneurship University (D.S.E.U) Delhi 3. 3.Dr.Pradeep Kumar Aggarwal, Chairman, Examining body for Para-Medical Training for BhartiyaChikitsa, Delhi Health & Family Welfare, Govt. of NCT Delhi
9	Three persons who are not members of the teaching staff co-opted by the Academic Council for their specialized knowledge;	Members	1. Mr. Mohammad Shoab, Librarian, HMS Central Library 2. Mr. Azam Khan, System Analyst 3. Mr. Mirza Rahil Beg, System Analyst
10	Registrar	Secretary	Mr. S. S. Akhtar

**No. of Meetings held during the period under review - 02 43
(Emergent) 25 October 2022
44th meeting held on 12 January, 2023**

Jamia Hamdard Society registered in April 1989 under the Societies Registration Act 21 of 1860 which is the Governing society of Deemed to be University

S. No.	Category	Name	Status
1	Chancellor	Mr. Hammad Ahmed	Chairman
2	Pro-Chancellor		Ex- Offico Member
3	Vice- Chancellor	Prof. (Dr.) M. Afshar Alam	Ex- Offico Member
4	Two Vice-Chancellors of the Universities to be nominated by the Chancellor;	1. Prof. Talat Ahmad Vice chancellor, University of Kashmir Srinagar (J&K) (Term ended) 2. Prof. A. D. N. Bajpai Vice- Chancellor, Atal Bihari Vajpaee Vishwavidyalaya, Bilaspur Chattisgarh 3. Prof. Tabrez Ahmed, ViceChancellor, G.D. Goenka University, Gurugram.	Members
5	For Members be nominated by the to Sponsoring Body;	1 Mr. Sajid Ahmed 2 Mr. Majid Ahmed 3 Prof. Iqbal S. Hasnain 4 Prof. M. Aslam Parvaiz	Member
6	Two Members to be nominated by the Hamdard Laboratories India (Food Division);	1 Mr. Hamid Ahmed 2 Mr. Arif Hussain	Member
7	One Representative of the Ministry of Education (MoE), Govt. of India;	-	Member
8	One Representative of the University Grant Commission;	-	Member
9	One Representative of the Government of NCT of Delhi;	The Deputy Director (SB-II) DTTE, Govt. of NCT of Delhi	Member
10	Two Members to be nominated by the Board of Management;	1. Prof. Riaz Umar Former Principal, Zakir Hussain College, New Delhi 2. Dr. Niloufer Kazmi Former Secretary, UGC	Member
11	Two Professors to be nominated by the chancellor;	1. Prof. Shakir Ali, SCLS 2. Prof. Vidhu Aeri, SPER	Member
12	One Non- Teaching member to be nominated by the Chancellor	Mr. Azhar Ali Khan Executive Engineer (Off.)	Member
13	Registrar, Jamia Hamdard	Mr. S. S. Akhtar	Non- Secretary

**No. of Meetings held during the period under review: 04 7 July 2022
11 November 2022 (Emergent)
20 December 2022 (by circulation)
24 January 2023**

FINANCE COMMITTEE

The Composition and Members in the Finance Committee is as under:

S. No.	Category (composition)	Position in the BoM
1	Vice-Chancellor	Prof. (Dr.) M. Afshar Alam
2	Pro-Vice-Chancellor	--
3	A person nominated by the Sponsoring Body;	Mr. Riaz Umar
4	Two nominees of the Board of Management one of whom shall be a member of the Board of Management;	1. Dr. Nilopher Kazmi, Former Secretary, UGC 2. Prof. Avinash C. Pandey Former VC Bundelkhand Univ. Jhansi Director, Inter-University Accelerator Centre Aruna Asaf Ali Marg, N.Delhi 110067
5	A representative of the UGC;	Dr. Dev Swarup Vice Chancellor Dr.Bhimrao Ambedkar Law University, Jaipur, Rajasthan.
6	A representative of the Delhi Administrative in case the Jamia Hamdard is receiving grants from State Govt.;	--
7	Finance Officer	Mr. Harpal Singh

No. of Meetings held during the period - 02

63 FC held on 17 October 2022

64 FC held on 17 March 2023

**Schools of Studies, Departments,
CENTRES AND ACADEMIC UNITS OF JAMIA HAMDARD (2022-23)**

SCHOOLS	DEPARTMENTS/CENTRES
School of Pharmaceutical Education and Research (SPER)	<ol style="list-style-type: none"> 1. Deptt. of Pharmaceutics 2. Deptt. of Pharmaceutical Chemistry 3. Deptt. of Pharmacognosy & Phytochemistry 4. Deptt. of Pharmacology
School of Engineering Sciences and Technology (SEST)	<ol style="list-style-type: none"> 1. Deptt. of Computer Science & Engineering
School of Interdisciplinary Sciences and Technology (SIST)	<ol style="list-style-type: none"> 1. Deptt. of Food Technology 2. Deptt. of Molecular Medicine 3. Centre for Virology
School of Nursing Sciences and Allied Health (SNSAH)	<ol style="list-style-type: none"> 1. Deptt. of Paramedical Sciences 2. Deptt. of Physiotherapy 3. Deptt. of Occupational Therapy 4. Rufaida College of Nursing
School of Unani Medical Education and Research (SUMER)	<ol style="list-style-type: none"> 1. Department of Kulliyat (Fundamentals of Unani Medicine) 2. Department of Tashreeh (Anatomy) 3. Department of Munafeul Aza (Physiology) 4. Department of IlmulAdvia (Pharmacology) 5. Department of IlmulSaidla (Unani Pharmacy) 6. Department of Mahiyatul Amraz (Pathology) 7. Department of Tahaffuziwa Samaji Tib (Preventive and Social Medicine) 8. Department of Ilaj bil Tadbeer (Regimenal Therapy) 9. Department of Ilmul Atfal (Paediatrics) 10. Department of Moalajat (Medicine) 11. Department of Jarahiyat (Surgery) 12. Department of Amraz-e-Ain Uzn, AnafWa Halaq (Eye and ENT) 13. Department of Amraz-e-Niswan wa Qabalat (Gynaecology and Obstetrics) 14. Department of Amraz-e-Jildwa Tazeeniyat (Dermatology and Cosmetology)
School of Humanities and Social Sciences (SHSS)	<ol style="list-style-type: none"> 1. Department of Islamic Studies 2. Department of Human Rights 3. Centre for Federal Studies, Public Policy and Governance 4. Hamdard Institute of International Studies
School of Management and Business Studies (SMBS)	<ol style="list-style-type: none"> 1. Deptt. of Management 2. Deptt. of Healthcare and Pharmaceutical Management 3. Deptt. of Hotel Management and Catering Technology
School of Chemical and Life Sciences (SCLS)	<ol style="list-style-type: none"> 1. Deptt. of Biochemistry 2. Deptt. of Biotechnology 3. Deptt. of Botany 4. Deptt. of Chemistry 5. Deptt. of Medical Elementology & Toxicology 6. Centre for Translational and Clinical Research
School of Law (SOL): Hamdard Institute of Legal Studies and Research (HILSR)	
School of Medicine: Hamdard Institute of Medical Sciences and Research (HIMSR)	
Independent Academic Units	Centre for Distance and Online Education (CDOE)
	Centre for Education, Training and Empowerment (CETE)
	Jamia Hamdard Residential Coaching Academy
Off campus	Kannur, Kerala

WELFARE SCHEMES / BEST PRACTICES FOR STAFF AND DETAILS OF BENEFICIARIES

Jamia Hamdard is committed to provide various welfare schemes for its staff and their families. The following are some of the welfare schemes available for the staff and their beneficiaries:

- LTC: Leave Travel Concession (LTC).
- CEA: Children Education Allowance (CEA).
- Medical facilities: Jamia Hamdard provides medical facilities for its present and retired employees and their dependents. These facilities include In-Patient Department (IPD), Out- Patient Department (OPD), as per Central Government Health Scheme (CGHS) norms/rate within empanelled hospitals.
- Timely Free Health Check up / Vaccination camp: Jamia Hamdard organizes timely free health check up / vaccination camp for its staff.
- Ambulance Facility: Jamia Hamdard has an ambulance facility for medical emergency for its staff as well as students.
- Ward Fee Concession: Jamia Hamdard offers ward fee concession in Jamia Hamdard courses as per group category. The staff can avail this concession for their wards who are admitted in any course offered by Jamia Hamdard. The concession ranges are as follows:

Group-A	50% Fee concession
Group-B	
Group-C	75% Fee concession

- Professional Development /Behavioural Training: Professional development training improve employees' present job performance and prepares them for a future career path.
- Study leave for Teaching & Non-Teaching Staff: Jamia Hamdard grants study leave to its staff for pursuing higher studies within India or abroad.
- Salary and other allowances: Jamia Hamdard, 1st Deemed to be University, which implemented the 7th CPC recommendation and pays salary and other allowances like DA, TA & HRA to its staff as per 7th CPC. The salary and allowances are revised periodically as per the government orders.
- Covid-19 period: Jamia Hamdard paid full salary to its all employees, outsource staff, security services staff, housekeeping staff, and horticulture staff during lockdown period.
- Facilities for Physiotherapy Centre: Jamia Hamdard has a Physiotherapy Centre with a team of expert Physiotherapists.
- Gym Facility: Jamia Hamdard has a gym for its staff. The gym has modern equipment and trainers for fitness and wellness activities.

- Provision of providing rooms and Campus ground for marriage and other purposes: Jamia Hamdard has provision to provide rooms and ground for marriage and other purposes on nominal concessional rates for its employees.
- Crèche Facility / Child Care Centre: Jamia Hamdard has a crèche facility for its staff. The crèche has trained staff, toys, games, books, etc. to ensure the safety and development of the children. The staff can avail this facility by paying a nominal monthly fee.
- Grievance Redressal Mechanism: Jamia Hamdard has established a proper grievance redressal mechanism for its staff. The mechanism consists of various committees such as grievance redressal committee, sexual harassment prevention committee, etc. These committees address the complaints and grievances of the staff in a fair and timely manner.
- Facility for Residential Accommodation: Jamia Hamdard provides facility for residential accommodation for its staff. The accommodation consists of flats, quarters, hostels, guest houses, etc. within the campus. The accommodation is allotted to the staff on the basis of seniority, availability and eligibility criteria. The staff can apply for accommodation by filling an application form and paying the prescribed rent and charges.
- Sewing Centre at Scholar House: imparting training to female member of staff and of nearby areas, in collaboration with BEB & Singer Sewing Machine.
- Sports facility available: for staff and their family members.
- Canteen Facility at subsidised rate: hygienic food at subsidised rate available for staff and students.
- Staff Welfare Fund for medical assistance and exigencies:
- Jamia Hamdard Employees Co-operative Thrift & Credit Society:

SCHOOL OF PHARMACEUTICAL EDUCATION & RESEARCH

Dean: Prof. Farhan Jalees Ahmad

The School of Pharmaceutical Education & Research (SPER), formerly Faculty of Pharmacy which was established as Hamdard College of Pharmacy in 1972, is one of the most prestigious institutions of Pharmaceutical Education in India with global standards and has been ranked as No. 1 amongst National Institutions Ranking Framework (NIRF) -2019, 2020, 2021 and 2022 by the Ministry of Education, Govt. of India. The School recently celebrated its glorious fifty years of existence. The School is approved and recognized by All India Council of Technical Education (AICTE) and Pharmacy Council of India (PCI). The SPER continues to build on its rich history and tradition of excellence by offering quality Pharmacy education in India.

The School offers Undergraduate (D. Pharm. & B. Pharm.), Postgraduate (M. Pharm. in Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy, Pharmaceutical Quality Assurance, Pharmaceutical Analysis, Pharmacy Practice and Pharmaceutical Biotechnology) and Doctoral (Pharmaceutics, Pharmaceutics with specialization in Pharmaceutical Quality Assurance, Pharmaceutical Chemistry, Pharmaceutical Chemistry with specialization in Pharmaceutical Analysis, Pharmacology, Pharmacology with specialization in Pharmacy Practice and Pharmaceutical Medicine, Pharmacognosy and Phytochemistry, Pharmacognosy and Phytochemistry with specialization in Pharmaceutical Biotechnology).

The School is a powerhouse of academic and research excellence in the field of Pharmaceutical Sciences. Our modern infrastructure coupled with seasoned faculty has been instrumental in providing world class pharmacy professionals to industry, academia and research based institutions across the world. The school has collaborations outside the University both from academic and research institutions as well as pharmaceutical industries.

Industry sponsored projects are also being executed for companies like Sun Pharma, Dabur Research foundation, Jubilant Life Sciences, AIMIL Pharmaceuticals, Dolphin International, Fermish Clinical Technology, GBC, Beijing, China and Ultimex Health, USA etc.

Name of the Departments under the School

1. **Department of Pharmaceutics**
2. **Department of Pharmaceutical Chemistry,**
3. **Department of Pharmacology**
4. **Department of Pharmacognosy and Phytochemistry**

The Department of Pharmaceutics offers two master's degree programs in Pharmaceutics and Pharmaceutical Quality Assurance and a Ph.D. in Pharmaceutics. The students qualifying these courses meet the current and future requirements of R&D personnel of the Pharmaceutical Industry, academia, regulatory and marketing. The research thrust areas of the department includes oral bioavailability enhancement using polymer and lipid-based approaches, transdermal drug delivery system, ocular drug delivery systems using polymeric and lipid carriers, targeted nanoparticles for brain and tumor targeting, intranasal drug delivery systems for CNS disorders, biodegradable targeted retention devices for periodontal infections, herbal drug delivery systems for psoriasis, acne and vitiligo, transmucosal drug delivery systems for proteins and antihypertensive agents. The department lays emphasis on integrated research approach on modern and indigenous drugs and their formulations. The department is well equipped, funded by various funding agencies and is supported under UGC-SAP and DST-FIST programs.

A separate Pharmacy block named CARPS (Centre for Advanced Research in Pharmaceutical Sciences) dedicated to research in advanced fields of Formulation Research and Nanomedicine, Neurobehavioral Pharmacology, Microbial and Pharmaceutical Biotechnology, Bioactive Natural Products, Drug Design and Medicinal Chemistry.

CENTRAL INSTRUMENTATION FACILITY (CIF)

The school has a well-established central instrumentation facility (CIF) having a variety of modern and sophisticated instruments like Cryogenic Transmission Electron Microscope (TEM), LC-MS, NMR (400 MHz), HPLC, HPTLC, DSC, UV-Visible spectrophotometer, FT-IR etc. Facility for interdisciplinary research namely flow cytometry, confocal microscopy, western blot analysis and electrophoresis, wet lab synthesis, Microwave-assisted Organic Synthesis (MAOS) are also available.

7. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details of equipment	Cost of equipment	Grant Name
01	Zetasizer (DLS)	29 lakhs	DST-PURSE
02	Elemental Analyzer (CHNS)	35 lakhs	DST-PURSE
03	Renovation of SPER building	14.48 crore	HNF

10 (a). Training Programmes conducted by CIF, SPER during the year 2022-2023

Sl. No.	Topic/ Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
01	"Basic Instrumentation Techniques"	5 Days (12-09-2022 To 16-09-2022)	None	14
02	"Basic Instrumentation Techniques"	3 Days (05-12-2022 To 07-12-2022)	None	23

(b) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	B. Pharm. Regular	UG	60	69
2.	B. Pharm. SFS	UG	60	71

(c) PG Diploma/Diploma/Certificate level

Sl. No.	Name of course	Level (PG Diploma /Diploma/ Certificate)	Approved intake	No. of students enrolled
1.	Diploma	UG	60	59

GOLDEN JUBILEE CELEBRATION SPER 18TH JANUARY 2023

The School of Pharmaceutical Education and Research celebrated the Golden Jubilee of its illustrious past. The journey has rewarded us today with more than 11,000 Alumni who are making an impact in Pharmaceutical Education Sector.

The School celebrated its growth and transformation with School wide events for students and faculty throughout 2022 and culminated with mega-event on 18 January, 2023.

The inaugural ceremony was held in the gracious presence of Janab Hammad Ahmad Saheb, Hon'ble Chancellor and Prof. (Dr.) M Afshar Alam, Hon'ble Vice Chancellor Jamia Hamdard. Shri Imran Hussain, Hon'ble Cabinet Minister of NCT Delhi, Food & Civil Supplies and Election was the Chief Guest.

The Golden Jubilee celebrations were attended by over one thousand Alumni across the Globe and India in person. It was heartening and overwhelming to receive and host Alumni from 1972 batch.

DEPARTMENT OF PHARMACEUTICS

1. Head of the Department: Prof. (Dr.) Yasmin Sultana

2. Faculty members: (1st April 2022 to 31st March 2023)

Sl. No.	Name (in full) with Designation	Qualification (Only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
4.	Prof. (Dr.) Yasmin Sultana (Professor)	M. Pharm., Ph.D.	-
2.	Prof. (Dr.) Asgar Ali (Professor)	M. Pharm., Ph.D.	Incharge- Internal Grievance Cell for Teaching and Non-Teaching Staff Member- Board of Management, Jamia Hamdard Member-Academic Council Jamia Hamdard Member- Board of Studies, Dept. of Pharmaceutics, Jamia Hamdard. Chairman- Jamia Hamdard Alumni Affairs Committee, wef 4 Jan.,2022 President- TAAJH- The Alumni Association of Jamia Hamdard.
3.	Prof. (Dr.) Farhan Jalees Ahmad (Professor & Dean)	M. Pharm., Ph.D.	Dean, School of Interdisciplinary Sciences & Technology Chairperson, Centre for Innovation, Incubation & Entrepreneurship Member Secretary, JH Institutional Ethics Committee Member- Board of Management, Jamia Hamdard Member-Academic Council, Jamia Hamdard Member- Board of Studies, Dept. of Pharmaceutics, Jamia Hamdard.
1.	Prof. (Dr.) Javed Ali (Professor & Head)	M. Pharm., Ph.D.	In-charge IP Management Cell, Jamia Hamdard, Convener, Patent Cell Jamia Hamdard Chairman Web Cell, Jamia Hamdard Chairman, Website Committee
5.	Prof. (Dr.) Sanjula Baboota (Professor)	M. Pharm., Ph.D.	VRS taken on 27.12.2022
6.	Prof. (Dr.) Mohd. Aqil (Professor)	M. Pharm., Ph.D.	-

			Held various positions in Jamia Hamdard: Deputy DSW: Advisor, Foreign Students Affairs, PharmaKon/Alumni Coordinator, Member, Secretary, Jamia Hamdard Alumni Committee Member, Core Committee, Centre of Vocational Studies and Training Convener, Environmental Quality Cell,
7.	Prof. (Dr.) Zeenat Iqbal (Professor)	M. Pharm., Ph.D.	
8.	Prof. (Dr.) Saima Amin (Professor)	M. Pharm., Ph.D.	-
9.	Dr. Gaurav Kumar Jain (Assistant Professor)	M. Pharm., Ph.D.	Resigned on 30.5.2022
10.	Dr. M. Aamir Mirza (Assistant Professor)	M. Pharm., Ph.D.	-
11.	Dr. Sarwar Beg (Assistant Professor)	M. Pharm., Ph.D.	On EOL, Newton Fellowship Resigned on 10.4.2023
12.	Dr. Prashant Kesharwani (Assistant Professor)	M. Pharm., Ph.D.	-
13.	Dr. Rabea Parveen (Assistant Professor)	M. Pharm., Ph.D.	Member, Examination Committee, SPER Tabulation Teacher Coordinator, SPER (B Pharm V, VI, VII, VIII Semester, SFS) Member, UAT of Academic Module, D/o Pharmaceutics, SPER Committee Member of Cultural/Sports Program, JH (Chess & Carrom)
14.	Dr. Saba Khan (Assistant Professor)	M. Pharm., Ph.D.	Tabulation Teacher Coordinator, SPER (B Pharm I, II, III, IV Semester, REG), Member, UAT Committee SPER

Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April 2022 to 31st March 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Dr. Sandeep K. Bagga	Pharmaceutics	Pharmaceutics	Drug Delivery Systems in the Bouve School of Pharmacy, Northeastern University, Boston, USA
2.	Sarabjeet Singh	Pharmaceutics	Pharmaceutics	Oral Drug Delivery, Topical Drug Delivery, Nanotechnology for oral and IV formulations

3. Programmes/Courses offered by the Department during 2022-2023

UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
3.	M. Pharm. Pharmaceutics	UG	15	15
4.	M. Pharm. Pharmaceutical Quality Assurance	UG	08	08
5.	Ph.D. Pharmaceutics	Doctoral		47
6.	Ph.D. Pharmaceutics with specialization in Pharmaceutical Quality Assurance	Doctoral		

4. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1.	ZETASIZER: Purchased through DST-PURSE grant for measuring particle size, and distribution and zeta potential determination.	28.0

5. Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Pallavi Dahiya	Development and Evaluation of nanoparticulate based herbal drug delivery system for the treatment of Glaucoma	Asgar Ali and Farhan J. Ahmad	-
2	Nazia Hassan	Design and Evaluation of Vaginal Drug Delivery System (VDDS) for the treatment of Candidal vulvovaginitis	Asgar Ali and Zeenat Iqbal	ICMR-SRF
3	Uzma Farooq	Fabrication and Evaluation of Intravaginal Drug Delivery System for Polycystic Ovarian Syndrome (PCOS)	Asgar Ali and Zeenat Iqbal	-HNF Doctoral fellowship 2021-22 from 15-09-2021 to 08.06.2022 -ICMR-RA fellowship from 15.06.2022 to 14.12.2024
4	Athar Shamim	Development of optimized drug delivery system against bacterial biofilm	Asgar Ali, Zeenat Iqbal and Mohd. Aqil	-
5	Mohammad	Design and Development of Antioxidant Nanoparticles for the treatment of Parkinson's disease	Asgar Ali and Gaurav K. Jain	ICMR-SRF fellowship
6	Farheen Fatima Qizilbash	Formulation and Evaluation of Folic acid surface Engineered Nanoemulsion of Exemestane and Quercetin in Combination for Breast Cancer Treatment	Asgar Ali, Sanjula Baboota and Javed Ali	ICMR-SRF fellowship
7	Bushra Jabi	Design and Fabrication of Dermal Gel containing Ultra-deformable Nano-Ethosomes loaded with Hesperetin for amelioration of Skin Cancer	Asgar Ali Mohd. Aqil and Mohd. Mujeeb	DST-PURSE
8	Samreen Jahan	Multifactorial approach of sesamol and 5-fluorouracil co-incorporated transliposomal gel using QbD for management of skin cancer	Asgar Ali, Mohd. Aqil and Mohd. Mujeeb	-
9	Zufika Qamar	Engineering Transferrin- conjugated Nanostructured lipid carrier of Docetaxel and quercetin combination for Brain Targeting via Intranasal route for the treatment of Glioblastoma Multiforme	Asgar Ali and Sanjula Baboota	DST-PURSE
10	Neha Tyagi	Green Synthesis and Evaluation of albumin coated superparamagnetic iron nanoparticles (SPIONs) conjugated with tamoxifen as theranostic in the breast cancer therapy	Asgar Ali and Kanchan Kohli	-
11.	Karishma Khan	Development and characterization of rivastigmine and curcumin loaded polymeric nanoformulation for enhanced oral bioavailability and for the management of Alzheimer's disease	Yasmin Sultana, Mohd Aqil, Divya Vohora, and Jamshed Haneef	-
12.	Saeem Ahmad	Development, characterization and preclinical evaluation of Alectinib and Hesperitin Loaded Nanovector against Lung Cancer	Yasmin Sultana and Mohd Aqil	ICMR SRF

13.	Anjali	Formulation and evaluation of polymeric nanoformulation for the management of invasive fungal disease	Yasmin Sultana, Divya Vohora and Kanchan Kohli	DST-PURSE
14.	Priya Gupta	Combinatorial nanocarrier based drug delivery system for enhanced therapeutic efficacy of exemestane and thymoquinone in the treatment of breast cancer	Yasmin Sultana, Mohd Aqil and Kanchan Kohli	DST-PURSE
15.	Niha Sultana	Dissolving microneedle Transdermal patch loaded with bipartite nanotransfersomes of Risedronate and Ursolic acid for osteoporosis	Mohd. Aqil, Yasmin Sultana and Mohd. Mujeeb	UGC-MANF
16.	Asad Ali	Dual drug loaded intranasal thermosensitive nanoliposomes of fluoxetine and embelin for the management of depression	Mohd. Aqil, Yasmin Sultana and Mohd. Mujeeb	DST PURSE
17.	Ayesha Khan	Bipartite glycosomal nanogel of amitriptyline and capsaicin for amelioration of diabetic peripheral neuropathy	Mohd. Aqil, Yasmin Sultana and Mohd. Mujeeb	DST PURSE
18.	Zeba Maqsood	Bipartite Apigenin and Diclofenac Sodium Loaded Deformable Elastic Nanovesicles for the Management of Skin Cancer	Mohd. Aqil, Yasmin Sultana and Farhan Jalees Ahmad	-
19.	Shadaan Ahmad	Novel Cannabis and its derivative based nanoformulation for the management of cancer associated pain	Mohd. Aqil and Abul K. Najmi	-
20.	Apeksha Gupta	pH-responsive nanogels of fluocinolone acetonide for psoriasis	Saima Amin and Kanchan Kohli	UGC NET
21.	Meraj Alam	Development and evaluation of dual drug loaded lipid based nanoformulation for the management of psoriasis	Saima Amin	CSIR
22.	Zoya Saifi	Oral delivery of surface engineered thiolated chitosan bioceramic nanoparticles of risedronate for osteoporosis	Saima Amin and Divya Vohra	DST PURSE
23.	Rama KP	Formulation and Evaluation of dual drug loaded NLC for effective treatment of breast cancer	Saima Amin, Showkat R Mir, and Moshahid Alam Rizvi	-
24.	Umme Jiba	Design and evaluation of novel nanostructured lipid composite gel for transdermal drug delivery in osteoporosis	Saima Amin and Farhan Jalees Ahmad	-
25.	Md Rizwanullah	Development of polymer based nanoformulation for improved oral efficacy of anti-cancer agent	Saima Amin and Moshahid Alam Rizvi	CSIR
26.	Abdul Muheem	Design of combinatorial anti-HIV agents loaded surface modified nanostructured lipid formulation with an efflux modulator	Javed Ali and Sanjula Baboota	DST PURSE
27.	Nida Nehal	Combinatorial Approach for Delivery of Palbociclib and gingerols Loaded Functionalized Lipid Carrier for Active Targeting and Synergistic Efficacy Against Breast Cancer	Javed Ali and Sanjula Baboota	DST PURSE
28.	Aashish	Development, characterization and evaluation of anti-HIV agent(s) loaded lipid-based nanocarriers with drug efflux inhibitor for oral bioavailability enhancement	Javed Ali and Sanjula Baboota	CSIR
29.	Saif Ahmad	Combinatorial approach for delivery of anti-Alzheimer agents loaded nanostructured lipid carriers for targeted and synergistic efficacy.	Javed Ali, Pirthi Pal Singh, Suhel Pervaz and Sanjula Baboota	-

30.	Harshita Singh	Development and evaluation of drug-loaded nanostructured lipid carrier (NLC) for treatment of skin cancer.	Javed Ali, Sanjula Baboota and Rabea Parveen	-
31.	Ajay Pratap Singh Chauhan	Development and evaluation of dual drug-loaded nanostructured lipid carrier (NLC) for antiepileptic agents.	Javed Ali, Sanjula Baboota and Saba Khan	-
32.	Yasmeen	Ligand aided formulation development of dermal targeted combinatorial nanostructured lipid carrier of doxorubicin and berberine for the treatment of skin cancer.	Sanjula Baboota and Javed Ali	ICMR SRF
33.	Devika	Formulation and evaluation of Non-invasive Nose-to-Brain delivery of L-DOPA and Resveratrol combination therapy using lactoferrin-conjugated biopolymeric nanoparticles for targeted treatment of Parkinson's Disease.	Sanjula Baboota and Javed Ali	Savitribai Jyotirao Phule Fellowship for Single Girl Child (SJSGC) under UGC
34.	Vikram	Combination therapy for the treatment of glioblastoma	Sanjula Baboota and Javed Ali	-
35.	Ahsan Ali	Oxaprozol loaded topical nanoemulsion for the management of Osteoarthritis	M Aamir Mirza and Zeenat Iqbal	DST PURSE
36.	Afsana	Biomimicking aptamer grafted cell membrane coated dendrimer as a next generation clinically targeted nanodrug delivery system against cancer stem cells EpCAM for triple negative breast cancer (TNBC) therapy	Prashant Kesharwani	ICMR-SRF
37.	Mahak Fatima	Tailoring virus mimicking polymeric nanoparticles as an ingenious mitochondrial directed drug delivery system for the treatment of triple negative breast cancer (TNBC)	Prashant Kesharwani	-
38.	Jyoti	Targeted smart hybrid nanosystem as a multifunctional approach in the treatment of skin cancer	Prashant Kesharwani and Farhan Jalees Ahmad	ICMR
39.	Mohd Shoab Ali	Mitochondrial targeting based combinatorial approach using cubosomal gel as a novel drug delivery system against non-melanoma	Prashant Kesharwani	-
40.	Abdur Rahman	Investigation of nanofibers as a versatile putative tool for drug delivery	Zeenat Iqbal and Mohd. Aamir Mirza	-
41.	Sukhmeet	Design and Development of Mesoporous Bioglass Nanoparticles for Bone regeneration	Farhan Jalees Ahmad	--
42.	Yasir	Design and Development of Donepezil And Piperine Loaded Depo-Nanospheres for the Management of Alzheimer's Disease	Farhan Jalees Ahmad	--
43.	KM Rafiya	Leucocyte membrane coated nanoparticles- for the targeted treatment of solid tumor.	Farhan Jalees Ahmad	--
44.	Irfan Ali	Entacapone and Q-10 loaded self-nan-emulsifying system for the Parkinson's disease	Farhan Jalees Ahmad	UGC SAP
45.	Mohd. Shahrukh	Design & Development of novel combinatorial drug loaded nano formulation for the amelioration of Alzheimer's Disease	Farhan Jalees Ahmad	CSIR NET
46.	Suma Saad	Thermosensitive nano-formulation for solid tumor	Farhan Jalees Ahmad	ICMR
47.	Dhara Lakdawala	Targeted delivery of anti-alzheimer drugs loaded lipidic nanoparticles to the brain	Farhan Jalees Ahmad	DST WOSA

6. PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1.	Mohd Danish Ansari	Development of novel vesicular Spanlastics nanoformulation for bioavailability enhancement of Raloxifene via transdermal route for the management of Osteoporosis	28 Sep 2022	Yasmin Sultana
2.	Iram Khan	Development and evaluation of nanofibres for the targeted release of anti-tumor drug in the cerebral cavity	20 Feb 2023	Yasmin Sultana
3.	Ali Sartaj	Lipid Nanocarrier System for Bioavailability Enhancement of Ribociclib	19 Dec 2022	Javed Ali
4.	Saurabh Mittal	Lactoferrin conjugated combination therapy of temozolomide and resveratrol co-loaded nanostructured lipid carrier for the treatment of glioblastoma	26 Dec 2022	Sanjula Baboota
5.	Nupur Srivastava	Formulation and evaluation of tamoxifen and resveratrol loaded self-nanoemulsifying drug delivery system (SNEDDS) for the treatment of breast cancer.	27 Mar 2023	Sanjula Baboota
6.	Ayesha Waheed	Lyotropic Liquid Crystalline Nanoconstructs based Targeted Drug Delivery System of Apigenin for the Management of Skin Cancer	20 Feb 2023	Mohd. Aqil
	Mohsin Qureshi	Dermal nanogel formulation of berberine for amelioration of acne vulgaris lipid carrier for the treatment of glioblastoma	09 Mar 2023	Mohd. Aqil
8.	S M Kawish	Nanocarrier approach for delivery of therapeutics for tumor management	15 May 2023	Farhan Jalees Ahmad
9.	Nupur Garg	Design and Development of an efficient rapid diagnostic technique for Mycobacterium leprae	03 Mar 2023	Farhan Jalees Ahmad
10.	Saman Fatima	Designing and evaluation of novel nanoformulation of antioxidants in cerebral ischemia	17 Aug 2022	Farhan Jalees Ahmad
11.	Pooja Jain	Investigation of a low dose sequentially delivered system directed towards periodontitis and its efficacy in developed animal model	20 Mar 2023	Zeenat Iqbal

6. (a) Seminars/Symposium/Conferences/Workshops/CME/facultydevelopment programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	One Day Workshop on- "Nano Particle Characterization by Dynamic Light Scattering"	23 Sep 2022	Jointly organized by Dept. of Pharmaceutics, SPER, Jamia Hamdard, and Anton Paar India Pvt. Ltd.	200
2	One day seminar on Cancer Therapeutics and Drug Delivery	15 Dec 2022	Organised by UGC SAP DRS-II, Department of Pharmaceutics, School of Pharmaceutical Education & Research (SPER), Jamia Hamdard, New Delhi.	300

3	International Conference on Nanotechnology & Drug Delivery (ICNDD-23)	09-10 Feb 2023	Organised by UGC-SAP, Department of Pharmaceutics, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi., at Convention Centre, JH.	250
4.	SPER Golden Jubilee Cricket Tournament	9-13 Jan 2023	Ansari Hospital	128
5.	Seminar on innovation, incubation & entrepreneurship (as chairman)	01 Sep 2022	CIIE and UGC SAP	85
6.	Workshop on Nano Particle Characterization	23 Sep 2022	UGC SAP	125
7.	International Seminar on Cancer Therapeutics and Drug delivery	15 Dec2022	UGC SAP	75
8.	International conference on nanotechnology and drug delivery	9-10 February 2023	UGC SAP	135
9.	Conducted PharmaKon LectureSeries	24 Aug 2022- 13 Dec 2023	Jamia Hamdard	200
10	One Day Workshop on IPR Issues and Patenting of Herbal Drugs	22 Nov 2022	Centre of Excellence (CoE) in Unani Medicine, SPER	120

6. (b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Asgar Ali	one day online Workshop on – “Cloud-based Hands-on Workshop: Rational Computational Drug Design Approaches”	4 May 2022	Organized by School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi. In Collaboration with – Schrodinger.
2	Asgar Ali	Orientation-“Education Conference-2022: Education and Nation Building: A way Forward”	2-3 Jul 2022	Convention Centre, Jamia Hamdard, New Delhi, Organised by Jamia Hamdard and Alliance for Economic and Educational Development of the Underprivileged
3	Asgar Ali	“CoE National Workshop 2022 on –Competency Development of AYUSH Professionals”	27-29 July 2022	Organized by Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology) Bioactive Natural Product Laboratory, Jamia Hamdard, New Delhi.
4	Asgar Ali	One Day Workshop on- “Nano Particle Characterization by Dynamic Light Scattering”	23 Sep 2022	Jointly organized by Dept. of Pharmaceutics, SPER, Jamia Hamdard, and Anton Paar India Pvt. Ltd.
5	Asgar Ali	Workshop type- IP Awareness/Training program” under- National Intellectual Property Awareness Mission,	13 Feb 2023	Jointly organized by Intellectual Property Office and MoE’s Innovation Cell, India.
6	Asgar Ali	National Workshop-cum-Hands on Training on Pharmacovigilance- Industry practices	16 Feb 2023	Organized by Department of Pharmacology, SPER, Jamia Hamdard, New Delhi and International Society of Pharmacovigilance, South Asia Chapter, at Convention Centre, Jamia Hamdard, New Delhi.

7	Asgar Ali	Two days online Workshop on "Cloud-based Hands-on Workshop: Computationally Driven Drug Design Workflows"	29-30 Mar 2023	Organized by Dept. of Pharmaceutical Chemistry, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi. In Collaboration with Schrodinger Inc. USA.
8	Saba Khan	International IASTAM Conclave, Multi-Targeted Therapeutics in Unani and Ayurvedic Medicines & Food Supplements	29-30 Jul 2022	Organized by Department of Pharmacognosy, SPER, Jamia Hamdard New Delhi, India
9	Saba Khan	One week training Programme on NMR- "Mapping Molecules with Magnet"-DST STUTI	28 Oct- 3 Nov 2022	Organized by SPER, Jamia Hamdard PMU, New Delhi, India
10	Prashant Kesharwani	Online 10 th Faculty Induction Programme at UGC HRDC Dr. Hari Singh Gour Central University, Sagar MP	15 Jul- 12 Aug 2022	Dr. Hari Singh Gour Central University, Sagar MP
11	Prashant Kesharwani	Refresher Course (RC13-22) on "Indian thinker And their contribution in social harmony" at UGC HRDC Dr. Hari Singh Gour Central University, Sagar MP	14 Sep- 27 Sep 2022	Dr. Hari Singh Gour Central University, Sagar MP
12	Rabea Parveen	Workshop on Competency development of AYUSH Nationals	27-29 Jul 2022	Organized by Centre of Excellence in Unani Medicine (Pharmacognosy & Pharmacology), BNPL, SPER, Jamia Hamdard
14	Rabea Parveen	One week training Programme on NMR- "Mapping Molecules with Magnet"-DST STUTI	28 Oct- 3 Nov 2022	organized by SPER, Jamia Hamdard PMU, New Delhi, India

7. Invited Lectures/Talks (2022-2023) in the Department

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Manas Ranjan Rout Chief Executive Officer and Director, Cognitrex Consultants Pvt. Ltd.	I am a Pharmacist - Do I know my Industry?	24 Aug 2022	-	100
2	Mr. Vipin Sharma PharmaExpert.	Enhancing the Quality Compliance and GMP Knowledge	31 Aug 2022	-	120
3	Dr. Ayesha Rahman Ahmed, Scholarly Assistant Professor College of Pharmacy & Pharmaceutical Sciences Washington State, University Spokane, Washington, USA	Overview of Drug Discovery & Development in United States	22 Sep 2022	-	-
4	Dinesh Saluja General Manager (Sales & Marketing) Glenmark	Career Planning in Pharmaceutical Industry	29 Sep 2022	-	90

5	Ms. Anubhuti Rautela Chief Operating Officer SIEC Education	Session on Careers Abroad	15 Oct 2022	-	100
6	Mr. Ahmad Ali Salim Knowledge Management Associate at ZS Gurugram, India.	Learn Interview Etiquettes	15 Oct 2022	-	100
7	Prof. (Dr.) Roop K. Khar Principal, BS Anangpuria Institute of Pharmacy Mentor, IPA, Delhi Branch	'Milestones the Indian Pharma Industry faced while Growing'	24 Nov 2022	-	75
8	Dr. Abhishek Gulati Principal Scientist (Scientific Director), Quantitative Pharmacology & Pharmacometrics, Mercks & Co. Inc.	'Mechanistic Modeling in Drug and Development: The Why and The How?'	28 Nov 2022	-	80

8. Visits by Distinguished persons/Foreign faculty or delegates to the University/ Schools/ Deptt. / Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt. /Centre	Date
1.	Dr. Eman Aldosari	King Saud University	Exchange/ Joint Project from King Saud University under Distinguished Scientist Fellowship Program to Prof. Javed Ali	Dept. of Pharmaceutics, School of Pharmaceutical Education and Research	09-10 Mar 2023
2.	Dr. Ashish Sharma	Executive Director, Clinical Pharmacology group at Boehringer Ingelheim, Danbury, Connecticut, USA	Interaction with students and handholding as an alumnus	Dept. of Pharmaceutics, School of Pharmaceutical Education and Research	28 May 22
3	Ms. Snigdha Santra	Head Business Insights and Strategy Chugai Pharma USA Inc	Interaction with students and handholding as an alumnus	Dept. of Pharmaceutics, School of Pharmaceutical Education and Research	9 Dec 22
4	Mr. Kinshuk Saxena	Novartis	Interaction with students and handholding /guidance providing to current students	Dept. of Pharmaceutics, School of Pharmaceutical Education and Research	9 Dec 22

9. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1.	Javed Ali	Optimization and Characterization of Nanoparticulate Drug Delivery System for Poorly Water-Soluble Drugs associate with low bioavailability, King Saud University, Riyadh, 60,000 US \$	01 Aug 2023	31 Dec 2023	Ongoing	Nil
2	Yasmin Sultana	Surface Engineered Cyclodextrin/ Phospholipid Inclusion Complex Tagged Esketamine Loaded Nanofibers For Effective Oral Delivery For Treatment-Resistant Depression (TRD) DST SERB 905970 INR	16 Aug 2021	15 Aug 2023	Ongoing	JRF-01
3	Prashant Kesharwani	Aptamer engineered smart multifunctional dendrimer-BSA nano-architectures targeting stem cell marker CD133 for triple-negative breast cancer therapy, ICMR, 35 Lakhs	18 Jan 2021	17 Jan 2024	Ongoing	01
4	Farhan Jalees Ahmad	Dual drug (synthetic and natural anti-cancer molecules) loaded targeted nanoparticles used in the chemotherapy of drug resistant solid tumor: development of a nanotechnology platform.	2018	2023	Ongoing	01 JRF
5	Farhan Jalees Ahmad	To Perform Shelf Life studies and Animal safety Studies of selected Unani Formulations as per ICH/OECD Guidelines, CCRUM 42.38 LAKH	2022	2025	Ongoing	01-JRF and 01-SRF
6	Zeenat Iqbal	Design, Development and Evaluation of Novel Immuno-modulatory RTD (Ready to Dispense) Formulations UNIM 2020A and UNIM 2020B and UNIM 2020C (Rs. 32,42,400)	23 Feb 2023	2027	Ongoing	Nil
7	Zeenat Iqbal	Fabrication and optimization of Minocycline nanofiber with incorporated biofilm disruptor as a potential tool for periodonto-therapy. (Tentative- 45 Lakhs)	21 Feb 2023	2027	Ongoing	Nil

10 Consultancy Projects taken up by the faculty members (2022-2023)

Sl. No.	Name of faculty Member of Deptt./Centre	Details of the Project/Title	Funds generated (Rs. in Lakh)
1.	Javed Ali	King Saud University, Riyadh	65,000 US \$
2.	M Aamir Mirza and Zeenat Iqbal	Evaluation of hepatoprotective potential of Herbo-mineral Ayurvedic product, Venkateswara Ayurveda Nilayam Limited, AP, India	2.8

11. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1	Indian Patent No.: 420149	"A Colorimetric sensor for detecting oxytocin and a method thereof"	Sarushi Rastogi, Vasudha Sharma and Farhan Jalees Ahmad,	2022	Granted
2	Australian Patent No.: 2021104945	"A Colorimetric sensor for detecting oxytocin and a method thereof"	Sarushi Rastogi, Vasudha Sharma and Farhan Jalees Ahmad,	2022	Granted
3.	Indian Patent Application No.: 202111059333	A formulation comprising protein assembled nano-vehicle encapsulating neurotherapeutic agent and method for preparation thereof	Saman Fatima, Mohamed Samim, S Pervez, MZ Abdin, Farhan Jalees Ahmad,	2022	Filed

12. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof (Dr.) Javed Ali (Professor & Head)	<p>Unraveling enhanced brain delivery of paliperidone-loaded lipid nanoconstructs: pharmacokinetic, behavioral, biochemical, and histological aspects, Joint, Authors; Saleha Rehman, Bushra Nabi, Tahira Khan, Ashif Iqbal, Ankita Pathak, M. Shahar Yar Mohammad Javed Ansari, Sanjula Baboota, Javed Ali, Drug Delivery, 29(1). Published online on 09 May, 2022.. ISSN: 1999-4923. Scopus/UGC-CARE listed/Peer Review</p> <p>Combinatorial delivery of Ribociclib and Green tea extract mediated nanostructured lipid carrier for oral delivery for the treatment of breast cancer synchronizing <i>in silico</i>, <i>in vitro</i>, and <i>in vivo</i> studies. Joint, Authors: Ali Sartaj, Annu, Meraj Alam, Largee Biswas, Mohammad Shahar Yar, Showkat Rasool Mir, Anita Kamra Verma, Sanjula Baboota, Javed Ali, Journal of Drug Targeting 30:10, 1113-1134, Published online: 05 Aug 2022, ISSN 1061-1186X. Scopus/UGC-CARE listed/Peer Review</p> <p>A Technical Note on Emerging Combination Approach Involved in the Onconanotherapeutics, Joint, Authors: Mohammad Kashif Iqbal, Harsimran Kaur, Shadab Md, Nabil A Alhakamy, Ashif Iqbal, Javed Ali, Sanjula Baboota Drug Delivery. 29:1, 3197-3212, Date of Publication 31 Dec 2022. ISSN: 1999-4923. Scopus/UGC-CARE listed/Peer Review</p> <p>Optimized solid self- nanoemulsifying system: A potential nanoplatform for enhancing anti-tumor activity of combination of tamoxifen and resveratrol for treatment of breast cancer, Joint, Authors: Nupur Shrivastava, Ankit Parikh, Rikeshwer Dewangan, Largee Biswas, Anita Kamra Verma, Saurabh Mittal, Javed Ali, Sanjay Garg, Sanjula Baboota (2022). Pharmaceutics. 14(7): 1486, Published online 2022 18 July 2022, ISSN: 1999-4923. Scopus/UGC-CARE listed/Peer Review</p> <p>DoE engineered Development and Validation of an RP-HPLC Method for Simultaneous Estimation of Temozolomide and Resveratrol in Nanostructured Lipid Carrier, Joint, Authors: Saurabh Mittal, Sanjula Baboota and Javed Ali, Journal of AOAC International. 105(5): 1258–1267, Published on: 20 April 2022. ISSN:1060-3271. Scopus/UGC-CARE listed/Peer Review</p>

2.	Prof (Dr.) Asgar Ali (Professor)	<p>In-Silico Guided Nanoformulation Strategy for Circumvention of <i>Candida albicans</i> Biofilm for effective therapy of candidal vulvovaginitis. Joint, Authors; Nazia Hassan, Uzma Farooq, Ayan Kumar Das, Kalicharan Sharma, Mohd Aamir Mirza, Suhail Fatima, Omana Singh, Mohammad Javed Ansari, Asgar Ali* and Zeenat Iqbal, ACS Omega, 2023; 10 Published online: 10 Feb., 2023. http://doi.org/10.1021/acsomega.2c07718, ISSN:2470-1343. Scopus/UGC-CARE listed/Peer Review</p> <p>Natural Medicine a Promising Candidate in Combating Microbial Biofilm, Joint, Authors; Athar Shamim, Asgar Ali*, Zeenat Iqbal*, Mohd Aamir Mirza*, Mohd Aqil, S.M. Kawish, Ayesha Siddique, Vijay Kumar, Punnoth Poonkuzhi Naseef, Abdulkhaliq Ali F. Alshadidi and Mohamed Saheer Kuruniyan, Antibiotics, 299(12), Published online 02 Feb., 2023, https://doi.org/10.3390/antibiotics12020299, ISSN:0021-8820. Scopus/UGC-CARE listed/Peer Review</p> <p>Development of Forskolin and rutin-loaded polymeric nanoparticles for enhancement of topical ocular delivery: Optimization, in-vitro, ex-vivo, and toxicity evaluation, Joint, Authors; Pallavi Dahiya, Ameerduzzafar Zafar, Farhan Jalees Ahmad, Mohammad Khalid, Asgar Ali, Journal of Drug Delivery Science and Technology, 20232; 20 Published online 20 Feb., 2023, https://doi.org/10.1016/j.jddst.2023.104292, ISSN:1773-2247. Scopus/UGC-CARE listed/Peer Review</p> <p>Superparamagnetic Iron-Oxide Nanoparticles Synthesized via Green Chemistry for the Potential Treatment of Breast Cancer, Joint, Authors; Neha Tyagi, Priya Gupta, Zafar Khan, Yub Raj Neupane, Bharti Mangla, Nikita Mehra, Tanya Ralli, Abdulsalam Alhalmi, Asgar Ali, Omkulthom Al Kamaly, Asmaa Saleh, Fahd A. Nasr, Kanchan Kohli, Molecules, 2023; 28: 2343. Published: 3 March., 2023, https://doi.org/10.3390/molecules28052343, ISSN:1420-3049. Scopus/UGC-CARE listed/Peer Review</p>
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11.	Prof (Dr.) Zeenat Iqbal (Professor)	<p>Quality by Design Assisted Optimization and Risk Assessment of Black Cohosh Loaded Ethosomal Gel for Menopause: Investigating Different Formulation and Process Variables. Joint Authors; Sradhanjali Mohapatra, Mohd. Aamir Mirza, Sayeed Ahmad, Uzma Farooq, Mohd. Javed Ansari, Kanchan Kohli, Zeenat Iqbal. <i>Pharmaceutics</i>, 15(2):465. Published online on 12 Feb 2023. ISSN: 1999-4923. Scopus/UGC-CARE listed/Peer Review</p> <p>In Silico Guided Nanoformulation Strategy for Circumvention of Candida albicans Biofilm for Effective Therapy of Candidal Vulvovaginitis. Joint authors; Nazia Hassan, Uzma Farooq, Ayan Kumar Das, Mohd. Aamir Mirza, Suhail Fatima, Omana Singh, Mohammad Javed Ansari, Asgar Ali, and Zeenat Iqbal. <i>ACS omega</i>.22(1). Published online on 10 Feb 2023. ISSN: 2470-1343. Scopus/UGC-CARE listed/Peer Review</p> <p>Exploration of a W/O Nanoemulsion for Antibiofilm Activity against Cariogenic Enterococcus faecalis. Joint Authors; Manvi Singh, Abdul Rehman, Nazia Hassan, Abdul Anfeey Faheem, Ayan Das Mohammad Akhlaquer Rahman, Mohammad Javed Ansari, Nilima Sharma, Mridu Dudeja, Mohd Aqil, Mohd. Aamir Mirza and Zeenat Iqbal. <i>ACS Omega</i>, 21 (2) Published online on 11 Jan 2023. ISSN: 2470-1343. Scopus/UGC-CARE listed/Peer Review</p> <p>Qbd based and Box-Behnken design assisted Oral delivery of stable lactone (active) form of Topotecan as PLGA nanoformulation: Cytotoxicity, pharmacokinetic, in vitro, and ex vivo gut permeation studies. Joint authors; Tahir Khuroo, Arshad Khuroo, Afzal Hussain, , Mohd. Aamir Mirza, Amulya Kumar Panda, Javid Wani, Zeenat Iqbal. <i>Journal of Drug Delivery Science and Technology</i>. 77:103850. Published online on 1 Nov 2022. ISSN: 2588-8943. Scopus/UGC-CARE listed/Peer Review</p> <p>Resveratrol from Dietary Supplement to a Drug Candidate: An Assessment of Potential. Joint authors; Shivani Khattar, Sauban Ahmad khan, Sayed Amar Zaidi, Darvishikolour M, Uzma Farooq, Naseef PP, Kurunian M S, Mohmmad Zaafar Khan, Athar Shamim, Mohd. Mahish Khan, Zeenat Iqbal. <i>Pharmaceutics</i>. 15(8):957. Published online on 1 Aug 2022. ISSN: 1424-8247. Scopus/UGC-CARE listed/Peer Review</p> <p>Simultaneous estimation of paclitaxel and erlotinib in plasma by liquid chromatography/(+) electrospray tandem mass spectrometry: application in formulation development and pharmacokinetics. Joint Authors; Tahir Khuroo, Umme Atifa, Arshad Khuroo, Mohd. Aamir Mirza, Asgar Ali, Zeenat Iqbal. <i>Drug Development and Industrial Pharmacy</i>. 48(7):292-300. Published online on 3 July, 2022. ISSN: 0363-9045. Scopus/UGC-CARE listed/Peer Review</p> <p>Quality and In Vivo Assessment of a Fulvic Acid Complex: A Validation Study. Joint Authors; Rahmuddin Khan, Pooja Jain, Foziyah Zakir, Mohd. Aqil M, Sameer Alsheri, Mohd. Aamir Mirza, , Zeenat Iqbal. <i>Scientia Pharmaceutica</i>. 90(2):33. Published online on: 19 May 2022.ISSN: 0036-8709. Scopus /Peer Review</p>
12.	Dr. Rabea Parveen (Assistant Professor)	<p>Metabolite Profiling, Stability Testing, Pharmacokinetics, and In Vivo Pattern Recognition Analysis of Arq-e-Keora: A Traditional Unani Formulation. Joint Authors: Sultan Zahiruddin, Abida Parveen, Rabea Parveen, Asim Ali Khan, Sayeed Ahmad. <i>Journal of AOAC International</i>. 106(1): 212-220. Published on 1/1/2023. ISSN 1060-3271. Scopus/UGC-CARE listed/Peer Review.</p> <p>Nephroprotective potential of Sharbat-e-Bazoori Motadil (sugar-free) in HEK-293 cells and Wistar rats against cisplatin induced nephrotoxicity. Joint Authors: Mohammad Umar Khan, Sultan Zahiruddin, Parakh Basist, Anuja Krishnan, Rabea Parveen, Sayeed Ahmad. <i>Journal of King Saud University-Science</i>. 34(3):101839. ISSN: 2213-686X. Publication date 1/4/2022. Scopus/UGC-CARE listed/Peer Review.</p>

13.	Dr. Sarwar Beg (Assistant Professor)	<p>Systematic Development of Solid Lipid Nanoparticles of Abiraterone Acetate with Improved Oral Bioavailability and Anticancer Activity for Prostate Carcinoma Treatment. Joint Authors: Sarwar Beg, Ankit K Malik, Mohammad Javed Ansari, Asrar A Malik, Ahmed Mahmoud Abdelhaleem Ali, Abdulrahman Theyab, Mohammad Algahtani, Waleed H Almalki, Khalid S Alharbi, Sattam K Alenezi, Md Abul Barkat, Mahfoozur Rahman, Hani Choudhry. ACS omega. 7 (20): 16968-16979 Publication date 2022/5/10 ISSN: 24701343. Scopus/UGC-CARE listed/Peer Review.</p> <p>Chemometrics-assisted development of a validated LC method for simultaneous estimation of temozolomide and γ-linolenic acid: Greenness assessment and application to lipidic. Joint Authors: Sarwar Beg, Sagar S Panda, Kamalinder K Singh. Journal of Chromatography B. 1200: 123261. Publication date 2022/6/1, ISSN :1570-0232. Scopus/ UGC-CARE listed/ Peer Review.</p> <p>Joint Authors: Development of a validated bioanalytical UPLC–MS/MS method for quantification of Neratinib: A recent application to pharmacokinetic studies in rat plasma. Joint Authors: Majed Alrobaian, Sagar Suman Panda, Obaid Afzal, Imran Kazmi, Manal A Alossaimi, Fahad A Al-Abbasi, Waleed H Almalki, Kriti Soni, Ozair Alam, Md Naushad Alam, Rehan A Rub, Mahfoozur Rahman, Sarwar Beg. Journal of Chromatographic Science. 60(6): 551-558. Publication date 2022/7/12, ISSN: 1945239X Scopus/UGC-CARE listed/Peer Review.</p> <p>Development and Validation of Chemometrics-Assisted Green UPLC-MS/MS Bioanalytical Method for Simultaneous Estimation of Capecitabine and Lapatinib in Rat Plasma. Joint Authors: Majed Alrobaian, Sagar Suman Panda, Waleed H Almalki, Obaid Afzal, Imran Kazmi, Manal A Alossaimi, Fahad A Al-Abbasi, Hanadi A Katouah, Rehan A Rub, BVV Ravi Kumar, Mahfoozur Rahman, Sarwar Beg. Journal of Chromatographic Science. 60(6): 559-570 Publication date 2022/7/12. ISSN: 1945239X Scopus/UGC-CARE listed/Peer Review.</p> <p>UPLC–MS/MS Method Validation for Estimation of Resveratrol in Rat Skin from Liposphere Gel Formulation and Its Application to Dermatokinetic Studies in Rats. Joint Authors: Mahfoozur Rahman, Obaid Afzal, Sunil K Panda, Imran Kazmi, Ahmed Mahmoud Abdelhaleem Ali, Manal A Alossaimi, Fahad A Al-Abbasi, Waleed H Almalki, Hanadi A Katouah, Vikas Kumar, Md Abul Barkat, Rehan A Rub, Sarwar Beg. Journal of Chromatographic Science. 60(7): 663-670. Publication date 2022/8 ISSN: 1945239X. Scopus/UGC-CARE listed/Peer Review.</p> <p>Formulation and optimization of naringin loaded nanostructured lipid carriers using Box-Behnken based design: In vitro and ex vivo evaluation. Joint Authors: Abdulsalam Alhalimi, Saima Amin, Sarwar Beg, Rashad Al-Salahi, Showkat R Mir, Kanchan Kohli. Journal of Drug Delivery Science and Technology. 74:103590. Publication date 2022/8/1 ISSN 1773-2247. Scopus/UGC-CARE listed/Peer Review.</p> <p>Development of a Validated UPLC–MS/MS Method for Simultaneous Estimation of Neratinib and Curcumin in Human Plasma: Application to Greenness Assessment and Routine Quantification. Joint Authors: Alhumaidi B Alabbas, Safar M Alqahtani, Sagar Suman Panda, Majed Alrobaian, Ali Altharawi, Waleed H Almalki, Md Abul Barkat, Rehan A Rub, Mahfoozur Rahman, Shehla Nasar Mir Najib Ullah, Sarwar Beg. Journal of Chromatographic Science. bmac067. Publication date 2022/8/20, ISSN: 1945239X. Scopus/UGC-CARE listed/Peer Review.</p>
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		<p>Nanostructured lipid carrier-based codelivery of raloxifene and naringin: Formulation, optimization, in vitro, ex vivo, in vivo assessment, and acute toxicity studies. Joint Authors: Abdulsalam Alhalmi, Saima Amin, Zafar Khan, Sarwar Beg, Omkulthom Al Kamaly, Asmaa Saleh, Kanchan Kohli. <i>Pharmaceutics</i>. 14(9): 1771 Publication date 2022/8/25 ISSN: 19994923. Scopus/UGC-CARE listed/Peer Review.</p> <p>Paclitaxel and Curcumin as Dual-Drug-Loaded Lipid Nanocapsules in the Management of Brain Tumour. Joint Authors: Mahfoozur Rahman, Obaid Afzal, Abdulmalik Saleh Alfawaz Altamimi, Majed Alrobaian, Md Abul Barkat, Shehla Nasar Mir Najib Ullah, Waleed H Almalki, Tanuja Singh, Sarwar Beg, Hani Choudhry. <i>Journal of Cluster Science</i>. 1-12 Publication date 2022/10/2. ISSN: 10407278. Scopus/UGC-CARE listed/Peer Review.</p> <p>Preparation, Characterization, and Evaluation of Curcumin-Graphene Oxide Complex-Loaded Liposomes against <i>Staphylococcus aureus</i> in Topical Disease. Joint Authors: Mahfoozur Rahman, Jaina Gunjan Singh, Obaid Afzal, Abdulmalik Saleh Alfawaz Altamimi, Majed Alrobaian, Jamshed Haneef, Md Abul Barkat, Waleed H Almalki, Mayank Handa, Rahul Shukla, Shehla Nasar Mir Najib Ullah, Vikas Kumar, Sarwar Beg. <i>ACS omega</i>. 7(48): 43499-43509. Publication date 2022/11/20. ISSN: 24701343. Scopus/UGC-CARE listed/Peer Review.</p> <p>Optimization and validation of stability indicating RP-HPLC method for the quantification of gefitinib in bulk drug and nanoformulations: An application towards in vitro and ex vivo. Joint Authors: Pankaj Kumar, Bharti Mangla, Sarwar Beg, Obaid Afzal, Abdulmalik Saleh Alfawaz Altamimi, Waleed H Almalki, Shehla Nasar Mir Najib Ullah, Geeta Aggarwal. <i>Arabian Journal of Chemistry</i>. 15 (12):104333 Publication date. 2022/12/1. ISSN: 2090-9071 (Online). Scopus/UGC-CARE listed/Peer Review.</p> <p>Biocompatible phospholipid-based nanovesicular drug delivery system of ketoprofen: Systematic development, optimization, and preclinical evaluation. Joint Authors: Senha Bimbrawh, Shruti Chopra, Mohammad Javed Ansari, Majed Alrobaian, Waleed H Almalki, Khalid S Alharbi, Sattam K Alenezi, Ripandeep Kaur, Sarwar Beg, Amit Bhatia. <i>Biotechnology and Applied Biochemistry</i>. 70(1):51-67. Publication date 2023/2. ISSN 0885-4513. Scopus/UGC-CARE listed/Peer Review.</p> <p>UPLC-MS/MS Method for Simultaneous Estimation of Neratinib and Naringenin in Rat Plasma: Greenness Assessment and Application to Therapeutic Drug Monitoring. Joint Authors: Ali Altharawi, Safar M Alqahtani, Sagar Suman Panda, Majed Alrobaian, Alhumaidi B Alabbas, Waleed Hassan Almalki, Manal A Alossaimi, Md Abul Barkat, Rehan Abdur Rub, Shehla Nasar Mir Najib Ullah, Mahfoozur Rahman, Sarwar Beg. <i>Separations</i>. 10(3):167 Publication date 2023/3/1. ISSN: 22978739 Scopus/UGC-CARE listed/Peer Review.</p>
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13. **Achievements/Recognitions/Awards received/awarded to faculty members (Pls give details)**
- a. **Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)**
- i. Prof. Javed Ali -Evaluator, National Board of Accreditation (NBA), New Delhi
 - ii. Prof. Javed Ali -Assessor, National Board of Accreditation (NBA), New Delhi
 - iii. Prof. Javed Ali -Panel of Inspectors, Pharmacy Council of India, New Delhi
 - iv. Prof. Javed Ali -Expert, National Testing Agency, New Delhi
 - v. Prof. Javed Ali –Union Public Service Commission, New Delhi
 - vi. Prof. Javed Ali –Subject Expert Odisha State Service Commission
 - vii. Prof. Farhan J Ahmad- Subject Expert CSIR and BIS Nanotechnology group.

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- i. Asgar Ali-Member- Board of Studies, School of Medical and Allied Sciences, Galgotias University, Greater Noida.
- ii. Asgar Ali-Member- Board of Research Studies, Dept. of Pharmaceutical Sciences, M.D. University, Rohtak
- iii. Prof. Zeenat Iqbal, Mentor for MESCO College of Pharmacy, Amroha Uttar Pradesh

c. Awards and Honours (Awards, fellowships of professional societies/associations)

- i. Javed Ali- Distinguished Scientist Fellowship by King Saud University, Saudi Arabia.
- ii. Javed Ali : National Technical Teachers' Award 2022 by All India Council of Technical Education, which carries a cash award of INR 25,000/-.
- iii. Javed Ali : Name listed in the worldwide ranking of top 2% scientists in the field of Pharmacology and Pharmacy in career long and single year by an independent study of Stanford University (Loannidis et al., Updated science-wide author databases of standardized citation indicators, 2021) <https://doi.org/10.1371/journal.pbio.3000918>
- iv. Asgar Ali : Certificate of Recognition Presented to Asgar Ali for outstanding contribution as Chairperson at International Conference on Nanotechnology & Drug Delivery (ICNDD-23), on 09-10 Feb 2023, Organised by Department of Pharmaceutics, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi., at Convention Centre, JH.
- v. Asgar Ali : Certificate of Appreciation presented to Prof. Asgar Ali, SPER for listing in Top 2% of Scientists of the World-2022- in the field of "Pharmacology and Pharmacy" in the year 2022, an independent study of Stanford University (Source- Updated Science-wide Author Database of Standardized Citation Indicators- on National Science Day- Jamia Hamdard, New Delhi, 28 Feb 2023. at Convention centre, JH.
- vi. Asgar Ali : Certificate of Recognition presented to Prof. Asgar Ali for his research paper published in Pharmaceutics- 2022 (Clarivate Analytics- Journal Citation Report impact factor more than 5), on National Science Day- Jamia Hamdard, New Delhi, 28 Feb 2023, at Convention centre, JH.
- vii. Farhan J Ahmad : Selected as "Fellow of the Islamic World Academy of Sciences (FIAS)" The Islamic World Academy of Sciences (IAS) is an international scientific organisation that was founded by the heads of state of the Organisation of Islamic Cooperation (OIC) in 1986 to assist countries to realize socioeconomic advancement through the prudent use of science and technology. Based in Amman (Jordan) and fully supported by the government of Jordan, it is also an advisory body on scientific matters that has been designated as the voice of science in the OIC.
- viii. Farhan J Ahmad : Awarded as "Professor of the year 2022 in Pharmaceutics" by Venus International Foundation, Chennai, India
- ix. Farhan J Ahmad : Selected as Fellow of Indian Pharmaceutical Association 2022, Fellowship of the Indian Pharmaceutical Association (IPA) is an honor awarded to a member of the Association who has made outstanding contribution to the Pharmacy profession and the activities of IPA. This year Prof Farhan J Ahmad, Professor, Department of Pharmaceutics, School of Pharmacy, Jamia Hamdard has been selected for this year IPA Fellowship award 2022.
- x. Farhan J Ahmad : Listed in the worldwide ranking of top 2% scientists in the field of Pharmacology and Pharmacy in single year by an independent study of Stanford University (Loannidis et al., Updated science-wide author databases of standardized citation indicators, 2021)
- xi. Farhan J Ahmad : Certificate of Recognition for his research paper published in Pharmaceutics- 2022 (Clarivate Analytics- Journal Citation Report impact factor more than 10), on National Science Day- Jamia Hamdard, New Delhi, 28 Feb 2023, at Convention centre, JH.
- xii. Mohd. Aqil : Listed in the worldwide ranking of top 2% scientists in the field of Pharmacology and Pharmacy in single year category by an independent study of Stanford University (Loannidis et al., Updated science-wide author databases of standardized citation indicators, 2021) <https://doi.org/10.1371/journal.pbio.3000918>
- xiii. Prof. Mohd. Aqil. Certificate of recognition conferred by Jamia Hamdard for a paper published in high impact factor journal), 28 February 2022.

- xiv. M Aamir Mirza : Guided a team of UG and PG students that won the best poster award at 2nd International conference on Natural Products and Human Health 2022, organized on 4- 6 Jul 2022, held at Deshbandhu College (University of Delhi).
- xv. M Aamir Mirza : A research work (Development of Fulvic acid as a commercially viable excipient in drug products) awarded Diamond prize in the conference Pharm-IIDEx 2022 on 10 Aug 2022, organized by University Teknologi MARA, Malaysia.
- xvi. M Aamir Mirza : A research work (A strategy for efficient product development for VDDS exploring nanotechnological tools) awarded gold prize in the conference Pharm-IIDEx 2022 on 10th August 2022, organized by University Teknologi MARA, Malaysia.
- xvii. Rabea Parveen : Awarded by STE Young Researcher Award, 2022 (Faculty category) during 4th Annual Meet of STE and International Conference on Environment, Water, Agriculture, Sustainability and Health (EWASH-2022): Strategizing a Greener Future 12-13 Jan, 2023, organized by Hindu College, Delhi University.

d. Invited as keynote or plenary speaker.

1. Asgar Ali as Resource Person in : One day seminar on Cancer Therapeutics and Drug Delivery, on 15th December 2022, Organised by UGC SAP DRS-II, Department of Pharmaceutics, School of Pharmaceutical Education & Research (SPER), Jamia Hamdard, New Delhi.
2. Asgar Ali as Chairperson at : International Conference on Nanotechnology & Drug Delivery (ICNDD-23), on 09-10 Feb 2023, Organised by Department of Pharmaceutics, School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi., at Convention Centre, JH.
3. Javed Ali as an invited Speaker on the topic titled, "Quality Attributes and Ethics in Publications", in the PhD workshop on the theme "Research Methodology and Academic Writing Skills" on April 28, 2022 organized by M. D. University Rohtak.
4. Javed Ali as an invited Speaker on the topic titled, "Quality Attributes and Ethics in Publications", in the Centre of Excellence Workshop & IASTAM Conclave 2022 on the theme "Research Methodology and Academic Writing Skills", on July 27, 2022, organized by Jamia Hamdard.
5. Javed Ali as an invited Speaker on the topic titled, "Quality Attributes and Ethics in Publications", in the Faculty Development Program on "Innovations in drug delivery technologies" on July 29, 2022 organized by IIIT NOIDA.
6. Javed Ali as an invited Speaker on the topic titled, "Setting Standards and Ethics in Publications", on July 30, 2022, in the IPA Kerala State Branch.
7. Farhan J Ahmad delivered an oral talk in International Conference on Nanotechnology; Opportunities and Challenges (ICNOC 2022) during 28-29 Nov 2022 in virtual mode, Jamia Millia Islamia, New Delhi.
8. Farhan J Ahmad delivered an oral talk 8th Iranian Controlled Release Society Congress (ICRC 2022) and the 3rd Middle East Controlled Release Congress (MECRC 2022), which will be held online on 9-11 May 2022.
9. Farhan J Ahmad delivered an oral talk International Symposium on THEODOR KOTSCHY memorial, "Flora Iranica" 12-13 May 2022, Khwarazmi University, Tehran, Iran in a hybrid mode.
10. Farhan J Ahmad delivered an oral talk in International Symposium on "Recent Trends and Future Opportunities in Pharmaceutic PHARMACON 2022)" from 10-12 Nov 2022 to be held at NIPER, SAS Nagar, Punjab, INDIA.
11. Farhan J Ahmad delivered an oral talk on Futuristic Trends in Drug Delivery Technology an International Conference on 'Futuristic trends in Pharmaceutical Sciences on 2-3 Dec 2022, in Era College of Pharmacy, Era University, Lucknow.
12. Farhan J Ahmad delivered an oral talk National Conference on "Biotechnology for Sustainable Development and Human Welfare" to be held on 23-24 Nov 2022 at Jamia Hamdard.
13. Farhan J Ahmad delivered an oral talk a talk (online) to our faculty i.e Faculty development program (FDP) in association with Academic Staff College (ASC) at VIT on 14 Nov 2022 in the afternoon session "Herbal medicines for disease management - A research perspective" Centre for Bio-Separation and Technology (CBST)Vellore Institute of Technology (VIT)Vellore 632014, Tamil Nadu, INDIA.

14. Farhan J Ahmad delivered an oral talk in Unani Day program on "Importance of Shelf-Life Studies in Unani Medicine" on 11 Feb 2023, organized by CCRUM, Vigyan bhawan, New Delhi
15. M Aamir Mirza led a team which orally (physically) presented a research work "Knowledge, Perception, willingness, and Hesitancy of parents' regarding COVID-19 vaccination for 5-11 years old children in IRAN Predictors from the Health Belief Model, 10-12 May 2023, in the 1st annual students congress of medical science university of Tehran (Iran). Configuration of the team was Mohd. Aamir Mirza (Team lead), Amir Mohammad Chekeni (presenter and physical participant) and Mahdi darvish.
16. M Aamir Mirza delivered a lecture in an international webinar titled "Polypharmacy in older adults: An integrated approach" on 06 May 2023 organized by Tehran university of medical sciences. Title of the presentation was "3D and 4D printing: A promising tool for personalized medicine".
17. Prashant Kesharwani, invited as a chairperson in the conference "International Conference on Nanotechnology and Drug Delivery 2023 (ICNDD-23)" on 10th February 2023, organized by Jamia Hamdard, New Delhi.
18. Prashant Kesharwani, delivered a talk on "National Symposium on Commensal bacteria: An emerging tool in defense against respiratory pathogens on National Science Day on dated 28 Feb 2023, organized by Gyanveer College of Pharmacy, Sagar (M.P).
19. Prashant Kesharwani, invited as a speaker on the topic Quality Attributes and Ethics in Publications", in the PhD workshop on the theme "Research Methodology and Academic Writing Skills" on April 28, 2022, organized by M. D. University Rohtak.
20. Zeenat Iqbal, invited as a Resource person in the DST-STUTI One Week Training Programme on NMR on "Mapping Molecules with Magnet", 28 Sep to 3 Oct 2022, Jamia Hamdard, PMU.
21. Zeenat Iqbal, invited as a Resource person in Continuing Medical Education (CME) Programme for Teachers of Ilmul Advia on "Need and Scope of Conversions of Unani Medicine into Nanoforms", 05-10 Dec 2022, Aligarh Muslim University, Aligarh, India.
22. Zeenat Iqbal, invited as a Resource person in Second Professional Development Programme (PDP) on "Strategies to Overcome Challenges in Drug Development", 12-17 Dec 2022, Integral University, Lucknow, India.
23. Zeenat Iqbal, invited as a Resource person in the Faculty Development Program, "Adaptation and Execution of National Education Policy 2020- For Effective Teaching and Learning Techniques". Title Presented- Design Thinking and Innovation in Healthcare: Perspectives and Prospects, 14-20 Dec 2022, Organized by the Department of OBG (Amraze Niswan Wa Qabalat), SUMER, Jamia Hamdard in Collaboration with UGC-HRDC, Jamia Millia Islamia and Jawaharlal Nehru University.
24. Zeenat Iqbal, An Invited Panelist in the Professional Development Programme "ICH GCP E6 (R2), Biomedical Ethics, & ICMR Clinical Trials Guidelines", 19-23 Dec 2022, Geetanjali Institute of Pharmacy, Geetanjali University, Rajasthan, and CliMed Research Solutions, India.
25. Zeenat Iqbal, invited as a Resource person in "Innovation Conclave-22" Organized by the Centre for Teaching Support and Innovations (CTSI), 17 Nov 2022, Jamia Hamdard.
26. Zeenat Iqbal, Invited as a Chair in XII IASTAM Oration and Award Function International IASTAM Conclave 2022 on "Multitargeted Therapeutics in Unani and Ayurvedic Medicine and Food Supplement", 29-30 Jul 2022, Jamia Hamdard.
27. Zeenat Iqbal, Invited as a Resource Person in National Workshop on "Emerging Trends in Research Methodology (Online Mode)", 21 May 2022, Guru Gobind Singh College of Pharmacy, Yamuna Nagar, Haryana.
28. Rabea Parveen, invited as a speaker on the topic entitled "Nano-formulation of herbal drug as an adjuvant for treatment of cancer". 9th International Congress of the Society for Ethnopharmacology 2022, 22-24 Apr 2022, JSS College of Pharmacy, JSS Academy of Higher Education and Research, Mysuru, Karnataka, India.
29. Rabea Parveen, Invited as Speaker on the topic entitled, "Tool to manage referencing in the manuscripts.", in the Centre of Excellence Workshop & IASTAM Conclave 2022 on the theme "Research Methodology and Academic Writing Skills" on 27-29 Jul 2022, organized by Jamia Hamdard.

30. Rabea Parveen, invited speaker on the topic “Combination nanoparticulate formulation of 5- FU and silymarin: A better line of cancer therapy”. XII IASTAM Oration & Award Function, International IASTAM Conclave 2022 on Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement, 29-30 Jul 2022, organized by Bioactive Natural Product Laboratory, SPER, Jamia Hamdard, New Delhi, India.
31. Rabea Parveen, invited as a speaker on “Bioavailability enhancement of herbal drugs by using Nano-formulation approach” in Symposia on advances in the natural products research for the treatment of infectious diseases and metabolic disorders. 18-19 Nov 2022, NIPER-Hyderabad.
32. Saba Khan, Invited Speaker in XII IASTAM Oration & Award Function, International IASTAM Conclave 2022 on the theme “Multitargeted Therapeutics in Unani and Ayurvedic Medicines & Food Supplement” on 29-30 Jul 2022, organized by CoE, BNPL, Jamia Hamdard.

14. Students achievements

- a. **Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)**

- i. **Ms. Niha Sultana (Qualified NET-LS) 19.2.2022.**
 ii. **Afsana (PhD Scholar) qualified NET**

- b. **Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)**

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	Inter college debate competition held at NIPER mohali organized by SENTISS	01 Nov 2022	-	Nida Nehal (Ph.D. Scholar- Department of Pharmaceutics) Hibah husain (Ph.D. Scholar- Department of Pharmacology) 2nd runner up and won cash prize of 15000	NIPER, Mohali
2	Oral presentation at 2nd NIRMA e-conference for International connect 2024	25-25 Jan 2024	-	Nida Nehal (Ph.D. Scholar- Department of Pharmaceutics) - Consolation prize for oral presentation	Online mode
2	Oral presentation at 2nd NIRMA e-conference for International connect 2024	25-25 Jan 2024	-	Abdul Muheem (Ph.D. Scholar- Department of Pharmaceutics) - Consolation first prize for oral presentation	Online mode
3	Participated in Seven days Hands-on Training under the DST STUTI Scheme of Government of India, organized by IIT Gandhinagar	26 Sep- 2 Oct 2022	-	Saif Ahmad Khan (Ph.D. Scholar) - Department of Pharmaceutics	L.M. College of Pharmacy, Ahmedabad
4	e-Poster presentation at National Conference on Development of Entrepreneurial Attitude in Pharmacy Students organized by SRM Modinagar College of Pharmacy	27-28 Feb 2023	-	Priya Gupta (Ph.D. Scholar - Department of Pharmaceutics) - 3rd Position in Poster Presentation	Online Mode
5	Participated in a Symposium on “Drug Delivery and Translational Research” at BITS Pilani, Pilani Campus & Supported by EMIDS.	25-26 Feb 2023	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics- Participation	Online Mode

6	Hackathon conducted by EMIDS at a Symposium on "Drug Delivery and Translational Research" at BITS Pilani, Pilani Campus.	25-26 Feb 2023	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-4th Position	Online Mode
7	Presented a Paper (Oral) in the 2nd Nirma e-Conference for International Connect (NCIC)- 2023 on "Recent Advances in Nanotechnology: Drug Discovery & Therapeutics" organised by Institute of Pharmacy, Nirma University.	24-25 Jan 2023	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Participation	Online Mode
8	Attended 1st workshop on Computer Aided drug Design (Hands-On-Training) (CADD- 2023) by the Centre for Advanced Computational Chemistry Studies, Delhi.	2-8 Jan 2023	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Successfully completed	Online Mode
9	Attended seven days hands-on training program on "Development and Characterization of Nanoformulations" organized by Maliba Pharmacy College, Uka Tarsadia University as a host and the Indian Institute of Technology (Gandhinagar) as a Project Management Unit (PMU) under the scheme of DST STUTI.	12-18 Sep 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Successfully completed	Maliba Pharmacy College, Uka Tarsadia University as a host and the Indian Institute of Technology (Gandhinagar) as a Project Management Unit (PMU) under the scheme of DST STUTI.
10	Participated in the webinar on "Lipid Nano-Pharmaceuticals: From Concept to Clinics", organized by The Indian Pharmaceutical Association, Kerala State Branch.	02 Jul 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Participation	Online Mode
11	Successfully completed the online Short-term training program in HPLC & UPLC, organised by Vellore Institute of Technology-Technology Business Incubator VIT, Sponsored by Department of Science & Technology, New Delhi.	28 Jul 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Successfully completed	Online Mode
12	Attended Online workshop on "Cloud-based Hands-on workshop: Rational Computational Drug Design Approaches", Organized by SPER, Jamia Hamdard.	04 May 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Successfully completed	Online Mode
13	Participating in "Online session on Challenges of IPR and solutions for higher educational institutes" organized by IP Management Cell, Jamia Hamdard, New Delhi.	30 Apr 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics-Participation	Online Mode

14	Secured 1st position in Online Quiz on “World Intellectual Property Day” organized by IP Management Cell, Jamia Hamdard, New Delhi.	26 Apr 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics- 1st Position	Online Mode
15	Participated in “World Intellectual Property Day” organized by IP Management Cell, Jamia Hamdard, New Delhi.	26 Apr 2022	-	Devika Unnithan (Ph.D. Scholar) - Department of Pharmaceutics- Participation	Online Mode
16.	Telemedicines: Opportunities and Challenges First Position in E-Posters exhibits	18 Mar 2023	-	Meraj Alam	SGT University, Gurugram
17.	Oral paper presentation at 2nd NIRMA e-conference for international connect (NCIC)-2023 Best oral presentation in the Nanotechnology category and won cash prize of Rs. 1500	24-25 Jan 2023	-	Abdul Muheem	Institute of Pharmacy, Nirma University

c. Student Placements (list of companies/organizations visited for campus placement during 1st April 2022 to 31st March 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the Campus	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	Indigene Pvt. Ltd.	Ayesha Waheed	Rs. 7
2.	Dr. Reddy's Laboratories	Manish Goel	6.5
3.	Smart Analyst, Gurugram	Arshi Chaudhary	4.9
4.	Drug Safety Solution limited (DSSL)	Toshiba	4.0
5.	Parul University	Anu	6.0
6.	Llyod Institute of Pharmacy	Ali Sartaj	6.0
7.	Amity University Noida	Saurabh Mittal	6.0
8.	Sentiss Pharma	Nupur Srivastava	7.0
9.	SHST, Dehradun, Utrakhand	Iram khan	8.5
10.	Neocrest Life Sciences Ltd., Delhi	Danish Ansari	6.26
11.	Leo Nutraceuticals	Mohammed Nihaad Saadallah	19.9
12.	AL-Ramadi Teaching Hospital, Iraq	Yousif Ahmed Mohialdeen Alnuaimi	5
13.	Dr. Reddy's Laboratories	Parveen	6.5
14	Indian Glycol Limited, Dehradun	Praveen Gupta	5.5
15	Reckitt (India) Ltd, Gurgaon	Attar Firoz Isahak	6
16	M/S Fermish clinical	Sobiya Zafar	
17	M/S Fermish clinical	Saman Fatima	
18	Sentis Pharma Gurgaon	SM Kawish	
19	R& D Assistant, Reckitt	Shivani Khattar (M. Pharm)	3
20	APCER Life Science and Medvocacy	Alisha (M. Pharm)	4.5
21	Dr. Reddy's Lab.	Saba Asif Qureshi (M. Pharm)	5.5
22	Dr. Reddy's Lab.	Md Sahim Aziz (M. Pharm)	5.5
23	Dr. Reddy's Lab.	Mohd. Mahtab (M. Pharm)	5.5
24	Dr. Reddy's Lab.	Areeba Siddiqui (M. Pharm)	5.5

DEPARTMENT OF PHARMACOLOGY

Head of the Department:

Prof Abul Kalam Najmi, Head, Department of Pharmacology, School of Pharmaceutical Education and Research

1. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (Only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period
1	Prof. (Dr.) Uma Bhandari, Professor	M.Pharm (Pharmacology) Ph.D (Pharmacy)	-
2	Prof. (Dr.) Divya Vohora, Professor	M.Pharm, Ph.D	Chairperson, Institutional Student Grievance Redressal Committee (ISGRC), Jamia Hamdard & UGC Nodal Officer (for E-Samadhaan Portal)
3	Prof. (Dr.) Abul Kalam Najmi, Professor & Head	M.Pharm, Ph.D (Pharmacology)	Head, Dept. of Pharmacology Member, CAS Promotion Committee,
4	Prof. (Dr.) Shibli Jameel Ahmad, Professor	M.Pharm, Ph.D	-
5	Prof. (Dr.) Manju Sharma, Professor	M.Pharm., Ph.D	Dy. Supdt. (Exams), SPER, Committee, Incharge, Pharmaceutical Medicine programme, Member, CGHS Policy Committee, Convenor, Creative events during sports and cultural week February 2023, Member, Golden Jubilee celebrations December 2022, SPER
6	Prof. (Dr.) S. E. Haque, Professor	M.Pharm, Ph.D	Director Incharge (JHRCA)
7	Prof. (Dr.) Mohd Akhtar, Professor	M.Pharm, Ph.D	-
8	Dr. Kiran Dubey, Associate Professor	M.Pharm, Ph.D, PGDMM	Tabulator for D Pharm and PhD course work examinations, setting of MCQs for PhD entrance exam, Member Academic Council. Board of Studies, Member, Flying squad
9	Dr. Mohammad Ahmed Khan, Assistant Professor	M.Pharm, Ph.D	Member, Central Admission Core Committee for the Academic Session 2022-23 Member, NAAC Criteria II Team at University Level
10	Dr. Bushra Parveen, Assistant Professor	M. Pharm, Ph.D	Tabulator for B. Pharm V, VI, VII, VIII semester, Regular and PhD coursework examinations, Member, PhD Coursework committee, SPER, Member, Literary and Sports events in Hamdard Fest 2023
11	Dr. Suruchi Singh, Assistant Professor	M.Pharm, Ph.D	-
12	Dr. Mohd Afroz, Assistant Professor	M.Pharm, Ph.D	Member of Program Committee, Member of Admission Committee, Member of Tabulation Committee, Member, Examinations Committee, PCI approvals Committee member, SPER. SPOC of academics and examinations under University management software, Performed flying squad duties during End semester/ Annual examinations

2. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Mr Moin Don	Pharmacovigilance	Pharmacovigilance	-

3. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	M.Pharm (Pharmacology)	PG	15	15
2	M.Pharm (Pharmacy Practice)	PG	8	8
3	Ph.D Pharmacology	Doctoral	-	53
4	Ph.D Pharmacy Practice	Doctoral	-	
5	Ph.D Pharmaceutical Medicine	Doctoral	-	

4. Details of post-doctoral Research scholars attached to the Department during 2022-2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Sumit	ICM Research Associate	ICMR	Cardiovascular Pharmacology

6 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Mohd Ishaq	Neuroprotective effect of doxycycline and its comparison with developed chitosan nanoparticulate intranasal formulation of doxycycline in MCAO model of Focal Cerebral Ischemia	Prof. Mohd Akhtar	NONE
2.	Preeti Sharma	Nanotechnology based targeting of Myricetin against PI3K/AKT/mTOR pathway in breast cancer	Prof. Mohd Akhtar	ICMR
3.	Sajad Khaliq Dar	Evaluation of scaled bioequivalence and variability comparison of Tacrolimus using pharmacokinetic and statistical model and correlation of individual pharmacokinetic parameters with clinical laboratory values	Prof. Mohd Akhtar	NONE
4.	Shiwani Aggarwal	Evaluation of Neuroprotective effects of Kinetin, a plant cytokinin combined with zinc in murine model of Traumatic brain injury	Prof. Mohd Akhtar	NONE
5.	Hibah Husain	Preclinical evaluation of Natural products in Cardiometabolic Syndrome (CMS)	Prof. Mohd Akhtar	NONE
6.	Zulqarnain	NOT DECIDED	Prof. Mohd Akhtar	NONE
7.	Sumit Kumar Saha	Design, development and characterization of formulation containing Alectinib Hydrochloride for solubility and dissolution enhancement and study the impact of designed formulation on oral bioavailability	Dr. Kiran Dubey	Sponsored (MOU) candidate from Sun Pharma Ltd.

8.	Ankur	Antimicrobial use among patients admitted in a tertiary care hospital	Dr. Kiran Dubey	None
9.	Sadma Parveen	Evaluation of veratric acid against cyclophosphamide-induced multi-organ toxicity in Wistar rats	Dr. Kiran Dubey	None
10.	Abhishek Srivastava	Design, optimization and characterization of a novel solid dispersion formulation for enhancement of solubility and oral bioavailability of Ticagrelor.	Prof. Uma Bhandari	SUN Pharma Sponsored
11.	Shalu Chauhan	An observational study on changes in biomarkers in patients of diabetic nephropathy receiving SGLT2 inhibitor.	Prof. Uma Bhandari	DST-PURSE Fellowship (01-August-2022 to 31-March-2023)
12.	Himani Gupta	To assess the nephroprotective potential of cinnamaldehyde via modulation of AMPK/ACC & APMPK/NF-KB pathways in obesity associated nephropathy in C57BL/C mice	Prof. Uma Bhandari	DST-PURSE Fellowship (01-August-2022 to 31-March-2023)
13.	Shaik Abdul Rahaman	Effect of oral hypoglycemic agents on bone turnover markers and fracture risk in patients with type 2 diabetes mellitus- a prospective cross-sectional study	Prof. Divya Vohora	ICMR
14.	Nikita Nirwan	Evaluation of linagliptin and its bone targeted nano formulation for potential treatment of osteoporosis	Prof. Divya Vohora	ICMR
15.	Vaishali Yadav	Pharmacological and metabolomic evaluation of <i>Piper longum</i> L. fruit for antigenotoxic potential with a focus on Alzheimer's disease	Prof. Divya Vohora	ICMR
16.	Shreshta Jain	Investigation of the effects of major components of medium chain triglyceride (MCT) diet on D-galactose induced aging models for Alzheimer' disease and impairment osteoporosis.	Prof. Divya Vohora	DST-INSPIRE
17.	Divya Goel	To unravel the effect of Ganaxolone for mitigation of beta-amyloid toxicity and bone loss associated with Alzheimer's disease	Prof. Divya Vohora	ICMR
18.	Kamini	Assessment of cognitive impairment and potential biomarkers in adults with epilepsy at a tertiary care setting - A cross-sectional study.	Prof. Divya Vohora	DST PURSE
19.	Tabasum Ara	Effect of abaloparatide, zoledronate and its combination in osteoporosis	Prof. Divya Vohora	DST PURSE
20.	Sheikh Sana	Targeting lipid peroxidation in combination with iron chelation for mitigation of amyloid beta toxicity associated with Alzheimer's disease: An anti-ferroptotic approach	Prof. Divya Vohora	DST PURSE
21.	Neha Sharma	Investigation on Piperlongumine in combination with Navitoclax and their chondrocyte-targeted nanostructured lipid carriers in senescence osteoarthritis in mice	Prof. Divya Vohora	-
22.	Sana Khan	Evaluating the plausible role of deregulated haematological signals in the onset and progression of obesity induced neurodegeneration	Prof. Abul Kalam Najmi	ICMR
23.	Wasiuzzaman Khan	Role of Sulforaphane on insulin resistance via nrf2 modulation in amyloid- β induced model of Alzheimer's Disease: Plausible role of ppar- α activation	Prof. Abul Kalam Najmi	ICMR

24.	Meenu	Evaluation of selected flavonoids as therapeutic intervention in diabetic nephropathy by inhibition of NF- κ B and NLRP3 Inflammasome pathways	Prof. Abul Kalam Najmi	None
25.	Sadat Shafi	Exploration of a novel approach to breast cancer treatment by modulating selective metabolic pathway	Prof. Abul Kalam Najmi	ICMR
26.	Nadeem Ahmad	Development and Evaluation of a Novel Fixed Dose Combination (FDC) as a therapeutic intervention in Alzheimer Disease; A Synthetic-Herbal Drugs Combination Approach	Prof. Abul Kalam Najmi	ICMR
27.	Faisal Ashraf	Exploring the novel mechanisms of Sodium-glucose cotransporter-2 (SGLT2) inhibitors in experimental heart failure model	Prof. Abul Kalam Najmi	ICMR
28.	Digvijaya	Repurposing A Partial PPAR-gamma Agonist Alone and in Combination with an Isoflavone in Alleviation Of Neuronal Insulin Resistance via AdipoR/AMPK/IRS/Akt Pathway in Alzheimer's Disease	Prof. Abul Kalam Najmi	None
29.	Faraz Ahmad	Assessment of novel biomarker and disease associated outcome in Diabetic Kidney Disease Patients	Prof. Abul Kalam Najmi	None
30.	Asma Naqi	Development and Pre-clinical evaluation of Asialoglycoprotein Receptors targeted dual drug loaded Nanoparticles of Doxorubicin and Hesperetin for the treatment of Hepatocellular Carcinoma	Prof. Abul Kalam Najmi	CCRUM
31.	Aamir Khan	Effect of D-Pinitol on isoproterenol induced Myocardial infarction in Swiss Albino mice	Prof. S.E. Haque	HNF
32.	Mohd Waseem	Effect of verbenone on cyclophosphamide induced multiple organ toxicity in Swiss albino mice	Prof. S.E. Haque	ICMR, SRF
33.	Md.Tousif	<i>In-vitro</i> and <i>in-vivo</i> evaluation of gastrodin on breast cancer.	Prof. S. E. Haque	DST Purse Grant
34.	Tabassum Saifi	<i>In-vitro</i> and <i>in-vivo</i> evaluation of erdosteine and its combination with cyclophosphamide on hepatic cancer	Prof. S. E. Haque	HNF
35.	Wasim Akram	Effect of levocabastine on cyclophosphamide-induced neurotoxicity in Swiss albino mice: Targetting NTS2 receptor	Prof. S.E. Haque	ICMR, SRF
36.	Mohd. Almas Khan	Evaluation of Camphene against cyclophosphamide induced cardio- and neurotoxicity in Wistar albino rats	Prof. S. E. Haque	DST Purse Grant
37.	Mohammad Moonis	Effect of Carnosolone on cyclophosphamide-induced organ toxicity in Swiss albino mice.	Prof. S. E. Haque	DST Purse Grant
38.	Adeeba Layeek	Topic to be decided. Literature survey going on	Prof. S. E. Haque	Recently joined

39.	Dr. Pankaj Bablani	A randomised placebo control comparative study of 3 Curcumin formulations 1. Conventional Curcumin, 2. Self Nano emulsifying Curcumin, and 3. Curcumin with Piperine formulation, as an add-on therapy in Hyperlipidemic human patients and evaluating their effect on the Lipid profile.	Prof. Manju Sharma	-
40.	Avinash Kumar Singh	Assessment of trough levels of imatinib and patients related outcomes in chronic myeloid leukemia	Prof. Manju Sharma	Sun Pharma
41.	Tufail Ahmad	-	Prof. Manju Sharma	Sun Pharma
42.	Shailja	-	Prof. Manju Sharma	-
43.	Habiba Samreen	-	Prof. Manju Sharma	-
44.	Syed Sufian Ahmad	Effect of chrysin on modulation of DPP-8 and 9 in immumoporosis	Dr. Mohammad Ahmad Khan	-
45.	Km Soumya	Evaluation of Periostin and Galectin-3 as predictors of renal function and assessment of health related quality of life in chronic kidney disease patients	Dr. Mohammad Ahmad Khan	Sun Pharma
46.	Faraha Ahmed	To investigate the potential of DDP-4 inhibitors in postmenopausal osteoporosis	Dr. Mohammad Ahmad Khan	-

6 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Ms. Nazia Siddiqui	Evaluation of Linagliptin and its brain targeted nano formulation in experimental models of Alzheimer's disease	09-2.-022	Prof. Mohd Akhtar
2	Sayima Nabi	Evaluation of antiobesity potential of Saroglitazar in monosodium glutamate obese neonatal Wistar rats	29-12-2022	Prof. Uma Bhandari
3	Abdul Haye	Pharmacological Evaluation of a Polyherbal formulation and Sodium-glucose cotransporter-2 Inhibitors in Experimental Diabetes mellitus	07-06-22	Prof. Manju Sharma
4	Farah Deebea	Role of Endocannabinoids in Diabetes mellitus and modulation by drugs	27-01-23	Prof. Manju Sharma

7.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	National Workshop and Hands on Training on Pharmacovigilance: Industry Practices	16 February, 2023	In collaboration with International Society of Pharmacovigilance (ISoP), Society of Pharmacovigilance India (SOPi) and Pharma Ratan UK	More than 350

7.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Prof. Manju Sharma	"Rational Use of Drugs" by Empower School of Health, Geneva, Switzerland	12 th July, 2022	Webinar (attended online)
2	Dr. Kiran Dubey	International Symposium on Safety Assessment under Materiovigilance and Pharmacovigilance Programs	20 th May 2022	Delhi Pharmaceutical Sciences and Research University, New Delhi
3	Dr. Mohammad Ahmed Khan	Online interdisciplinary Two-Week Refresher Course On "Managing Online Classes & Co-creating MOOCs 19.0"	07-21 October, 2022	Online, Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
4	Dr. Bushra Parveen	National Workshop of Centre of Excellence in Unani Medicine on Competency development of AYUSH Nationals International IASTAM conclave One Day Workshop on IPR Issues and Patenting of Herbal Drugs Participated in Expert talk on Nutra meets Pharma held at Jamia Hamdard National Workshop-cum-Hands on Training on Pharmacovigilance: Industry perspectives	27-28 July 2022 29 to 30 July, 2022 22 Nov 2022 24 Jan, 2023 16 Feb, 2023	Centre of Excellence in Unani Medicine, Jamia Hamdard Centre of Excellence in Unani Medicine, Jamia Hamdard Centre of Excellence in Unani Medicine, Jamia Hamdard D/O Food Technology, Jamia Hamdard D/O Pharmacology, Jamia Hamdard
5	Dr. Mohd Afroz Ahmad	International IASTAM conclave DST STUTI training program on NMR. Participated in Expert talk on Nutra meets Pharma held at Jamia Hamdard. National Workshop-cum-Hands on Training on Pharmacovigilance: Industry perspectives	29 to 30 July, 2022 28 Oct. to 3 Nov, 2022 24 Jan, 2023 16 Feb, 2023	SPER, Jamia Hamdard. SPER, Jamia Hamdard. Jamia Hamdard SPER, Jamia Hamdard
6	Dr. Suruchi Singh	IASTAM Conclave 2022 National Workshop-cum-Hands on Training on Pharmacovigilance: Industry perspectives	29 to 30 July, 2022 16 Feb, 2023	Jamia Hamdard

8. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Arshad Khuroo, Head Bioavailability & Bioequivalence at SUN PHARMA	Bioequivalence studies: a Complete cycle	9-12-2022, SPER Auditorium	-	100
2	Dr. Krishna Murti	Clinical Trials	12-3-2022, SPER Auditorium	-	70

9. Sponsored projects

Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1.	Prof. Divya Vohora	Epilepsy Associated with Osteoporosis under UGC SAP DRS-II	2018	Mar 2023	Ongoing	-
2	Prof. Abul Kalam Najmi	Investigation of hepatoprotective activity of Unani Formulations with emphasis on alleviation of antitubercular drugs' induced hepatotoxicity: Elucidation of molecular mechanism CCRUM-32 lakhs	2022	2025	Ongoing	01
3	Prof. Abul Kalam Najmi Prof. Divya Vohora Prof. Mohd. Akhtar	DST-FIST Grant 101.20 Lakhs To strengthen the Research Facilities in the Dept.	2028	2023	Ongoing	-

10. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1	IPC: A61K31/352	System for preparing a transethosomal apigenin gel for local administration	Adnan, Ahmad, Mohammad Afroz, Akhter, Mohammad Sohail, Haider, Mohammad Faheem, Rahman, Mohammad Azizur,	27/09/2022	German patent, Granted on: 2/11/2022
2	202331015014	Development and evaluation of myricitin nanoemulsion with anti-liver cancer activity.	Mohammad Faheem, Ahmad, Mohammad Afroz, Khustar, Akhter, Mohammad Sohail, Haider, , Rahman, Mohammad Azizur	15/03/2023	Indian patent Filed

11. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Prof. (Dr.) Uma Bhandari, Professor	<p>Priyanka Arya, Uma Bhandari, Kalicharan Sharma, Priyanka Bansal. Anti-PCSK9 monoclonal antibody attenuates high-fat diet and zymosan-induced vascular inflammation in C57BL/6 mice by modulating TLR2/NF-κB signaling pathway. Iranian Journal of Basic Medical Sciences. 2022; 25(5): 577-585. ISSN No.: Print -20083874, online- 2008386., ESCI.</p> <p>Sayima Nabi, Uma Bhandari, Syed Ehtaishamul Haque. Saroglitazar ameliorates monosodium glutamate-induced obesity and associated inflammation in Wistar rats: Plausible role of NLRP3 inflammasome and NF-κB. Iranian Journal of Basic Medical Sciences. 2022; 25 (7): 827-841 . ISSN No. : [Print -20083874, online- 2008386., ESCI.</p> <p>Abhishek Srivastava, Mohammad Ahmad Khan, Simrata Bedi, Uma Bhandari. A Review on Different Solubility Enhancement Techniques of Ticagrelor. International Journal of Pharmaceutical Investigation.2022; 13(1), 1-6. ISSN: [Print -2230-973X, Online - 2230-9713], UGC- CARE listed.</p> <p>Priyanka Arya, Neeraj Kumar, Uma Bhandari Surabhi Thapliyal, Vikram Sharma. Hidden attributes of zymosan in the pathogenesis of inflammatory diseases: A tale of the fungal agent. Iranian Journal of Basic Medical Sciences. 2023; 26 (4):380-387. ISSN No.: [Print -20083874, online- 2008386., ESCI.</p> <p>Abhishek Srivastava, Mohammad Ahmad Khan, Simrata Bedi, & Uma Bhandari. Design, optimization, and characterization of a novel amorphous solid dispersion formulation for enhancement of solubility and dissolution of Ticagrelor. International Journal of Applied Pharmaceutics. 2023; 15(4). Online ISSN: 0975-7058., Scopus.</p>
2	Prof. (Dr.) Divya Vohora, Professor	<p>Yadav V, Krishnan A, Baig MS, Majeed M, Nayak M, Vohora D. Decrypting the interaction pattern of Piperlongumine with calf thymus DNA and dodecamer d(CGCGAATTCGCG)₂B-DNA: Biophysical and molecular docking analysis. Biophys Chem. 2022 Jun;285:106808. doi: 10.1016/j.bpc.2022.106808. Epub 2022 Mar 23 (Impact factor 2.35).</p> <p>Nirwan N, Vohora D. Linagliptin in Combination With Metformin Ameliorates Diabetic Osteoporosis Through Modulating BMP-2 and Sclerostin in the High-Fat Diet Fed C57BL/6 Mice. Frontiers in Endocrinology 2022 Jul 19;13:944323 (Impact factor 6.0).</p> <p>Yadav V, Krishnan A, Zahiruddin S, Ahmad S, Vohora D. Amelioration of cyclophosphamide-induced DNA damage, oxidative stress, and hepato- and neurotoxicity by Piper longum extract in rats: The role of γH2AX and 8-OHdG. Frontiers in Pharmacology 2023 Mar 10;14: 1147823 (Impact factor 5.98)</p> <p>Yadav V, Krishnan A, Vohora D. Altered hallmarks of DNA double-strand breaks, oxidative DNA damage, and cytogenotoxicity by piperlongumine in hippocampus and hepatocytes of rats intoxicated with cyclophosphamide. Life Sciences 2023 Mar 1;316:121391. doi: 10.1016/j.lfs.2023.121391 (Impact factor 6.78).</p> <p>Bajaj S, Zameer S, Jain S, Yadav V, Vohora D. Effect of the MAGL/FAAH Dual Inhibitor JZL-195 on Streptozotocin-Induced Alzheimer's Disease-like Sporadic Dementia in Mice with an Emphasis on Aβ, HSP-70, Neuroinflammation, and Oxidative Stress. ACS Chemical Neuroscience 2022 Apr 6;13(7):920-932. doi: 10.1021/acscchemneuro.1c00699 (impact factor 4.41)</p>
3	Prof. (Dr.) Abul Kalam Najmi, Professor	<p>Adin SN, Gupta I, Aqil M, Mujeeb M, Najmi AK. Application of a Quality by Design-based approach in development and validation of an RP-HPLC method for simultaneous estimation of methotrexate and mangiferin in dual drug-loaded liposomes. Biomedical Chromatography. 2023 May 4:e5648.</p> <p>Amin S, Sheikh KA, Iqbal A, Khan MA, Shaquiquzzaman M, Tasneem S, Khanna S, Najmi AK, Akhter M, Haque A, Anwer T. Synthesis, in-Silico studies and biological evaluation of pyrimidine based thiazolidinedione derivatives as potential anti-diabetic agent. Bioorganic Chemistry. 2023 May 1;134:106449</p> <p>Bano G, Imam MT, Bajpai R, Alem G, Kashyap VK, Habib A, Najmi AK. Expression of Angiopoetin-Like Protein-4 and Kidney Injury Molecule-1 as Preliminary Diagnostic Markers for Diabetes-Related Kidney Disease: A Single Center-Based Cross-Sectional Study. Journal of Personalized Medicine. 2023 Mar 24;13(4):577.</p>

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4	Prof. (Dr.) S. E. Haque, Professor	<p>Sharma B, Satija G, Madan A, Garg M, Alam MM, Shaquiquzzaman M, Khanna S, Tiwari P, Parvez S, Iqbal A, Haque SE and Khan MA. Role of NLRP3 Inflammasome and Its Inhibitors as Emerging Therapeutic Drug Candidate for Alzheimer's Disease: a Review of Mechanism of Activation, Regulation, and Inhibition. <i>Inflammation</i>. https://doi.org/10.1007/s10753-022-01730-0 (Published 25th August 2022). Impact factor-4.675.</p> <p>Khan A, Iqbal A, Wasim M, Syed MA, Haque SE. D-Pinitol attenuates Isoproterenol induced myocardial infarction by alleviating cardiac inflammation, oxidative stress and ultra structural changes in Swiss albino mice. <i>Clinical and Experimental Pharmacology and Physiology</i>. 2022 DOI: 10.1111/1440-1681.13703. Impact factor 2.1.</p> <p>Iqbal A, Iqbal M. Kashif, Sharma S, Wasim M, Alfalehd MA, Shadab Md, Baboota S, Ali Javed and Haque SE. Pathogenic mechanisms and therapeutic promise of phytochemicals and nanocarriers based drug delivery against radiotherapy-induced neurotoxic manifestations. <i>Drug Delivery</i> 2022, 29(1): 1492–1511. (Impact Factor: 6.419) Print ISSN: 1071-7544, Online ISSN: 1521-0464.</p> <p>Khan A, Iqbal A, Haque SE. Combinatorial Delivery of Cinnamaldehyde and Quercetin Ameliorates Isoproterenol-Induced Cardiac Inflammation, Apoptosis and Myocardial Infarction via Modulation of NF-kB P65 and Cleaved Caspase-3 Signaling Molecules in Wistar Rats. <i>Pharmaceutical Chemistry Journal</i>. 2022 May 7:1-9. (Impact factor: 0.837) Print ISSN 0091-150X, Online ISSN 1573-9031.</p> <p>Ekkbal R, Iqbal A, Ansari MA, Ahmad S, Haque SE. Evaluation of cardioprotective potential of isolated swerchirin against the isoproterenol-induced cardiotoxicity in Wistar albino rats. <i>Pharmacognosy Magazine</i>. 2022 Jan 1;18(77):10-21. (Impact Factor: 1.085) Print ISSN: 0973-1296, Online ISSN: 0976-4062.</p>

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5	Prof. (Dr.) Manju Sharma, Professor	<p>Usmani J, Kausar H, Akbar S, Sartaj A, Mir SR, Hassan MJ, Sharma M, Ahmad R, Rashid S, Ansari MN. Molecular Docking of Bacterial Protein Modulators and Pharmacotherapeutics of Carica papaya Leaves as a Promising Therapy for Sepsis: Synchronising In Silico and In Vitro Studies. <i>Molecules</i>. 2023 Jan 6;28(2):574</p> <p>Imran M, Robert SM, Sharma M, Aeri V. Evaluation of Sida cordifolia and Sida rhombifolia extracts in a rat model of streptozotocin-induced diabetic nephropathy. <i>Polimery w Medycynie</i>. 2023 Mar 28.</p> <p>Singh AK, Vidyadhari A, Bhurani D, Agrawal N, Ahmed R, Sharma M. Effect of Imatinib treatment on renal anaemia in chronic myeloid leukemia patients. <i>Journal of Oncology Pharmacy Practice</i>. 2023 Mar 2;10781552231160113.</p> <p>Sharma M, Gawri A, Chander A, Mathew PJ, Mathew JL, Kumar N. Design, development and evaluation of artificial breathing capability device (ABCD): a novel innovation for respiratory support.</p> <p>Azharuddin M, Sharma M. Arsenic Concentration in Drinking Water and Risk of Lung Cancer. In: Fall Meeting 2022 2022 Dec 12. AGU.</p> <p>Gaba U, Altamish M, Azharuddin M, Adil M, Ghosh P, Gyawali B, Yadav Y, Sharma M. Risk factors and outcomes associated with diabetes mellitus in COVID-19 patients: a meta-analytic synthesis of observational studies. <i>Journal of Diabetes & Metabolic Disorders</i>. 2022 Dec;21(2):1395-405.</p> <p>Sharma M, Singh SJ, Srivastava VK, Kumar M, Kumar S. Inventory model with time dependent holding cost, constant demand rate, and shortages under Weibull deterioration. In: AIP Conference Proceedings 2022 Nov 8 (Vol. 2481, No. 1). AIP Publishing</p> <p>Sharma M, Mittal A, Sharma SJ, Kumar A, Sharma A, Kumar Y. A Study on the Spectrum of Thyroid Abnormalities in Liver Disease and Its Correlation with Liver Function. <i>Indian Journal of Public Health Research & Development</i>. 2022 Oct 1;13(4).</p> <p>Alam MB, Hassan N, Sahoo K, Kumar M, Sharma M, Lahiri J, Parmar AS. Deciphering interaction between chlorophyll functionalized carbon quantum dots with arsenic and mercury toxic metals in water as highly sensitive dual-probe sensor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i>. 2022 Oct 1;431:114059.</p> <p>Azharuddin M, Sharma M. Critical Appraisal of Economic Evaluation of Biomarkers Used for Screening Dementia. In: <i>Movement Disorders 2022 Sep 1 (Vol. 37, pp. S249-S249)</i>. 111 River St, Hoboken 07030-5774, NJ USA: WILEY.</p> <p>Azharuddin M, Sharma M. Humanistic Burden of Juvenile Idiopathic Arthritis in the Era of Biologic Medication. In: <i>Aging Clinical and Experimental Research 2022 Sep 1 (Vol. 34, No. SUPPL 1, pp. S424-S424)</i>. One New York Plaza, Suite 4600, New York, NY, United States: Springer</p> <p>Azharuddin M, Sharma M. Letermovir for cytomegalovirus prophylaxis in allogeneic hematopoietic stem cell transplantation. In: <i>Pharmacoepidemiology and Drug Safety 2022 Sep 1 (Vol. 31, pp. 149-149)</i>. 111 River St, Hoboken 07030-5774, NJ, USA: Wiley.</p> <p>Azharuddin M, Sharma M. Impact of romosozumab on bone mineral density in postmenopausal osteoporosis. In: <i>Pharmacoepidemiology and Drug Safety 2022 Sep 1 (Vol. 31, pp. 330-330)</i>. 111 River St, Hoboken 07030-5774, NJ USA: Wiley.</p> <p>Azharuddin M, Sharma M. P9. 22: Surgical Site Infection in Liver Transplant Patients: Evidence From Real-World Studies. <i>Transplantation</i>. 2022 Sep 1;106(9S):S645.</p> <p>Deeba F, Yar MS, Haidar MR, Sharma AK, Sharma M. Synthesis, molecular docking, and pharmacological evaluation of 5-(4-(2-(5-ethyl pyridine-2-yl) ethoxy) benzyl)-3-(phenylsulfonyl) thiazolidine-2, 4-dione against HFD-induced diabetes via interaction with the CB1 receptor. <i>Iranian Journal of Basic Medical Sciences</i>. 2022 Aug;25(8):1028.</p> <p>Singh AK, Azharuddin M, Agrawal N, Bhurani D, Ahmed R, Sharma M. Imatinib and Patient-Related Outcomes in Chronic Myeloid Leukemia: A Single Centric Experience. <i>SN Comprehensive Clinical Medicine</i>. 2022 Jul 21;4(1):165.</p> <p>Azharuddin M, Sharma M. O5-6 Economic burden of breast cancer in Japan: Evidence-based systematic literature review. <i>Annals of Oncology</i>. 2022 Jul 1;33:S470.</p> <p>Mishra R, Krishan S, Rai PK, Kapur P, Khayyam KU, Azharuddin M, Sharma K, Sharma M. Effect and possible mechanisms of metformin as adjuvant therapy in the management of tuberculosis: A prospective study. <i>Clinical Epidemiology and Global Health</i>. 2022 Jul 1;16:101106.</p>

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6	Prof. (Dr.) Mohd Akhtar, Professor	<p>Gupta I, Adin SN, Aqil M, Mujeeb M, Akhtar M. Application of QbD-based approach to the development and validation of an RP-HPLC method for simultaneous estimation of pregabalin and naringin in dual-drug loaded liposomes. <i>Biomed Chromatogr</i> 2023;37(6); e5623. https://doi.org/10.1002/bmc.5623 [International, IF=1.911] ISSN: 1099-0801</p> <p>Gupta I, Adin SN, Aqil M, Mujeeb M, Akhtar M. High-performance thin-layer chromatography method development and validation for quantification of piperine in different extracts of Piper longum L. and its antioxidant activity. <i>J Planar Chromatography Modern TLC</i> 2023; https://doi.org/10.1007/s00764-023-00237-0 [International, IF=1.088] ISSN: 0933-4173</p> <p>Siddiqui N, Ali J, Parvez S, Najmi AK, Akhtar M. Neuroprotective role of DPP-4 inhibitor Linagliptin against neurodegeneration, neuronal insulin resistance and neuroinflammation induced by intracerebroventricular streptozotocin in rat model of Alzheimer's disease. <i>Neurochemical Research</i> 2023; DOI:10.1007/s11064-023-03924-w [International, IF=3.038] ISSN: 0364-3190</p> <p>Sharma P, Khan MA, Najmi AK, Chaturvedi S, Akhtar M. Myricetin-induced apoptosis in Triple-Negative Breast Cancer cells via inhibition of the PI3K/AKT/mTOR-pathway. <i>Medical Oncology</i> 2022;39:248 https://doi.org/10.1007/s12032-022-01856-z [International, IF=3.738] ISSN: 1357-0560</p> <p>Ali A, Aqil M, Imam SS, Ahad A, Parveen A, Qadir A, Ali MH, Akhtar M. Formulation and evaluation of embelin loaded nanoliposomes: Optimization, in vitro and ex vivo evaluation. <i>JDDST</i> 2022; 72: 103414 [International, IF=3.981] ISSN: 1773-2247</p> <p>Ahmad S, Sharma S, Afjal MA, Habib H, Akhter J, Goswami P, Parvez S, Akhtar M, Raisuddin S. mRNA expression and protein-protein interaction (PPI) network analysis of adrenal steroidogenesis in response to exposure to phthalates in rats. <i>Environmental Toxicology and Pharmacology</i> 2022; 89: 103780 https://doi.org/10.1016/j.etap.2021.103780 [International, IF=4.860] ISSN: 1382-6689</p>
7	Dr. Kiran Dubey, Associate Professor	<p>Saha SK, Joshi A, Singh R, Jana S, Dubey K. An investigation into solubility and dissolution improvement of alectinib hydrochloride as a third-generation solid dispersion. <i>Journal of Drug Delivery Science and Technology</i> 2023; 81: 104259. https://doi.org/10.1016/j.jddst.2023.104259 [IF: 5.062] ISSN 1773-2247</p> <p>Kumar D, Bedi S, Talegaonkar S, Dubey K. Design, development and evaluation of self-microemulsifying drug delivery system of pazopanib for enhanced dissolution rate and cytotoxic potential. <i>Journal of Drug Delivery Science and Technology</i> 2023; 80: 104181. https://doi.org/10.1016/j.jddst.2023.104181 [IF: 5.062] ISSN 1773-2247</p>
8	Dr. Mohammad Ahmed Khan, Assistant Professor	<p>Madan A, Garg M, Satija G, Sharma B, Shaquiquzzaman M, Akhter M, Iqbal A, Khan MA, Parvez S, Das A, Sheikh KA, Alam MM. SAR Based Review on Diverse Heterocyclic Compounds with Various Potential Molecular Targets in the Fight against Covid-19: A Medicinal Chemist Perspective. <i>Curr Top Med Chem</i>. 2023 Jan 26. doi: 10.2174/1568026623666230126104156. Epub ahead of print. PMID: 36703601.</p> <p>Khan MA, Haider N, Singh T, Bandopadhyay R, Ghoneim MM, Alshehri S, Taha M, Ahmad J, Mishra A. Promising biomarkers and therapeutic targets for the management of Parkinson's disease: recent advancements and contemporary research. <i>Metab Brain Dis</i>. 2023 Mar;38(3):873-919. doi: 10.1007/s11011-023-01180-z. Epub 2023 Feb 20. PMID: 36807081.</p> <p>Satija G, Sharma B, Madan A, Iqbal A, Shaquiquzzaman M, Akhter M, Parvez S, Khan MA, Alam MM. Benzimidazole based derivatives as anticancer agents: Structure activity relationship analysis for various targets. <i>Journal of Heterocyclic Chemistry</i>. 2022 Jan;59(1):22-66.</p> <p>Ahmed F, Khan MA, Haider N, Ahmad MZ, Ahmad J. Recent advances in theranostic applications of nanomaterials in cancer. <i>Current Pharmaceutical Design</i>. 2022 Jan 1;28(2):133-50.</p> <p>Basist P, Parveen B, Zahiruddin S, Gautam G, Parveen R, Khan MA, Krishnan A, Shahid M, Ahmad S. Potential nephroprotective phytochemicals: Mechanism and future prospects. <i>Journal of ethnopharmacology</i>. 2022 Jan 30;283:114743.</p> <p>Ahmad J, Haider N, Khan MA, Md S, Alhakamy NA, Ghoneim MM, Alshehri S, Imam SS, Ahmad MZ, Mishra A. Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i>. 2022 Jan 1;195:114849.</p> <p>Ahmad SS, Karim S, Ibrahim IM, Alkreathy HM, Alsieni M, Khan MA. Effect of Vitamin K</p>

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9	Dr Bushra Parveen, Assistant Professor	<p>Parveen S, Khan MA, Parveen R, Insaf A, Parveen B, Ahmad S, & Husain S (2023). An Updated Review on Traditional and Modern Aspects of Vitex negundo. <i>Current Traditional Medicine</i>. 10.2174/ 221508380866622082711591. ISSN No. 2215-0838.</p> <p>Ibrahim M, Parveen B, Zahiruddin S, Gautam G, Parveen R, Khan M, Gupta A, Ahmad S (2022). Analysis of polyphenols in Aegle marmelos leaf and ameliorative efficacy against diabetic mice through restoration of antioxidant and anti-inflammatory status. <i>Journal of Food Biochemistry</i>, 46. 10.1111/jfbc.13852. ISSN No. 0145-8884.</p> <p>Parveen A, Parveen B, Zahiruddin S, Parveen R, Aggarwal N, & Ansari SH, Ahmad S (2022). Enhancing the Immune System with Vitamin D: Especial Emphasis on Prevention of COVID-19 and Complications. <i>Current Nutrition & Food Science</i>, 10.2174/ 1573401318666220512153837. ISSN No. 15734013</p> <p>Parveen A, Ahmad M, Parveen B, Parveen R, Iqbal M (2022). The traditional system of Unani medicine, its origin, evolution and Indianization: A critical Appraisal. <i>Indian Journal of Traditional Knowledge</i>, 21(3):511-521. ISSN No. 0975-1068.</p>
10	Dr Suruchi Singh, Assistant Professor	<p>Barkha Sharma, Garvit Satija, Anish Madan, Mansi Garg, M Mumtaz Alam, M Shaquiquzzaman, Suruchi Khanna, Prachi Tiwari, Suhel Parvez, Ashif Iqbal, Syed Ehtaishamul Haque, Mohammad Ahmed Khan Role of NLRP3 Inflammation and Its Inhibitors as Emerging Therapeutic Drug Candidate for Alzheimer's Disease: a Review of Mechanism of Activation, Regulation, and Inhibition. <i>Inflammation</i>. 46, 2023, 56–87. ISSN No. 0360-3997; IF: 5.1.</p> <p>Khursheed Ahmad Sheikh, Ashif Iqbal, Mohammad Mumtaz Alam, Mymoona Akhter, Mohammad Ahmed Khan, Syed Ehtaishamul Haque, Suhel Parvez, Umar Jahangir, Mohammad Amir, Suruchi Khanna, Mohammad Shaquiquzzaman. A Quinquennial Review of Potent LSD1 Inhibitors Explored for the Treatment of Different Cancers, with Special Focus on SAR Studies. <i>Current Med Chem</i>. 2023. ISSN No. 0929-8673. IF: 4.1</p> <p>Shaista Amin, Khursheed A Sheikh, Ashif Iqbal, Mohammed Ahmed Khan, M. Shaquiquzzaman, Sharba Tasneem, Suruchi Khanna, A.K. Najmi, Mymoona Akhter, Anzarul Haque, Tarique Anwer, M. Mumtaz Alam. Synthesis, in-Silico studies and biological evaluation of Pyrimidine based Thiazolidinedione derivatives as potential Anti- diabetic agent. <i>Bioorganic Chem</i>. 134, 2023, 106449. ISSN: 0045-2068; IF: 5.1</p>
11	Dr. Mohd Afroz Ahmad, Assistant Professor	<p>Shafkeen Siddiqui- Mohammad Khushtar Syed Misbahul Hasan, Md Afroz Ahmad. Mechanism Based Physiological Effects of Piperine: A Review. <i>Current Pharmacology Reports</i>, 2023. https://doi.org/10.1007/s40495-023-00314-2</p> <p>Zoya Khan, Md Faheem, Md Afroz Ahmad. Therapeutic Potential of Myricetin. <i>Indian Journal of Research</i>, 2022; 11(08).</p> <p>Shahla Parveen, Mohammad Khushtar, Md. Arshad, Md Afroz Ahmad, Mohd Ajmal, Md Sohel Akhter. An Informative Review on Calcinated Oyster Shell. <i>YMER</i> 2022; 21(8):1-24.</p>

12. Achievements/Recognitions/Awards received/awarded to faculty members (Pls give details)

- a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

Prof Uma Bhandari

1. As NAAC Member Coordinator, nominated by NAAC (National Assessment and Accreditation Council) of UGC, Govt. of India of the Peer Team Group to Visit Shri Jain Vidya Prasarak Mandal's Rasiklal M. Dhariwal Institute of Pharmaceutical Education and Research, Chinchwad, Pune, Maharashtra from 21-12-2022 to 22-12-2022.
2. As NAAC Member Coordinator, nominated by NAAC (National Assessment and Accreditation Council) of UGC, Govt. of India of the Peer Team Group to Visit Govt College of Pharmacy, Rohru, H.P from 22-02-2023 to 23-02-2023.

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

c. Awards and Honours (Awards, fellowships of professional societies/associations)

1. Prof Uma Bhandari was awarded with Distinguished Researcher Award on International Womens Day during 8th Annual Women's Meet - AWM 2023 Organised by Centre for Women Development, Venus International Foundation, on 4th of March 2023 at Green Park, Chennai, India.
2. Prof Uma Bhandari was awarded with Best Academician of the Year 2022 during 18th Rashtriya Shiksha Gaurav Puraskar Ceremony by Centre for Education Growth and Research (CEGR) on 21-09-2022 in New-Delhi.
3. Prof. Divya Vohora was selected as the Fellow of the Indian Pharmacological Society (FIPS). The FIPS was conferred to Prof. Vohora in the inaugural ceremony of the *52nd Annual Meeting of the Indian Pharmacological Society (IPS)* held on 23rd February 2023 at Mysore.
4. Prof. Divya Vohora was Elected as a Fellow of the British Pharmacological Society (BPS), UK with a post-nominal FBPhS. The names of the Fellows were published on 2nd January 2023 in The Times, London, UK.
5. Prof. Dr. Divya Vohora was Elected as a Fellow of the National Academy of Medical Sciences (NAMS), with a post-nominal FAMS. Fellowship and award of the scroll was conferred during the Annual Convocation of NAMS in the *62nd Annual Conference at SMS Medical College, Jaipur*, Nov 12, 2022.
6. Prof. Divya Vohora was included in the Top 2% Of The World Scientists as per 2022 database for the author's whole career and for a single year impact as per Stanford University Study Results Declared in September 2022.
7. Prof. Divya Vohora received the Dr. B. K. Anand Oration Award of the National Academy of Medical Sciences, India for research contributions in Neurosciences, 23 August 2022, at NAMS.
8. Prof Abul Kalam Najmi was awarded with th Pharma Ratna Award 2022 by RBD Society UK

d. Invited as keynote or plenary speaker

1. Prof. Divya Vohora was Invited Speaker at the International Conference of Pharmacology in Drug Discovery & Disease Management, 25-26th November 2022, organized by Amrita School of Pharmacy, Kochi, Kerala and delivered a lecture entitled 'Experimental approaches for screening anti-seizure and anti-epileptogenic strategies.'

2. Prof. Divya Vohora was Invited Speaker at the 5th International Conference on Birth Defects (ICBD 2022), 21st-23rd Nov 2022, organized by JSS Medical College, Mysuru and delivered a lecture entitled 'Drug Discovery and New Drug Development'.
3. Prof. Divya Vohora delivered. Dr. B. K. Anand Oration at National Academy of Medical Sciences, 23rd August 2022 on 'Novel targets for neuroinflammation-mediated refractory status epilepticus and temporal lobe epilepsy using cell-based and in-vivo approaches.'
4. Dr. Bushra, invited speaker on the topic: "Traditional Indian herbal medicines in bone regeneration and osteoporosis" at XII IASTAM Oration & Award Function, International IASTAM Conclave 2022 on Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement, Bioactive Natural Product Laboratory, SPER, Jamia Hamdard, New Delhi, India, July 29-30, 2022.
5. Prof. Manju Sharma as Resource person in DST-SERB sponsored National Seminar on Drug Resistance: Causes and Challenges Ahead" on 11 June, 2022,
6. Dr Suruchi delivered an invited talk on "Generic vs innovator drugs perspectives' at Shri Venkateshwara University, Uttar Pradesh on 17 Dec 2022.

13. Students achievements

a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT.

1. Ms. Vaishali Yadav, a PhD research scholar of Dept. Pharmacology, SPER (Supervisor - Prof. Divya Vohora) received Young Pharmacologist Award for Best Oral Presentation in the 2nd Annual Conference of Delhi Pharmacological Society (DPSCON) held on 1st March 2023 at DPSRU, New Delhi.
2. Ms. Vaishali Yadav, a PhD research scholar of Dept. Pharmacology, SPER (Supervisor - Prof. Divya Vohora) received EMBO travel grant for attending and presenting her research work in EMBO Workshop: The cell cycle: One engine - many cycles, from 17th-20th October 2022 in Konstanz, Germany.

B) DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

1. Head of the Department: Prof. (Dr.) Bahar Ahmed

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Prof. (Dr.) Nadeem Siddiqui	M. Pharm., Ph.D (IIT, BHU)	<ul style="list-style-type: none"> • Chairperson Student Cell Council • Setting of Question paper of MPA-201T • Practical Exam of D. Pharm; DPH-202P • Invigilation Duty even semester exam 2022 • Coordinator for conducting M. Pharm I&II Sem (MPC-103T & MPC-201T) Sessionals.
2	Prof. (Dr.) Mohd. Amir	PhD	<ul style="list-style-type: none"> • Member, Central Purchase Committee • Expert member, NRI Admission • Member BOS, Dept. of Pharmaceutical Chemistry
3	Prof. (Dr.) Bahar Ahmed	PhD	<ul style="list-style-type: none"> • Headship of the Department • Teaching various Subjects
4	Prof. (Dr.) Sandhya Bawa	M. Pharm. Ph D	<ul style="list-style-type: none"> • Presiding Officer, Internal Complaint Committee, Jamia Hamdard, • Coordinator, M.Pharm Course, SPER • Member, PBAS CAS Committee, Jamia Hamdard for Promotion from Associate Professor (stage 4) to Professor (Stage 5) • Member, School level Academic Integrity Panel • Coordinator, Essay writing, Cultural Week 19/2/2023 to 26/2/2023
5.	Dr. Gita Chawla, Professor	M.Pharm, PhD	<ul style="list-style-type: none"> • Chairperson, B.Pharm Program committee • Coordinated mentor-mentee program of SPER • Worked as team leader to coordinate flying squad work assigned by University many times • Set question papers and checked answer sheets • Performed invigilation duties in end semester exams • Acted as coordinator to conduct sessional examination, display of sessional marks and submission of attendance & marks
6.	Prof. (Dr.) Asif Husain	M. Pharm., Ph.D.	<ul style="list-style-type: none"> • In-charge, Central Instrumentation Facility (CIF), SPER. • Member, CAS committee for promotion to Associate Professor, 2022. • Chairman, CIF committee, SPER, 2021. • Member, program committee M. Pharm. • Member, Selection Committee, TEM-assistant, 2022, Jamia Hamdard. • Member, Academic Council, Jamia Hamdard.

			<ul style="list-style-type: none"> Member, BOS of Department of Pharmaceutical Chemistry Team leader, Flying squad, coordinated visit many times. Member, Purchase Committee, Dept of Pharm Chem., SPER
7.	Prof. (Dr.) Mymoona Akhter Professor (Pharmaceutical Chemistry)	M. Pharm., Ph.D.	Director, Center for Teaching Support and Innovation (CTSI)
8.	Prof. (Dr.) M. Shahar Yar	M. Pharm., Ph.D.	<ul style="list-style-type: none"> Deputy Director IQAC, Deputy Proctor, Member Central Admission Committee
9.	Prof. (Dr.) M. Mumtaz Alam	M. Pharm., Ph.D.	<ul style="list-style-type: none"> Deputy Director, SODL, Member Central Admission Committee Deputy Coordinator, STUTI Programme of Jamia Hamdard PMU Coordinator for Category-II; NAAC Member of BOS of Department of Pharmaceutical Chemistry Member, House Allotment Committee Member, PBAS CAS Committee, Jamia Hamdard for Promotion from Assistant Professor (stage 3) to Associate Professor (Stage 4)
10.	Dr. Ozair Alam	M. Pharm., Ph.D.	<ul style="list-style-type: none"> Member of BOS of Department of Pharmaceutical Chemistry Member, NAAC Criteria VII Documentation Team Member of Program committee UG Deputy superintendent Exam
11.	Dr. M. Shaquiquzaman	M. Pharm., Ph.D.	<ul style="list-style-type: none"> Member of BOS of Department of Pharmaceutical Chemistry NMR facility of CIF-SPER Tabulator for D. Pharm Courses Member of CIF committee of SPER
12.	Dr. Rikeshwer Prasad Dewangan	PhD, Postdoc	<ul style="list-style-type: none"> Member of NIRF core committee Member of web cell Member of AISHE Member of CIF committee of SPER In-charge LC-MS/MS facility of CIF-SPER Admission Counsellor of SPER for B. Pharm and D. Pharm course Member of BOS of Department of Pharmaceutical Chemistry Tabulator in Examination department Member of Volleyball and Basket Ball sports club
13.	Dr Jamshed Haneef, Assistant Professor	PhD	<ul style="list-style-type: none"> Member, NAAC Criteria V Documentation Team Coordinator D. Pharm Course Committee Departmental Coordinator, AICTE PG Scholarship Admission Counsellor, SPER Tabulator, B. Pharm Course Member, PCI Approval Committee Member, SPER CIF Committee Member, Disposal Committee of CIF, SPER
14.	Dr. Md. Rafi Haider	M. Pharm., Ph.D.	<ul style="list-style-type: none"> Member (Exam Committee) Member (Library Committee) Member (Tabulation Committee)

3. Programmes/Courses offered by the Department during 2022-23

4.) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	MPharm Pharm Chemistry	PG	10	10
2.	MPharm Pharm Analysis	PG	06	06
3.	PhD Pharm Chemistry	Doctoral	--	34

5. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1	Renovation of Department building (Sper)	Rs. 35 Crores
2	Bench Top Lyophilizer from ICMR EMR adhoc project (Dr. Rikeshwar Prasad)	12.0 Lakh

6 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Jannat Ul Firdaus	Synthesis, molecular docking, in-vitro and in-vivo studies of pyrazole derivatives as α -glucosidase inhibitor: Search for potential anti-diabetic agent.	Prof. Nadeem Siddiqui Dr. Ozair Alam	ICMR-SRF
2	Shagufi Nazar	Pharmacophore approach in design and synthesis of 2,5-substituted-1,3,4-oxadiazole scaffold for screening of novel anticonvulsant agents	Prof. Nadeem Siddiqui Dr. Ozair Alam	ICMR-SRF
3	Payal Kamboj	Design and synthesis of fused heterocyclic imidazothiazole and benzothiazole analogues as potential anticancer and anti-inflammatory agents.	Prof. Mohd. Amir (Supervisor) Prof. Asif Husain (Co-supervisor)	ICMR
4	Anjali	Design and synthesis of novel Quinoxaline analogues as potential anti-inflammatory agents.	Prof. Mohd. Amir (Supervisor)	ICMR
5.	Satendra Kumar	<i>InSilico</i> Design, Synthesis and Biological evaluation of thiophene based compounds as Dual-Action Inhibitors for Cancer Treatment.	Prof. Sandhya Bawa	-
6.	Poonam Sharma	<i>In Silico</i> Design, Synthesis and Biological evaluation of Quinoline based Derivatives as potential Anticancer agents.	Prof. Sandhya Bawa	
7.	Mr. Tathagata Pradhan	Development of some novel thiazolidinone analogs as promising PPAR- γ agonists for the treatment of type 2 diabetes: in silico studies, synthesis and biological evaluation	Prof. (Dr.) Gita Chawla	JRF under SERB funded project
8.	Ms. Ojasvi Gupta	Development of some novel quinoxaline hybrids as promising antidiabetic agents: in silico studies, synthesis and biological evaluation	Prof. (Dr.) Gita Chawla	NA
9.	Ms. Neelima Shrivastava	Studies on Hybrid Heterocyclic compound: Design, Synthesis and Anticancer activity	Prof. Asif Husain	ICMR
10.	Mr. Mohammad Taha Kazmi	Thiazole based Hybrid Compounds: Design, Synthesis and Anticancer activity	Prof. Asif Husain	nil
11.	Ms. Farha Bano	Peptide Conjugated Anti-Cancer Drugs: Design, Synthesis, Biological and Pharmaceutical Evaluation	Prof. Asif Husain	ICMR
12.	Bharti Vyas	Computational studies for the identification and analysis of candidate biomarkers for autosomal human disease implicated in the hereditary hemolytic anemia	Prof. Mymoona Akhter (Supervisor) Prof. Farhan Jalees (Co-Supervisor)	ICMR
13.	Garima Singh	The Epidemiology of Diabetes and Tuberculosis	Prof. Mymoona Akhter (Supervisor) Prof. Shakir Ali (Co-Supervisor)	UGC, RGNF
14.	Naziya Neshat	Identification and synthesis of novel heterocyclic molecules as anti alzheimers agent: an in-silico approach	Prof. Mymoona Akhter (Supervisor) Dr. Mairaj Ansari (Co-Supervisor) Dr. Kalicharan Sharma (Co-Supervisor)	DST, PURSE

15.	Karuna Razdan	Identification and analysis of key regulatory genes for Alzheimer's disease associated with diabetes mellitus	Prof. Mymoona Akhter (Supervisor) Dr. Rocky Irengbam (Co-Supervisor)	
16.	Yahya Shaikh	Design and synthesis of gliptin-quinazolinone based hybrid scaffolds and evaluation of their antidiabetic activity	M Shahar Yar	ICMR-SRF
17.	Akram	"Phytochemical Analysis of some traditional medicinal plants and their assessment against liver disorder"	M Shahar Yar	CCRUM-SRF (Under Project)
18.	Amisha Gupta	Cyano-pyrimidine pendant chalcone derivatives: Design, In-silico studies, Synthesis and Anticancer evaluation targeting Lysine specific demethylase 1 (LSD1)	M Mumtaz Alam, M Shaquiquzzaman & Suhel Parvez	DST-Inspire
19	Darakshan Parween	Design, synthesis and evaluation of anticovid activity of estrogen derivatives	M Mumtaz Alam, M Shaquiquzzaman & Ruhi Ali	ICMR-JRF
20	Mohammad Kaleem	Cyano-pyrimidine derivatives tethered to benzimidazole as promising anti-cancer and anti-inflammatory: Design, in-silico studies, synthesis, and anticancer agent	M Mumtaz Alam, M Shaquiquzzaman & Mohd. Amir	SFS
21	Shaista Amin	Synthesis, Characterization and Evaluation of Pyrimidine-Thiazolidinedione Derivatives as a Therapeutic Intervention for Diabetes and Associated Secondary Complications.	M Mumtaz Alam, M Shaquiquzzaman & Abul K Najmi	ICMR-JRF
22	Kahkasha	Computational methods based screening of natural compound, virtual screening based pharmacophore modelling & dynamic simulation against diabetes	Dr. Ozair Alam	SRF-ICMR
23	Aadil Ahmad Sheikh	Development and validation of LC-MS/MS based method for the Therapeutic Drug Monitoring of Linezolid in Indian MDR TB patients.	Dr. Ozair Alam	DST-PURSE
24	Vishal Mathur	Design, Synthesis and Biological Evaluation of Pyridine based Scaffold DPP-4 inhibitors in treating Type-II diabetes	Dr. Ozair Alam	SRF-ICMR
25	Mukund Jha	Design, Computational studies, synthesis and biological evaluation of five and six heterocyclic membered derivatives for anti-diabetic agent	Dr. Ozair Alam	ICMR Funded Project-JRF
26.	Ayesha Afzal	Knowledge Analytics based searching, designing and screening of natural origin compounds through virtual screening and molecular dynamic simulation for potential antidiabetic agent	Dr. Ozair Alam	SRF-ICMR
27.	Shaheen Ali	Synthesis, Molecular Docking, and In-vitro and In-vivo Studies of Pyrazolopyridine Derivatives as Tyrosine Kinase Inhibitors: An anti-cancer Agent.	Dr. Ozair Alam	
28	Anam Ilyas	Design and synthesis of five and six heterocyclic derivatives for anticancer activity; <i>In-vitro</i> and <i>in vivo</i> studies supported by ,molecular docking and 3D QSAR predictions	Dr. Ozair Alam	
29	Khalid Saifullah	Synthesis, molecular docking and cell cycle analysis of cyanopyrimidine pendant chalcone derivatives as anticancer agents	M Shaquiquzzaman, M Mumtaz Alam & Mohd Amir	ICMR Adhoc Project JRF
30.	Khursheed Ahmed Sheikh	Design and Synthesis of cyanopyrimidine derivatives as novel lysine specific demethylase 1 (LSD1) inhibitor for treatment of cancer	M Shaquiquzzaman, M Mumtaz Alam & Suhel Parvez	ICMR-JRF
31	Shyama Charan	Design, in-silico studies and Synthesis of hydrazinocyanopyrimidine derivatives as antimicrobial and anticancer agents	M Shaquiquzzaman, M Mumtaz Alam & Mymoona Akhter	SFS
32	Aman Kumar Mahto	Design and synthesis of new peptide and peptidomimetics against drug resistant ESKAPE pathogens and their mode of action studies	Dr. Rikeshwer Prasad Dewangan (Supervisor) Prof. (Dr.) M. Shahar Yar (Co-supervisor)	ICMR Project JRF
33	Avantika Tyagi	Structure optimization of helical antimicrobial peptides for enhanced therapeutic activity against resistant pathogens and their mode of action studies	Dr. Rikeshwer Prasad Dewangan (Supervisor) Prof. (Dr.) Asif Husain (Co-supervisor)	SFS

6 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Nishtha	Design, synthesis and evaluation of Tyrosine kinase inhibitors as potential Anti-Cancer agents	19 Oct 2022	Prof. Sandhya Bawa
2	Sharba Tasneem	Synthesis and Biological evaluation of Coumarin & Cyano Pyrimidine based Anticancer & Anti-inflammatory agents	29 Dec 2022	Dr M. Shaquiquzzaman

7.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	Cloud-based Hands-on workshop on "Rational Computer Drug Design Approaches"	04-05-2022	In association with Schrodinger Inc.	100
2	Cloud-based Hands-on workshop: Computationally Driven Drug Design Workflows	29-03-2023 to 30-03-2023	In association with Schrodinger Inc.	180
3	Mapping molecules with Magnet	28th October to 3rd November, 2022	DST-STUTI	30

7.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Prof. (Dr.) Mymoona Akhter	Inculcating Universal Human Values in Technical education	9-5-2022 to 13-5-2022	AICTE (online)
2	Dr Jamshed Haneef	National Workshop on Concepts and application of Single Crystal X-Ray Diffraction	March 18-20, 2023	Aligarh Muslim University, Aligarh
3	Dr Jamshed Haneef	Refresher Course	Two weeks (07-21 August, 2022)	Teaching Learning Centre, Ramanujan College, University of Delhi
4	Dr. Rikeshwer Prasad Dewangan	2 nd International Conference on Innovations in Chemical, Biological and Pharmaceutical Sciences	November 18-19, 2022	GLA University, Mathura, India
5	Dr. Rikeshwer Prasad Dewangan	Two Week Interdisciplinary Refresher Course on Advanced Research Methodology	22 July – 05 August, 2022	Teaching, Learning Centre, Ramanujan College, University of Delhi
6	Dr. Md. Rafi Haider	National Workshop-cum-Hands on Training on Pharmacovigilance-Industry Practices	16/02/2023	Jamia Hamdard

8. Invited Lectures/Talks(2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Prof. Gowrish Joshi	NEP 2020: Learner Centric Higher Education	01.04.2022, online lecture ()	NA	64
2	Dr. Ozair Alam, Jamia Hamdard	UPLC-MS/MS: A powerful technology and its applications in Neuroscience Research	24 th December 2022, Department of Toxicology, SCLS, Jamia Hamdard.	DST-STUTI Training Programme on "Understanding Neurological Disorders: Technical Approaches and Advancements"	30
3	Dr. Ozair Alam, Jamia Hamdard	UPLC-MS/MS: An Emerging Technology	1 st November, 2022 at department of Pharmaceutical Chemistry, SPER, Jamia Hamdard	DST-STUTI Training Programme on "Mapping Molecules with Magnet" from 28 th October to 3 rd November 2022.	30

9. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Prof. (Dr.) Gita Chawla	Development of some novel thiazolidine-4-one analogs as potential PPAR- γ agonists for the treatment of Type 2 diabetes: in silico studies, synthesis and biological evaluation	01.03.2021	29.02.2024	Ongoing	1 (JRF)
2	Dr. Ozair Alam	Design, Computational studies, synthesis and biological evaluation of imidazo [1,5-a] imidazole, imidazo [1,2-a] pyrazine and thiazolo [5,4-b] pyridine derivatives: Search for novel potent selective DPP4 Inhibitors for the treatment of type-II diabetes mellitus	23.01.2023	23.01.2026	Ongoing	One JRF
3	Dr. Md. Shaquuzzaman	In Silico-Steered Synthesis, molecular docking and cell cycle analysis of sulfur-containing pyrimidine pendant chalcone derivatives as potent Lysine specific demethylase-1 (LSD1 OR KDM1A) inhibitors: A promising apoptosis inducing anticancer agents. ICMR: 5/13/7/2022/NCD-III' Amount: 30,00,000	01-12-2022	31-11-2025	Ongoing	01 JRF
4	Dr Jamshed Haneef	Investigating Mechanical Anisotropy in Polymorphs of Ambrisentan: Structural and Preformulation Evaluation Funding agency: Royal Society of Chemistry, UK Amount: Rs. 3,38,301.00	Feb 2021	July, 2022	Completed	Nil
5	Dr Jamshed Haneef	Crystal Engineering of Canagliflozin for Improving Type 2 Diabetes Mellitus	Feb 2020	March 2023	Completed	Nil

		Associated Metabolic Syndrome Funding agency: UGC, New Delhi Amount: Rs 10 lacs				
6	Dr. Rikeshwer Prasad Dewangan	Design and synthesis of intracellular targeting novel antimicrobial peptides against multidrug resistant ESKAPE pathogens and mode of action studies Funding Agency: ICMR Sanctioned Amount: 451332	14-06-2021	13-06-2024	ongoing	01 JRF

10. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1	Dr Jamshed Haneef	Canagliflozin-ascorbic acid cocrystal and its method of preparation	Jamshed Haneef Neelofar Aastha Sharma	7/11/2022	Filed
2	202111044966	Cationic conjugates of non-steroidal anti-inflammatory drugs with enhanced antibacterial efficacy	Rikeshwer Prasad Dewangan, Aman Kumar Mahto, M. Shahaar Yar	03-10-2022 (Complete filing)	Published but not granted

11. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ ESCI / Scopus/ ABDC/ UGC -CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Prof. (Dr.) Nadeem Siddiqui	a) A Ilyas, L Anwar, A Habib, S Nazar, O Alam, N Siddiqui; Computational study on gabapentin as a potential therapy for partial seizures; World Journal of Biology Pharmacy and Health Sciences 12 (3), 025-032 b) N Siddiqui, A Renukuntla, N Panjala; Molecular Docking and Bioactivity Studies of covalent inhibitors targeting RdRp of SARS-CoV-2; Rasayan Journal of Chemistry 15 (4) c) J Firdaus, N Siddiqui, O Alam, A Manaihiya, K Chandra; Identification of novel pyrazole containing α -glucosidase inhibitors: insight into pharmacophore, 3D-QSAR, virtual screening, and molecular dynamics study; Journal of Biomolecular Structure and Dynamics, 1-26 d) A Ilyas, S Nazar, N Siddiqui, O Alam, M Shaharyar, S Siddiqui; Conceptual and molecular docking study of newly developed antiepileptic drug cenobamate; World Journal of Advanced Research and Reviews 17 (3), 281-291 e) J Firdaus, N Siddiqui, O Alam, A Manaihiya, K Chandra; Pyrazole scaffold-based derivatives: A glimpse of α -glucosidase inhibitory activity, SAR, and route of synthesis; Archiv der Pharmazie 356 (5), 2200421 f) V Mathur, O Alam, N Siddiqui, M Jha, A Manaihiya, S Bawa, N Sharma, <i>et al.</i> ; Insight into Structure Activity Relationship of DPP-4 Inhibitors for Development of Antidiabetic Agents; Molecules 28 (15), 5860.

2.	Prof. (Dr.) Mohd. Amir	<p>a) Mohammad Amir, Puneet Narula and Farzana Bano, <i>Current Analytical Techniques for the Analysis of Lopinavir and Ritonavir in Pharmaceutical Dosage Form and Biological Matrices: A Review</i>, <i>Current Pharmaceutical Analysis</i>, 2022, 18, 380-414.</p> <p>b) Anjali, Payal Kamboj, Mohammad Kaleem, Mohammad Amir, Therapeutic management of arthritis: A review on structural and target based approaches, <i>Archiv der Pharmazie</i>, 2022, 355 (11), e2200182.</p> <p>c) Payal Kamboj, Anjali, Asif Husain, Mohammad Shaquiquzzaman, M. Mumtaz Alam, Mohammad Amir*, A Review on the Synthesis and Anticancer Potentials of Imidazothiazole Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i>, 2023, 23, (17), 1733-1759.</p> <p>d) Jamshed Haneef, Mohd Amir Nadeem Ahmed Sheikh, Renu Chadha, Mitigating Drug Stability Challenges Through Cocrystallization, <i>AAPS Pharm Sci Tech</i>, 2023, 24:62.</p>
3.	Prof. (Dr.) Bahar Ahmed	<p>a) Pranav Pandey , B. Ahmed, J. Prasad, M. Bala and H. A. Khan; Hepatorenal Biomacromolecules Modification by Gallic Acid Ethyl Ester in the Gamma-Irradiated Murine Model; <i>Indian J Pharm Sci</i>. 2023;85(2):491-500.</p> <p>b) Subham Das, Shubham Roy, Sk Batin Rahaman, Saleem Akbar, Bahar Ahmed, Debojyoti Halder, K R Anu, Alex Joseph; Structure-Activity Relationship Insight of Naturally Occurring Bioactive Molecules and Their Derivatives Against Non-Small Cell Lung Cancer: A Comprehensive Review; <i>Current Medicinal Chemistry</i>, XXXX, XX, 1-00 (2023).</p> <p>c) Subham Das, Anu Kunnath Ramachandran, Debojyoti Halder, Saleem Akbar, Bahar Ahmed and Alex Joseph, Mechanistic and Etiological Similarities in Diabetes Mellitus and Alzheimer's Disease: Antidiabetic Drugs as Optimistic Therapeutics in Alzheimer's Disease: CNS & Neurological Disorders - Drug Targets, 2023, 22, 973-993 973.</p>
4.	Prof. Dr. Gita Chawla	<p>a) A comprehensive review on the antidiabetic attributes of thiazolidine-4-ones: Synthetic strategies and structure-activity relationships, joint, <i>Archiv der Pharmazie</i>, 356, 15/11/2022, online ISSN: 1521-4184</p> <p>b) An updated review on diverse range of biological activities of 1, 2, 4-triazole derivatives: Insight into structure activity relationship, joint, <i>Journal of Molecular Structure</i>, 1274, 15/02/2023, Online ISSN: 1872-8014</p>
5	Prof. (Dr.) Asif Husain	<p>a) Asif Husain, Harshit Chanana, Shah Alam Khan, UM Dhanalekshmi, M Ali, Anwar A Alghamdi, Aftab Ahmad (2022) Chemistry and Pharmacological Actions of Delphinidin, a Dietary Purple Pigment in Anthocyanidin and Anthocyanin Forms, <i>Front Nutr.</i>, 2022, 9, 746881. (IF= 6.59)</p> <p>b) Deepika Choudhary, Isha Rani, Jyoti Monga, Rajat Goyal, Asif Husain, Prabha Garg, Sukhbir L Khokra (2022) Pyrazole based furanone hybrids as novel antimalarial: A combined experimental, pharmacological and computational study, <i>Central Nervous System Agents Med. Chem.</i>, 22(1), 39-56. (IF= 1.956)</p> <p>c) Asif Husain, Silky Bedi, Shazia Parveen, Shah Alam Khan, Aftab Ahmad, Md Azhar Iqbal, Aasif Farooq, Anwar Ahmed (2022) Furanone-functionalized benzothiazole derivatives: synthesis, in vitro cytotoxicity, ADME, and molecular docking studies, <i>Zeitschrift für Naturforschung B</i>, 77(1), 41-53. (IF= 1.047)</p> <p>d) Asif Husain, Abdullah F. AlAsmari, Syed Najmul Hejaz Azmi, Nemat Ali, Md Moklesur Rahman Sarker, Metab Alharbi, Mohd Ishtikhar, Shah Alam Khan (2022) Rational drug design, synthesis, and in vivo biological activity of new indolyl-imidazolone hybrids as potential and safer non-steroidal anti-inflammatory agents, <i>J. King Saud Univ.- Sci.</i>, 34(4), 102023. (IF= 3.829)</p> <p>e) Azhar, I. M.; Asif, H.; Sanjar, A. (2022) Design, Synthesis, Biological Evaluation and in-Silico Study of Imidazopyridine Linked Thiazolidinone As Promise Anticancer Agents. <i>J Pharm Chem</i>, 8, 111.</p> <p>f) Munendra M. Varshney, Pooja A. Chawla, Ghanshyam Teli, Asif Husain. (2023) Synthesis, Characterization, In vitro Antimicrobial and Antiinflammatory evaluation of {5'-(substituted aryl)-2-furanyl}-3,4-dihydro-1H-pyrimidine-2-one derivatives. <i>Indian Drugs</i>, 60(3), 17-29.</p>
6.	Prof. (Dr.) Mymoona Akhter	g) S Sharma, M. H R Ansari, K Sharma, R K Singh, S Ali, M. M Alam, M.

		<p>Shaqiqzamman, P Alam & Mymoona Akhter, Pyrazoline scaffold: hit identification to lead synthesis and biological evaluation as antidiabetic agents, <i>Future Med Chem</i> 2023;15(1):9-24. doi: 10.4155/fmc-2022-0141.</p> <p>h) Vyas, B., Bhowmik, R., Akhter, M. et al. Identification, analysis of deleterious SNPs of the human <i>GSR</i> gene and their effects on the structure and functions of associated proteins and other diseases. <i>Sci Rep</i> 12, 5474 (2022). https://doi.org/10.1038/s41598-022-09295-6</p>
7.	Prof. (Dr.) M. Shahar Yar	<p>a) Sharma, Abhishek S; Mazumder, Avijit; Kumar, Rajnish; Datt, Vimal; Shabana, Km; Tyagi, Sonakshi; Shahar Yar, Mohammad; Ahsan, Mohamed; Recent Updates on Synthesis, Biological Activity and Structure-activity Relationship of 1, 3,4-Oxadiazole-quinoline Hybrids: A Review <i>Current Organic Synthesis</i> 20 7 758-7872023 1570-1794.</p> <p>b) Pradhan, Vikas; Kumar, Rajnish; Mazumder, Avijit; Abdullah, Mohammad Mustaqeem; Shahar Yar, Mohammad; Ahsan, Mohamed Jawed; Ullah, Zabih; Molecular target interactions of quinoline derivatives as anticancer agents: A review <i>Chemical Biology & Drug Design</i>, 101, 4, 977-997, 2023, 1747-0285.</p> <p>c) Chauhan, Bharti; Kumar, Rajnish; Salahuddin; Singh, Himanshu; Afzal, Obaid; Altamimi, Abdulmalik Saleh Alfawaz; Abdullah, Mohd Mustaqeem; Yar, Mohammad Shahar; Ahsan, Mohamed Jawed; Kumar, Neeraj; Design, Synthesis, In Vivo, and In Silico Evaluation of Benzothiazoles Bearing a 1, 3, 4-Oxadiazole Moiety as New Antiepileptic Agents, <i>ACS omega</i> 8 2 2520-2530 2023 2470-1343</p> <p>d) Ray, Pushkar Kumar; Salahuddin; Mazumder, Avijit; Kumar, Rajnish; Ahsan, Mohamed Jawed; Yar, Mohammad Shahar; Synthesis, Anticonvulsant, and Molecular Docking Studies of (3, 5-disubstituted-4, 5-dihydro-1H-pyrazol-1-yl)(4-chlorophenyl) Methanone Derivatives, <i>INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH</i> 57 1 202-209 2023 0019-5464</p> <p>e) Tiglani, Devleena; Salahuddin; Mazumder, Avijit; Kumar, Rajnish; Yar, Mohammad Shahar; Ahsan, Mohamed Jawed; Shabana, Km; Synthesis Anticonvulsant and Cytotoxic Evaluation of Benzimidazole-Quinoline Hybrids Schiff Base Analogs Polycyclic Aromatic Compounds, Jan-21 2023 1040-6638</p> <p>f) Ilyas, Anam; Nazar, Shagufi; Siddiqui, Nadeem; Alam, Ozair; Shaharyar, M; Siddiqui, Shaiza; Conceptual and molecular docking study of newly developed antiepileptic drug cenobamate, <i>World Journal of Advanced Research and Reviews</i> 17 3 281-2912023 2581-9615</p> <p>g) Choudhary, Akram; Noman, Md; Bano, Uzma; Khan, Asim A; Akhtar, Jamal; Mir, Showkat R; Yar, M Shahar; Medicinal and therapeutic properties of Jamun (<i>Syzygiumcumini</i>)—A Comprehensive Review <i>International Journal of Pharma Professional's Research (IJPPR)</i> 14 215-23 2023 0976-6723</p> <p>h) Tyagi, Sonakshi; Mazumder, Avijit; Kumar, Rajnish; Datt, Vimal; Shabana, Km; Yar, Mohammad S; Ahsan, Mohamed Jawed; Synthesis and SAR of Potential Anti-Cancer Agents of Quinoline Analogues: A Review <i>Medicinal Chemistry</i> 19 8 785-8122023 1573-4064.</p> <p>i) Shabana, Km; Salahuddin; Mazumder, Avijit; Singh, Himanshu; Kumar, Rajnish; Tyagi, Sonakshi; Datt, Vimal; Shankar Sharma, Abhishek; Shahar Yar, Mohammad; Jawed Ahsan, Mohamed; Synthesis, Characterization, In Silico and In Vivo Evaluation of Benzimidazole-Bearing Quinoline Schiff Bases as New Anticonvulsant Agents <i>Chemistry Select</i> 8 21 e202300209 2023 2365-6549.</p> <p>j) Choudhary, Akram; Noman, Mohammad; Bano, Uzma; Akhtar, Jamal; Shaikh, Yahya; Yar, Mohammad Shahar; Global uses of traditional herbs for hepatic diseases and other pharmacological actions: A comprehensive review, <i>Polimery w medycynie</i> 20232451-2699</p> <p>k) Yahya, Shaikh; Gour, Vivek Kumar; Gour, Sadhna; Choudhary, Akram; Noman, MD; Yar, M Shahar; Vats, Nisha; Exploration of Isatin as Anti-cancer and Anti-tubercular Modern Armamentarium. A Comprehensive Review on Isatin Congeners and its Promising Biological Activities <i>International Journal of Pharma Professional's Research (IJPPR)</i> 14 3 151-163 2023 0976-6723</p>

		<p>l) Tiglani, Devleena; Salahuddin; Mazumder, Avijit; Yar, Mohammad Shahar; Kumar, Rajnish; Ahsan, Mohamed Jawed; Benzimidazole-quinoline hybrid scaffold as promising pharmacological Agents: A review Polycyclic Aromatic Compounds 42 8 5044-5066 2022 1040-6638</p> <p>m) Haider, Kashif; Shrivastava, Neelima; Pathak, Ankita; Dewangan, Rikeshwer Prasad; Yahya, Shaikh; Yar, M Shahar; Recent advances and SAR study of 2-substituted benzothiazole scaffold based potent chemotherapeutic agents Results in Chemistry 4 100258 20222211-7156</p> <p>n) Haider, Kashif; Yar, Mohammad Shahar; Advances of benzimidazole derivatives as anticancer agents: bench to bedside, Benzimidazole 3 2022 978-1-80355-122-7</p> <p>o) Haider, Kashif; Sharma, Anku; Yar, M Shahar; Yakkala, Anjaneyulu; Shafi, Syed; Kamal, Ahmed; Novel approaches for the development of direct KRAS inhibitors: structural insights and drug Expert Opinion on Drug Discovery 17 3 247-257 2022 1746-0441</p> <p>p) Haider, Kashif; Das, Subham; Joseph, Alex; Yar, M Shahar; An appraisal of anticancer activity with structure–activity relationship of quinazolinone and quinazolinone analogues through EGFR and VEGFR inhibition: A review Drug Development Research 83 4 859-890 2022 1098-2299</p> <p>q) Grover, Gourav; Pal, Rohit; Bhatia, Rohit; Yar, M Shahar; Nath, Singh, Shamsher; Raj, Khadga; Kumar, Bhupinder; Akhtar, Md Design, synthesis, and pharmacological evaluation of aryl linked 1, 2, 4-triazine derivatives as anticonvulsant agents Medicinal Chemistry Research 31 5 781-793 20221054-2523</p> <p>r) Haider, Kashif; Shafeeq, Mohd; Yahya, Shaikh; Yar, M Shahar; A comprehensive review on pyrazoline based heterocyclic hybrids as potent anticancer agents European Journal of Medicinal Chemistry Reports 5 1000422022 2772-4174</p> <p>s) Haider, Kashif; Ahmad, Kamal; Najmi, Abul Kalam; Das, Subham; Joseph, Alex; Shahar Yar, M; Design, synthesis, biological evaluation, and in silico studies of 2-aminobenzothiazole derivatives as potent PI3Kα inhibitors Archiv der Pharmazie 355 10 2200146 2022 1521-4184</p> <p>t) Sartaj, Ali; Annu, Alam, Meraj; Biswas, Largee; Yar, Mohammad Shahar; Mir, Showkat Rasool; Verma, Anita Kamra; Baboota, Sanjula; Ali, Javed; Combinatorial delivery of Ribociclib and green tea extract mediated nanostructured lipid carrier for oral delivery for the treatment of breast cancer synchronising in silico, in vitro, and in vivo studies Journal of Drug Targeting 30 10 1113-1134 2022 1029-2330</p> <p>u) Haider, Kashif; Sharma, Shivani; Pokharel, Yuba Raj; Das, Subham; Joseph, Alex; Najmi, Abul Kalam; Ahmad, Faiz; Yar, Mohammad Shahar; Synthesis, biological evaluation, and in silico studies of indole-tethered pyrazoline derivatives as anticancer agents targeting topoisomerase IIα Drug Development Research 83 7 1555-1577 20221098-2299</p> <p>v) Deeba, Farah; Yar, Mohammad Shahar; Haidar, Mohammad Rafi; Sharma, Arun K; Sharma, Manju; Synthesis, molecular docking, and pharmacological evaluation of 5-(4-(2-(5-ethyl pyridine-2-yl) ethoxy) benzyl)-3-(phenylsulfonyl) thiazolidine-2, 4-dione against HFD-induced diabetes via interaction with the CB1 receptor Iranian Journal of Basic Medical Sciences 25 8 1028 2022 2008-3874</p> <p>w) Yahya, Shaikh; Haider, Kashif; Pathak, Ankita; Choudhary, Akram; Hooda, Pooja; Shafeeq, Mohd; Shahar Yar, Mohammad; Strategies in synthetic design and structure–activity relationship studies of novel heterocyclic scaffolds as aldose reductase-2 inhibitors Archiv der Pharmazie 355 12 2200167 2022 1521-4184</p> <p>x) Yakkala, Prasanna A; Panda, Samir R; Shafi, Syed; Naidu, VGM; Yar, M Shahar; Ubanako, Philemon N; Adeyemi, Samson A; Kumar, Pradeep; Choonara, Yahya E; Radchenko, Eugene V; Synthesis and Cytotoxic Activity of 1, 2, 4-Triazole-Linked Bis-Indolyl Conjugates as Dual Inhibitors of Tankyrase and PI3K, Molecules 27 21</p>
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		<p>7642 2022 1420-3049</p> <p>y) Ray, Pushkar Kumar; Salahuddin; Mazumder, Avijit; Kumar, Rajnish; Ahsan, Mohamed Jawed; Yar, Mohammad Shahar; Synthesis, Anticonvulsant, and Molecular Docking Studies of 2-(2-Benzyl-1H-benzimidazol-1-yl)-1-(3, 5-disubstituted phenyl)-4, 5-dihydro-1H-pyrazol-1-yl) ethan-1-ones INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY 32 3 321-330 2022 2456-4311</p> <p>z) Datt, Vimal; Salahuddin; Mazumder, Avijit; Kumar, Rajnish; Singh, Himanshu; Tyagi, Sonakshi; Shabana, KM; Ahsan, Mohamed Jawed; Yar, Mohammad Shahar; Synthesis and Pharmacological Evaluation of Some New (1H-Benzimidazol-2-yl)-substituted Methyl-1-(6-substituted-2-chloroquinolin-3-yl) Methanimines, INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY 32 3 379-385, 2022 2456-4311</p>
8.	Prof. (Dr.) M. Mumtaz Alam	a) Madan, Anish; Garg, Mansi; Satija, Garvit; Sharma, Barkha; Shaquiquzzaman, Mohammad; Akhter, Mymoonaa; Iqbal, Ashif; Khan, Mohammad Ahmed; Parvez, Suhel; Das, Anwasha; Mohammad Mumtaz ; SAR based review on diverse heterocyclic compounds with various potential molecular targets in the fight against Covid-19: a medicinal chemist perspective, Current Topics in Medicinal Chemistry, 2023.
9.	Dr. Ozair Alam	<p>a) Manaithiya A, Alam O, Mittal S, Naim MJ, Imran M, Alshrari AS, Sheikh AA, Khan IA. An Updated and Focused Review on Heterocyclic Inhibitors for SARSCoV and SARS-CoV-2 3CL^{pro}. <i>Mini Rev Med Chem.</i> 2023, 23(5):576-632, (Published on 20TH October 2022)</p> <p>b) Kahksha, Alam O, Al-Keridis LA, Khan J, Naaz S, Alam A, Ashraf SA, Alshammari N, Adnan M, Beg MA. Evaluation of Antidiabetic Effect of Luteolin in STZ Induced Diabetic Rats: Molecular Docking, Molecular Dynamics, In Vitro and In Vivo Studies. <i>J Funct Biomater.</i> 2023 Feb 25;14(3):126.</p> <p>c) Firdaus JU, Siddiqui N, Alam O, Manaithiya A, Chandra K. Identification of novel pyrazole containing α-glucosidase inhibitors: insight into pharmacophore, 3D-QSAR, virtual screening, and molecular dynamics study. <i>J Biomol Struct Dyn.</i> 2022 Nov 14:1-26.</p> <p>d) Azam F, Taban IM, Eid EEM, Iqbal M, Alam O, Khan S, Mahmood D, Anwar MJ, Khalilullah H, Khan MU. An <i>in-silico</i> analysis of ivermectin interaction with potential SARS-CoV-2 targets and host nuclear importin α. <i>J Biomol Struct Dyn.</i> 2022 Apr;40(6):2851-2864.</p> <p>e) Imran M, Khan SA, Abida, Alshammari MK, Alkhaldi SM, Alshammari FN, Kamal M, Alam O, Asdaq SMB, Alzahrani AK, Jomah S. <i>Nigella sativa</i> L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions, and Patent Literature. <i>Molecules.</i> 2022 Apr 25;27(9):2750.</p>
10.	Dr. M. Shaquiquzzaman	<p>a) Tasneem, Sharba; Alam, Mohammad M; Amir, Mohammad; Akhter, Mymoonaa; Parvez, Suhel; Verma, Garima; Nainwal, Lalit Mohan; Eqbal, Ashif; Anwer, Tarique; Shaquiquzzaman, Mohammad; Heterocyclic Moieties as HDAC Inhibitors: Role in Cancer Therapeutics; Mini Reviews in Medicinal Chemistry, 2022, 22(12), 1648-1706.</p> <p>b) Tasneem, Sharba; Sheikh, Khursheed A; Naematullah, Md; Alam, M Mumtaz; Khan, Farah; Garg, Manika; Amir, Mohd; Akhter, Mymoonaa; Amin, Shaista; Haque, Anzarul; Mohd Shaquiquzzaman; Synthesis, biological evaluation and docking studies of methylene bearing cyanopyrimidine derivatives possessing a hydrazone moiety as potent Lysine specific demethylase-1 (LSD1) inhibitors: A promising anticancer agents, Bioorganic Chemistry, 2022, 126, 105885</p> <p>c) Sheikh, Khursheed Ahmad; Iqbal, Ashif; Alam, Mohammad Mumtaz; Akhter, Mymoonaa; Khan, Mohammad Ahmed; Haque, Syed Ehtashamul; Parvez, Suhel; Jahangir, Umar; Amir, Mohammad; Khanna, Suruchi; Mohammad, Shaquiquzzaman; A Quinquennial Review of Potent LSD1 Inhibitors Explored for the Treatment of Different Cancers, with Special Focus on SAR Studies, Current Medicinal Chemistry, 2023</p>
11.	Dr Jamshed Haneef	a) Jamshed Haneef, Mohd Amir, Nadeem Ahmed Sheikh, Renu Chadha. <i>Mitigating Drug Stability Challenges Through Cocrystallization.</i> AAPSP PharmSciTech 2023, 24, 62.
12.	Dr. Rikeshwer Prasad Dewangan	a) Birat, Kanchan; Siddiqi, Tariq Omar; Mir, Showkat Rasool; Aslan, Junaid; Bansal, Rakhi; Khan, Washim; Dewangan, Rikeshwer Prasad; Panda, Bibhu Prasad; Enhancement of vincristine under in vitro culture of

		<p>Catharanthus roseus supplemented with <i>Alternaria sesami</i> endophytic fungal extract as a biotic elicitor. <i>International Microbiology</i> 2022, 25, 275-284.</p> <p>b) Haider, Kashif; Shrivastava, Neelima; Pathak, Ankita; Dewangan, Rikeshwer Prasad; Yahya, Shaikh; Yar, M Shahar; Recent advances and SAR study of 2-substituted benzothiazole scaffold based potent chemotherapeutic agents, <i>Results in Chemistry</i>, 2022, 4, 100258.</p> <p>c) Dewangan, Rikeshwer Prasad; Verma, Devesh Pratap; Verma, Neeraj Kumar; Gupta, Ankit; Pant, Garima; Mitra, Kalyan; Habib, Saman; Ghosh, Jimut Kanti; Spermine-Conjugated Short Proline-Rich Lipopeptides as Broad-Spectrum Intracellular Targeting Antibacterial Agents, <i>Journal of Medicinal Chemistry</i>, 2022, 65, 5433-5448.</p> <p>d) Shrivastava, Nupur; Parikh, Ankit; Dewangan, Rikeshwer Prasad; Biswas, Largee; Verma, Anita Kamra; Mittal, Saurabh; Ali, Javed; Garg, Sanjay; Baboota, Sanjula; Solid Self-Nano emulsifying nanoplatform loaded with Tamoxifen and Resveratrol for treatment of breast cancer, <i>Pharmaceutics</i>, 2022, 14, 1486.</p> <p>e) Sharma, Taniya; Kundu, Nikita; Kaur, Sarvpreet; Chakraborty, Amlan; Mahto, Aman Kumar; Dewangan, Rikeshwer Prasad; Shankaraswamy, Jadala; Saxena, Sarika; Recognition and unfolding of human telomeric G-quadruplex by short peptide binding identified from the HRDC domain of BLM helicase, <i>RSC advances</i>, 2022, 12, 21760-21769</p> <p>f) Kundu, Nikita; Sharma, Taniya; Kaur, Sarvpreet; Mahto, Aman Kumar; Prasad Dewangan, Rikeshwer; Shankaraswamy, J; Saxena, Sarika; Significant destabilization of human telomeric G-quadruplex upon peptide binding: dramatic effect of flanking bases, <i>Journal of Biomolecular Structure and Dynamics</i>, 2023, 41, 7119-7127.</p> <p>g) Paroha, Shweta; Verma, Juhi; Chandel, Arvind K Singh; Kumari, Shalini; Rani, Laxmi; Dubey, Ravindra Dhar; Mahto, Aman Kumar; Panda, Amulya K; Sahoo, Pravat Kumar; Dewangan, Rikeshwer Prasad; Augmented therapeutic efficacy of Gemcitabine conjugated self-assembled nanoparticles for cancer chemotherapy, <i>Journal of Drug Delivery Science and Technology</i>, 2022, 76, 103796.</p> <p>h) Birat, Kanchan; Binsuwaidan, Reem; Siddiqi, Tariq Omar; Mir, Showkat Rasool; Alshammari, Nawaf; Adnan, Mohd; Nazir, Rahila; Ejaz, Bushra; Malik, Moien Qadir; Dewangan, Rikeshwer Prasad; Report on Vincristine-Producing Endophytic Fungus <i>Nigrosporazimmermanii</i> from Leaves of <i>Catharanthus roseus</i>, <i>Metabolites</i>, 2022, 12, 1119.</p> <p>i) Khare, Shruti; Dewangan, Rikeshwer Prasad; Kumar, Ajay Structure-Activity Relationship of Flavonoids: Recent Updates, 2022, 235-256. (Book Chapter)</p>
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12. Achievements/Recognitions/Awardsreceived/awarded to faculty members (Pls give details)

Prof. Sandhya Bawa

Certificates of Recognition from Jamia Hamdard for more than 100 citations (2023)

Prof. Nadeem Siddiqui

- Certificate of recognition for research work published in *Bioorg. & Med. Chem.* 2007 cited more than 100 times on GoogleScholar. National Science Day, Feb, 28, 2022, Jamia Hamdard, New Delhi
- Certificate of recognition for research work published in *Acta Polaenia Pharmaceutica n Drug Research* (2009) cited more than 100 times on GoogleScholar. National Science Day, Feb, 28, 2022, Jamia Hamdard, New Delhi
- Certificate of Recognition for listing in Top 2% of the World Scientist in the field of "Pharmacology and Pharmacy" in the year 2021, National Science Day, Feb, 28, 2022, Jamia Hamdard, New Delhi
- Certificate of Appreciation for being recognized in list of top 2% Scientist of World-2022, National Scienceday-Feb. 28,2023, Jamia Hamdard, New Delhi

Dr Jamshed Haneef

Best Oral Presentation Award in National Conference on Interdisciplinary Approaches in Chemical Sciences at CIRBS, Jamia Millia Islamia, New Delhi, India (March 16, 2023)

Dr. Rikeshwer Prasad Dewangan

- a) Research paper recognition award for publication in SCI index journal of impact factor more than 7.0.
- b) Research paper recognition award for publication in SCI index journal of impact factor more than 5.0.
- c) Best Oral Presentation Award in 2nd International Conference on Innovations in Chemical, Biological and Pharmaceutical Sciences, organized by GLA University, Methura, India (November 18-19, 2022)

a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

Prof. (Dr.) Asif Husain: Member, Project Evaluation Committee, DST

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)**Prof. Sandhya Bawa**

External Member, Board of Studies, DPSR University, New Delhi.

Prof. Asif Husain

Member, BoS, IFTM, Moradabad Member,
BoS, Kashmir University
Member, KIET School of Pharmacy, Ghaziabad

Prof. M. Shahar Yar

Member Board of Research Studies, IFTM, Moradabad, UP
Member Board of Research Studies, Jaipur National University, Jaipur, Rajasthan

Prof. M. Mumtaz Alam

External Expert, Research Advisory Committee, Integral University, Lucknow, Uttar Pradesh.

c. Awards and Honours (Awards, fellowships of professional societies/associations) Prof.**Asif Husain:**

1. Associate Member, World Academy of Sciences
2. Name featured in the worldwide ranking of top 2% scientists in the field of Medicinal & Biomolecular Chemistry by Stanford University, USA (https://techtalkdotorg.files.wordpress.com/2021/11/2020_top_indian_researchers_stanford_study.pdf)
3. `Who is Who in Science`, Biography regularly published, International Biographic Center, Great Britain,
4. Co-PI in Two projects of KEP, and KAU, Ministry of Education, KSA
5. International consultant, TRC, Research grant-under block funding program, Oman.
6. Received `Certificate of Recognition` and `Certificate of Appreciation` from Jamia Hamdard on National Science Day, 2022

Prof. (Dr.) Mymoona Akhter-APP Women Scientist Award 2023, awarded by Association of Pharmacy Professionals

Prof. (Dr.) M. Mumtaz Alam:Certificate of Recognition on National Science Day,Jamia Hamdard for published article cited >100 times

Dr. Ozair Alam:

- 1) **Certificate of Appreciation for publishing research paper on high impact factor journal** *Pharmaceuticals* 2022, 15(3), 280, on science day at Jamia Hamdard, New Delhi.
- 2) **Certificate of Appreciation for high citation (more than 100) of publication** *European Journal of Medicinal Chemistry* (2018) on science day at Jamia Hamdard, New Delhi.
- 3) **Certificate of Appreciation for high citation (more than 100) of publication** *Archiv der Pharmazie* (2017) on science day at Jamia Hamdard, New Delhi.

Dr. M. Shaquiquzzaman:Certificate of Recognition on National Science Day,Jamia Hamdard for published article in impact factor more than 5

d. Invited as keynote or plenary speaker.

Prof. (Dr.) Mymoona Akhter-Resource Person as a speaker on the occasion of 61st National Pharmacy Week (21st to 26th November 2022), on "Pharmacy of the World: India, organized by the School of Pharmaceutical Sciences, ApeejayStya University.

Prof. (Dr.) M. Shahar Yar-Delivered an invited lecture on "Estimation of Anticancer and Anti- oxidant Effect of Unani Medicine Against Liver cancer: A preclinical Study" in International conference in Unani Medicine during Unani Day Celebrations on 10th February, 2023 organized by Central Council for Research in Unani Medicine (CCRUM). Ministry of AYUSH, Govt. of India.

Dr. Ozair Alam

- 1) Invited as a Evaluator for scientific poster session in International conference on contemporary issues in management and pharmaceutical sciences-2023 at LLOYD, Greater Noida on 18th March 2023.
- 2) Invited as a Evaluator for International IASTAM Conclave 2022 on July 29-30, 2022, Jamia Hamdard, New Delhi.

Dr Jamshed Haneef-Plenary speaker (Online mode) in One day National Conference organized by Himalayan Institute of Pharmacy, Kala Amb, Himachal Pradesh on 3rd December, 2022.

Dr. Rikeshwer Prasad Dewangan-Keynote speaker in One-day symposium on Biotechnology in Health and Environment, organized by Amity Institute of Biotechnology, Amity University, Mumbai, India, Dated 26th September, 2022.

13. Students achievements

Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)

Prof. Asif Husain: 01 Students received ICMR fellowship, 01 candidate received RA, ICMR

DEPARTMENT OF PHARMACOGONOSY

1. Head/Director of the Department/Centre/Unit: Professor Bibhu Prasad Panda

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Professor S. H. Ansari	M. Pharm, Ph.D.	Director, DODL
2	Professor. Vidhu Aeri	M. Pharm, Ph.D.	Dean, SPER
3	Professor Mohd. Mujeeb	M. Pharm, Ph.D.	Head of the Department, (Pharmacognosy & Phytochemistry)
4	Dr. Showkat Rasool Mir (Associate Professor)	M. Pharm, Ph.D.	Convener, SGRC, JH Nodal Officer, PMSSS, SPER
5	Professor Bibhu Prasad Panda	M. Pharm, Ph.D.	Coordinator -AICTE PG Scholarship Program
6	Professor Sayeed Ahmad	M. Pharm, Ph.D.	Head of the Department, (Food technology) Director, Centre of Excellence in Unani Medicine
7.	Dr. Adil Ahamad Assistant Professor	M. Pharm, Ph.D.	University Management System (UMS) coordinator of SPER, Jamia Hamdard. Admission committee in- charge of M. Pharm, SPER, Jamia Hamdard. Committee Member of in Sports Week, SPER, Jamia Hamdard.

3. Programmes/Courses offered by the Department during 2022-2023 (a)

UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	M. Pharm (Pharmacognosy)	PG	08	07
2.	M. Pharm (Pharmaceutical Biotechnology)	PG	05	05
3.	PhD in Pharmacognosy & Phytochemistry	Doctoral		06
4.	PhD in Pharmacognosy & Phytochemistry with specialization in Pharmaceutical Biotechnology	Doctoral		01

4. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1.	LC-MS under UGC SAP-II Grant	96 lakhs
2.	Center of Excellence in Unani Medicine	1000 lakhs

5. Details of post-doctoral Research scholars attached to the Department during 2022-2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. Jalaludin	DHR Young scientist	DHR, govt of India	Pharmaceutical Biotechnology
2	Dr. Sultan Zahiruddin	Research Associate	AYUSH	Phytochemistry

6 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Prerna Saxena	Combinatorial herbal drug loaded Nano-Lipid Scaffold of 5-Fluorouracil for amelioration of Skin Cancer.	Prof Mohd Mujeeb	NA
2	Azak Tauseef	Composite nano gel formulation of bioactive constituents of <i>Woodfordia fruticosa</i> (L.) Kurz and <i>Bergenia ligulata</i> (Wall.) Engl with Clobetasol for the amelioration of Psoriasis	Prof Mohd Mujeeb	NA
3	Shubham	Not Decided	Prof Mohd Mujeeb	NA
4	Ms. Zakiya Usmani	Profiling of steroidal saponins from <i>Asparagus racemosus</i> Linn. and their evaluation against menstrual irregularities leading to osteoporosis	Dr. Showkat R. Mir Prof. Abul Kalam Najmi	NA
5	Ms. Taru Mishra	Screening of Artemisia absinthium aerial parts for the identification of anti-diabetic constituents and their formulation development	Dr. Showkat R. Mir Prof. Saima Amin	NA
6	Farheen Azad	Assessment of developed bio-nutraceutical supplementation in the matrix mineralization and regulation of bone morphogenetic markers In-vitro for postmenopausal osteoporosis	Prof. Bibhu Prasad Panda	ICMR, SRF
7	Ms Monalisha Samal	Determination of brain tonic potential of AYUSH formulations using in vitro, in vivo and metabolomics approaches	Prof. Sayeed Ahmad	AYUSH-CCRUM
8	Ms Varsha Srivastav	Development of an AYUSH-based synergistic combination against <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP) - A major disease liability of the dairy industry	Prof. Sayeed Ahmad	DBT
9	Ms Areeba Insaf	Metabolomics profiling and identification of tyrosinase-inhibitory compounds from Indian medicinal plants for the development of a topical fairness formulation	Prof. Sayeed Ahmad	HNF

6 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Mr Gaurav Gautam (ICMR-SRF)	Development of phytopharmaceutical and synergy-based combination of <i>Boerhavia diffusa</i> L. and <i>Tinospora cordifolia</i> L. for chronic kidney diseases using in vitro, in vivo, and metabolomics approaches	Awarded 12-11-2022	Prof. Sayeed Ahmad
2.	Mr Sultan Zaheeruddin	Metabolomic profiling and stability analysis of Arqiyat of Unani Pharmacopoeia of India	February 14, 2023	Prof. Sayeed Ahmad

7. (a) Seminars/ Symposium/ Conferences/ Workshops/ CME/ faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	International IASTAM 2022 CONCLAVE (IASTAM 2022)	July 29-30, 2022	Sponsored by AYURSWAS THYA YOJANA SCHEME (S-12013/2/2021-SCHEME) Ministry of AYUSH, Govt of India	>1200 delegates
2	(Workshop) COMPETENCY DEVELOPMENT OF AYUSH PROFESSIONALS	July 27-29, 2022	Sponsored by AYURSWAS THYA YOJANA SCHEME (S-12013/2/2021-SCHEME) Ministry of AYUSH, Govt of India	200 delegates.

7. (b) Faculty Development Programmes/Workshops/Induction programmes/Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Adil Ahamad	CoE Workshop 2022	27-29 th July, 2022	Jamia Hamdard
2.	Dr. Adil Ahamad	DST STUTI Training Programme	28 th Oct. to 3 rd Nov. 2022	Jamia Hamdard

8. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Dr Mohd Shahid Associate Professor, Chicago State University	-	CoE, BNPL	-	130
2.	Mr Naveen Sahni Sr. GM Retail-North, Apollo Pharmacy DGM marketing	-	CoE, BNPL	-	130
3.	Dr kailash Chandra Assistant Professor, HIMSR, Jamia Hamdard	-	CoE, BNPL	-	130
4.	Dr Mairaj Ahmed Ansari Assistant Professor, SCLS, Jamia Hamdard	-	CoE, BNPL	-	130
5.	Dr Astha Bhardwaj	-	CoE, BNPL	-	130
6.	Dr Yasheshwar Singh Assistant Professor, University of Delhi India	-	CoE, BNPL	-	130
7.	Dr Abida Parveen Novartis, Hyderabad	-	CoE, BNPL	-	130
8.	Dr Rajesh Kumar Verma Dabur India Ltd., India	-	CoE, BNPL	-	130
9.	Dr Babita Ji Kataria Director and TPO, Jamia Hamdard	-	CoE, BNPL	-	130

9. Visits by Distinguished persons/Foreign faculty or delegates to the University/ Schools/ Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
1	Prof Ajay Sharma	DPSRU	Interaction with P.G students and Research Scholars	SPER/Pharmacognosy and Phytochemistry	02.02.2023
2	Prof Waseem Siddiqui	Interdisciplinary biotechnology Unit- Aligarh Muslim University. Aligarh	Interaction with P.G students and Research Scholars	SPER/Pharmacognosy and Phytochemistry	20.3.2023
3	Prof Tanveer Naved	Amity University, Noida	Interaction with P.G students and Research Scholars	SPER/Pharmacognosy and Phytochemistry	26.4.2022

10. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	PI Prof Mohd Mujeeb — CoPIs Prof Mohd Aqil Prof Mohd Akram Prof Mohd Shahar Yar	Redesigning and pharmacological evaluation of some classical unani formulations with specific reference to immunomodulatory activity, safety profile and stability studies	19.5.2022	18.5.2025	ongoing	SRF: 01
2	PI Prof. Bibhu Prasad Panda Co Pi Dr. Humaira Farooqi	Design and Development of Antithrombogenic small diameter electrospun vascular graft using indigenously developed nattokinase and sericin" ICMR, Govt of India INR :48 lakhs	22.01.23	21.01.25	On going	SRF- 01
3	PI Prof. Sayeed Ahmad	Centre of excellence in Unani medicine (Pharmacognosy and Phytochemistry), (AYUSH) (10 Crore)	10-7-2022	10-7-2025	Ongoing	One RA One SRF One MTS
4	PI Prof. Sayeed Ahmad	Development of sugar free dosage form, quality control and pharmacognostical evaluation of Unani formulations against COVID-19 related disorders (CCRU) (28.4 Lakh)	19-5-2022	19-5-2024	Ongoing	One SRF
5	PI Prof. Sayeed Ahmad	Development of herbal formulation from medicinal plants (Ocimum sanctum and Solanum xanthocarpum) for the therapeutic management of Mycobacterium avium subspecies paratuberculosis infection in domestic livestock (DBT,EMR) (96.04 lacs)	5-02-2020	4-02-2023	On going	Two JRF

6	PI Prof. Sayeed Ahmad	Pharmacokinetics, Stability and Quality Control Studies on Itrifal's of The Unani Pharmacopoeia of India (Part 2 V1 & V2) Using Chromatographic Analysis by HPTLC AND LC-MS (AYUSH CCRUM – EOI) (41.854 lacs)	11-03-2020	10-9-2023	On going	One SRF
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11. Consultancy Projects taken up by the faculty members (2022-2023)

Sl. No.	Name of faculty Member of Deptt./Centre	Details of the Project/Title	Funds generated (Rs. in Lakh)
1	Prof. Sayeed Ahmad	(Universal biotech, Ltd, India) Development of quality standards and metabolomic profiling for identification of highly adulterated seed drugs of Indian medicinal plants	(25 Lakh)

12. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1	202311006016	A Herbal Synergistic Composition for Management of Cisplatin Induced Nephrotoxicity	Sayeed Ahmad	30-01-2023	Filed
2	202111022162	An Herbal Formulation for Managment of Neurodegenerative Disorders and A Method of Preparation Thereof	Sayeed Ahmad	10-03-2023	Granted
3	202111028516	A Herbal formulation for immunomodulation and method of preparation thereof	Sayeed Ahmad	25-6-2021	Granted

13. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof. Mohd Mujeeb	Mohd Amir, Ameeruzzafar Zafar, Rizwan Ahmad, Wasim Ahmad, Mohammad Sarafroz, Mohammad Khalid, Mohammed M Ghoneim, Sultan Alshehri, Shadma Wahab, Sayeed Ahmad, Mohd Mujeeb. Quality Control Standardization, Contaminant Detection and In Vitro Antioxidant Activity of Prunus domestica Linn. Fruit Plants, 2022 11(5): 706
2.		Syeda Nashvia Adin, Isha Gupta, Abdul Ahad, Mohd Aqil, Mohd Mujeeb. A developed high-performance thin-layer chromatography method for the determination of baicalin in Oroxyllum indicum L. and its antioxidant activity. JPC–Journal of Planar Chromatography–Modern TLC. 2022, 35(4): 383-393
3.		Mohd Mujeeb, Abdul Ahad, Mohd Aqil, Waseem Ahmad Siddiqui, Abul Kalam Najmi, Mymoona Akhtar, Apeksha Shrivastava, Abdul Qadir, Thasleem Moolakkadath. Ameliorative effect of rubiadin-loaded nanocarriers in STZ-NA-induced diabetic nephropathy in rats: formulation optimization, molecular docking, and in vivo biological evaluation. Drug Delivery and Translational Research. 2022 12(3): 615-628.
4.		Isha Gupta, Syeda Nashvia Adin, Mohd Aqil, Mohd Mujeeb, Yasmin Sultana. Investigation on utility of some novel terpenes on transungual delivery of terbinafine for the management of onychomycosis. Dermatology Practical & Conceptual,12(4): e2022202-e2022202
5.		Isha Gupta, Syeda Nashvia Adin, Mohd Aqil, Mohd Mujeeb., 2022. High-performance thin-layer chromatography method development and validation for quantification of naringin in different extracts of Citrus sinensis L. and its antioxidant activity. JPC–Journal of Planar Chromatography–Modern TLC. 2022 35: 463-471
6.		SN Adin, I Gupta, M Aqil, M Mujeeb., Computer-aided box–Behnken outlook toward optimization of extraction of baicalin from Oroxyllum indicum L. stem barks. Pharmacognosy Magazine. 2022, 18 (80), 808
7.		I Gupta, SN Adin, M Aqil, M Mujeeb, Y Sultana.,2022. Quality by design-based development and validation of an HPLC method for simultaneous estimation of pregabalin and piperine in dual drug-loaded liposomes. Biomedical Chromatography, e5510
8.		SN Adin, I Gupta, BP Panda, M Mujeeb. Monascin and ankaflavin—Biosynthesis from Monascus purpureus, production methods, pharmacological properties: A review. Biotechnology and Applied Biochemistry,2022 DOI: 10.1002/bab.2336
9.		SN Adin, I Gupta, BP Panda, M Mujeeb. Monascin and ankaflavin—Biosynthesis from Monascus purpureus, production methods, pharmacological properties: A review. Biotechnology and Applied Biochemistry,2022 DOI: 10.1002/bab.2336
10.		SN Adin, I Gupta, A Ali, M Aqil, M Mujeeb, Y Sultana.. Investigation on utility of some novel terpenes on transungual delivery of fluconazole for the management of onychomycosis. Journal of Cosmetic Dermatology,2022, 21(10): 5103-5110. DOI: 10.1111/jocd.14978.
11.	Dr. Showkat Rasool Mir	Nurullah M, Usmani Z, Ahmad S, Panda BP, Amin S, Mir SR. Purification and characterization of Taxol and 10-Deacetyl baccatin III from the bark, needles, and endophytes of <i>Taxus baccata</i> by preparative high-performance liquid chromatography, ultra-high-performance liquid chromatography-mass spectrometry, and nuclear magnetic resonance. Journal of Separation Science, 2023;46:e2200841.
12.		Alam M, Rizwanullah M, Mir SR, Amin S. Statistically optimized tacrolimus and thymoquinone co-loaded nanostructured lipid carriers gel for improved topical treatment of psoriasis. Gels 2023, 9, 515. https://doi.org/10.3390/gels9070515
13.		Rizwanullah M, Perwez A, Alam M, Ahmad S, Mir SR, Rizvi MMA, Amin S, Polymer-lipid hybrid nanoparticles of exemestane for improved oral bioavailability and anti-tumor efficacy: An extensive preclinical investigation, International Journal of Pharmaceutics,642,2023
14.		Altaf A, Alkefai NH, Panda BP, Usmani Z, Amin S, Mir SR*. Microbial composition of a traditional fermented wheat preparation - <i>Nishasta</i> and its role in the amelioration of retinoic acid-induced osteoporosis in rats. Fermentation, 8(4):182. https://doi.org/10.3390/fermentation8040182 (2022)
15.		Sartaj A, Annu, Alam M, Biswas L, Yar MS, Mir SR, Verma AK, Baboota S, Ali J. Combinatorial delivery of Ribociclib and green tea extract mediated nanostructured lipid carrier for oral delivery for the treatment of breast cancer synchronising in silico, in vitro, and in vivo studies. Journal of Drug Targeting, 5;1-22 (2022)
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18		Ahmad B, Rizwanullah M, Usmani Z, Mir SR, Amin S. Box-Behnken Design Assisted Development and Optimization of RP-HPLC-PDA Technique for Determination of Cannabidiol in the Bulk and Nanoformulation. <i>Egyptian Journal of Chemistry</i> , 65(3): 295-304 (2022) doi: 10.21608/ejchem.2021.82528.4072
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20		Imran M, Samal M, Qadir A, Ali A, Mir SR, A critical review on the extraction and pharmacotherapeutic activity of piperine, <i>Polymers in Medicine</i> , 52(1) 29-34 (2022)
21	Prof Bibhu Prasad Panda	Kaur, J., Anwer, M.K., Sartaj, A., Panda, B.P., Ali, A., Zafar, A., Kumar, V., Gilani, S.J., Kala, C. and Taleuzzaman, M., 2022. ZnO nanoparticles of Rubia cordifolia extract formulation developed and optimized with QbD application, considering ex vivo skin permeation, antimicrobial and antioxidant properties. <i>Molecules</i> , 27(4), p.1450.
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25		Malik, M.A., Jan, Y., Haq, A., Kaur, J. and Panda, B.P., 2022. Enhancement of vitamin D2 in edible mushroom using ultraviolet irradiation and assessing its storage and cooking stability. <i>Nutrition & Food Science</i> , 52(8), pp.1254-1269.
26		Madaan, S., Jabar, S.I.A. and Panda, B.P., 2022. Fatty acids of <i>Pleurotus florida</i> mushroom: Potential molecules for blood glucose control. <i>Food Bioscience</i> , 46, p.101558.
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28		Birat, K., Siddiqi, T.O., Mir, S.R., Aslan, J., Bansal, R., Khan, W., Dewangan, R.P. and Panda, B.P., 2022. Enhancement of vincristine under in vitro culture of <i>Catharanthus roseus</i> supplemented with <i>Alternaria sesami</i> endophytic fungal extract as a biotic elicitor. <i>International Microbiology</i> , pp.1-10.
29		Malik, M.A., Jan, Y., Al-Keridis, L.A., Haq, A., Ahmad, J., Adnan, M., Alshammari, N., Ashraf, S.A. and Panda, B.P., 2022. Effect of vitamin-D-Enriched edible mushrooms on vitamin D status, bone health and expression of CYP2R1, CYP27B1 and VDR gene in Wistar rats. <i>Journal of Fungi</i> , 8(8), p.864.
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38	Gaurav, Ikshith Sharma, Mohammad Umar Khan, Sultan Zahiruddin, Parakh Basist, and Sayeed Ahmad. 2023. "Multi-Mechanistic and Therapeutic Exploration of Nephroprotective Effect of Traditional Ayurvedic Polyherbal Formulation Using In Silico, In Vitro and In Vivo Approaches" <i>Biomedicines</i> 11, no. 1: 168. https://doi.org/10.3390/biomedicines11010168	
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46		Jan, Bisma, Sultan Zahiruddin, Parakh Basist, Mohammad Irfan, Sageer Abass, and Sayeed Ahmad. "Metabolomic Profiling and Identification of Antioxidant and Antidiabetic Compounds from Leaves of Different Varieties of <i>Morus alba</i> Linn Grown in Kashmir." <i>ACS omega</i> 7, no. 28 (2022): 24317-24328. doi: 10.1021/acsomega.2c01623. IF 4.32
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56		Zuha Rahman, Vidhu Aeri . Enhancement of lutein content in <i>Calendula officinalis</i> Linn. By solid-state fermentation with lactobacillus species. <i>J Food Sci Technol</i> , July 2022 https://doi.org/10.1007/s13197-022-05565-3
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62	Shivani Singh, Vidhu Aeri , Vasudha Sharma. Encapsulated natural pigments: Techniques and applications. J Food Process Eng. 2023;e14311. https://doi.org/10.1111/jfpe.14311
63	Tanya Ralli, Tusha Tripathi, Vivekanandan Kalaiselvan, Ritu Tiwari, Vidhu Aeri , Kanchan Kohli. Silymarin as a phyto-pharmaceutical: Isolation, simultaneous quantification of four biomarkers and in-silico anti-inflammatory activity. Chinese Journal of Analytical Chemistry. https://doi.org/10.1016/j.cjac.2022.100174
64	Tanya Ralli, Zoya Saifi, Anjali Rathee, Vidhu Aeri , Kanchan Kohli. Decoding the bidirectional relationship between gut microbiota and COVID-19. (Review Article) Heliyon. https://doi.org/10.1016/j.heliyon.2023.e13801
65	Mohd Imran, Sahaya Mercy Jaqueline Robert, Manju Sharma, Vidhu Aeri . Evaluation of Sida cordifolia and Sida rhombifolia extracts in a rat model of streptozotocin-induced diabetic nephropathy. Polymers in Medicine, ISSN 0370-0747 (print), ISSN 2451-2699 (online)
	Tanya Ralli, Zoya Saifi, Amita Kumari, Vidhu Aeri & Kanchan Kohli. In-silico, in-vitro and ex-vivo evidence of combining silymarin phytopharmaceutical with piperine, and fulvic acid for enhancing its solubility and permeability. Pharmaceutical Development and Technology. https://www.tandfonline.com/loi/iphd20

14. Achievements/Recognitions/Awards received/awarded to faculty members

Prof. Sayeed Ahmad, STE Meritorious Award, 2022 for Excellence in Research & Academics, by STE at EWASH 2022 on 12-13th January 2023 at Delhi University, New Delhi.

a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

- Nominated as Member Expert of Phytopharmaceuticals in Indian Pharmacopoeial Commission 2022.
- Nominated Member of Unani Pharmacopoeial sub-committee, Ministry of AYUSH, Govt of India
- Nominated as Honorary Expert Member Second term (Pharmacognosy) National Unani Pharmacopoeial Committee (UPC) for 3 years from Pharmacopoeia Commission for Indian Medicine and Homeopathy (PCIM & H), Ministry of AYUSH, Govt of India (PCIM/6-21/Tech/Committees/ 2017-17/36-51)
- Member AYUSH Pharmacopoeia core committee on Hormonization of AYUSH Pharmacopoeias, Ministry of AYUSH, Govt of India
- Nominated as Honorary Expert Member (Pharmacognosy) Task Force Unani Pharmacopoeial Committee (UPC) from CCRUM, Ministry of AYUSH, Govt of India (320(C)/ 2016/ CCRUM/Tech)
- Nominated as Honorary Expert Member (Pharmacognosy) National Unani Pharmacopoeial Committee (UPC) for 3 years from Pharmacopoeia Commission for Indian Medicine and Homeopathy (PCIM & H), Ministry of AYUSH, Govt of India (PCIM/6-21/Tech/Committees/ 2017-17/36-51)

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- Elected Member of Scientific Boards of HPTLC Association & Journal of Planar Chromatography & Modern TLC.
- Elected Board Member of International Society of Ethnopharmacology since 2020 onward
- Nominated as Honorary Expert Member (Pharmacognosy) United States Pharmacopoeial Committee (USP) for 3 years member of USP's Botanical South Asia Expert Panel of USP Botanical Dietary Supplements and Herbal Medicines Expert Committee for botanical monograph development for dietary supplements and herbal medicines using traditional South Asian plants.

- President (Delhi Chapter), Society for Ethnopharmacology (Feb 2017- onward)
- Vice President, Society for new Age Herbals (2016- onward)

c. Awards and Honours (Awards, fellowships of professional societies/associations)

d. Invited as keynote or plenary speaker.

- Spectroscopic Identification of Organic Compounds: Role of NMR DST-FIST supported workshop on the title 'Mapping molecules with Magnet' organized by SPER on 28th Oct-3rd Nov, 2022.
- Prof Bibhu Prasad Panda "Natural Product Biotransformation" 18th-19th of November, 2022. NIPER Hyderabad
- Prof. Bibhu Prasad Panda, Involvement of Pharmaceutical Science in Nutraceutical Ingredient Development, 20th July 2022, faculty of Pharmaceutical Science, Assam Down town university
- Prof. Bibhu Prasad Panda, "Development of Drug Resistant by Cells: Its Causes and Solutions" 9th to 11th June 2022. Noida Institute of Engineering and Technology (Pharmacy Institute), Greater Noida,
- Prof Vidhu Aeri, Invited On behalf of CCMB to deliver a guest lecture during the AYUSH CME on "Identification of Medicinal and Herbal Plants Using DNA-Based Barcode Analysis". The participants would be exciting to hear from you regarding the latest trends in the field and about the research conducted at your laboratory.
- Prof Vidhu Aeri, Plenary Lecture; DPSRU, 21-22 January, 23; 13 IASTAM Oration and Awards 2023 Function & International Conclave
- Prof Vidhu Aeri, Resource Person, 2 days international conference on Recent Innovations: An holistic and integrated approach to Pharmaceutical science; 23-24 September, 2022; Gokhale Education Society's Sir Dr MS Gosavi College of Pharmaceutical Education and Research, Nashik-422005
- Prof Vidhu Aeri, Subject Expert: Capacity building and continuing medical education: Current trends in Ayurveda Drug development: 30 January, 2023: Regional Ayurveda Research Institute, Pune: Development of Computer Assisted Identification of Powdered Botanicals through Analytical Microscopy
- Prof Sayeed Ahmad, as speaker and delivered invited talk on "Metabolomics of Natural Products and Traditional Medicine" in 21st International Congress of International Society of Ethnopharmacology, ISE, Held at Taichung, Taiwan during 28th to 31st May 2022 Virtually.
- Prof Sayeed Ahmad, Delivered invited talk entitled "Bioprospecting of Natural Products for Human Health" during one week FDP program" 2023" held on 14th January 23 at MDU, Rohtak
- Prof Sayeed Ahmad, Delivered invited talk entitled "Ensuring Safety of Unani Medicine with Modern Concepts" during Two days National Conference on Need of safety Monitoring of Toxic Drugs used Unani System of Medicine" 2022" held on 26th November 2022 at Govt Unani Medical College and Hospital, Bhopal.
- Prof Sayeed Ahmad, Delivered invited talk entitled "Drug Discovery From Natural Products" during National Pharmacy Week Celebrations 2022" held on 23rd November 2022 at Mesco Institute of Pharmacy, Amroha.
- Prof Sayeed Ahmad, Delivered invited talk entitled "Metabolomics in Natural Products and Traditional Medicine" during Two days Symposium on Natural Products" held on 18th – 19th November 2022 at NIPER, Hyderabad.
- Prof Sayeed Ahmad, Delivered invited talk entitled "Metabolomics An Ultimate Technique for quality control of AYUSH drugs and Traditional Medicine" during 2nd ICNPH held on 4- 6th November 2022 at Deshbandhu College, Delhi University, New Delhi
- Prof Sayeed Ahmad, Delivered invited talk entitled "Metabolomics in traditional medicine and drug discovery from natural resources" during One Day National Seminar on 'Integration of AYUSH Medicines and Ethnopharmacology: A Strategy towards Evidence- based Medicines' held on 4th October 2022 at NIPER-SAS Nagar, Punjab

- Prof Sayeed Ahmad, Delivered invited talk on “Translational approaches of Drug Discovery from Natural Resources” during a National Seminar on Translational Research on Indian Medicinal Plants & 9th SFE Convention held during 23rd – 24th September 2022 at SNP Jadavpur University, Kolkatta
- Prof Sayeed Ahmad, Delivered invited talk on "Advanced analytical Methods in Drug Standardization" on 26th August 2022, held at DSRU, CCRUM, New Delhi
- Prof Sayeed Ahmad, Delivered invited talk on "Relevance of chemical standardization and Innocuousness in the process of development of herbal medicines" on 13th August 2022, held at Rajarshi Shahu College of Pharmacy, Buldana, Maharashtra
- Prof Sayeed Ahmad, Delivered invited talk on "Publication and Grant Writing" on 27th July 2022, during a competency development workshop of CoE Unani Medicine held at Jamia Hamdard, New Delhi
- Prof Sayeed Ahmad, Delivered invited talk on Mutitargetted therapeutics in Unani and Ayurvedic Medicine" on 29th July 2022, during 12th IASTAM Conclave of CoE Unani Medicine held at Jamia Hamdard, New Delhi
- Prof Sayeed Ahmad, Delivered invited talk on “Scientific article writing, publication ethics and opportunities” on 22 July 2022, at DEV BHOOMI UTRACHAND UNIVERSITY” Uttarakhand India.
- Prof Sayeed Ahmad, Delivered an invited talk on topic “Exploring Traditional Medicine Drugs from Nature & drugs from Ancestors” during iConnect Program of DBT Govt of India on Bioeconomy from Bioresources with special references to NER held on 14th June 2022 at IBSD, Imphal
- Prof Sayeed Ahmad, Delivered invited talk on 24th INCOFYRA on topic intitled “Metabolomic profiling of traditional Unani Medicine for Quality Control and Scientific Validation of Traditional Claims” held on 28th May 2022 at Prashanti Kutiram, Bangluru, India organised by S-VYASA Deemed to be University.
- Prof Sayeed Ahmad, Delivered invited talk on “Modern Methods For Quality Control of Unani Medicine” on 22nd May 2022, at a CME of State Unani Medical College Prayagraj, UP” India.
- Prof Sayeed Ahmad, Delivered invited talk on topic “Metabolomics in drug discovery from Natural Resources” at a CME of Department of Community Medicine, AKUTC, AMU held on 25th March 2022.
- Prof Sayeed Ahmad, Delivered invited talk on topic “Advanced Research on Unani Medicine” at Unani Day Celebrations of NIUM Banglore held on 22nd March 2022.
- Prof Sayeed Ahmad, Delivered invited talk on topic “Unani Medicine and Sustainable Public Health” at 9th SFEC 2022 held on 22-24 April 2022 at JSS Academy of Higher Education and Research Campus, Mysuru, Karnataka, India.

15. Students achievements

- Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)
- Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Date	No. of participants	Name of the student	Venue/Place
1	SFEC 2023 International Bioresource Conclave & Ethnopharmacology Congress	February 24-26, 2023	500	Naveen Reddy Penumallu	Online
2	Indian Zebrafish Investigators Meeting (IZIM) 2022	21st to 23rd September 2022	30	Naveen Reddy Penumallu	IISER Pune
3	Systematic reviews of animal studies SYRCLE	November 2, 2022	20	Naveen Reddy	Online

				Penumallu	
4	International Conference on Food and Nutritional Security	January 6-9 2023	-	Mukta Satsangi	NABI-CIAB Mohali
5	2nd World Unani Congress	March, 4-6, 2023	400	Mukta Satsangi	Jamia Milia Islamia
6	Unani round table conference	30th April, 2023	400	Mukta Satsangi	The Surya, New Delhi
7	SFEC 2023 International Bioresource Conclave & Ethnopharmacology Congress	February 24-26, 2023	500	Aftab Alam	Online
8	2nd World Unani Congress	March, 4-6, 2023	400	Monalisha Samal	Jamia Milia Islamia
9	IASTAM Conclave 2022	July 29-30, 2022	1700	Monalisha Samal	Jamia Hamdard
10	IASTAM Conclave 2022	July 29-30, 2022	1700	Monalisha Samal	Jamia Hamdard
11	Unani round table conference	30th April, 2023	100	Monalisha Samal	The Surya, New Delhi
12	IASTAM Conclave 2022	July 29-30, 2022	1700	Anuradha Shee	Jamia Hamdard
13	IASTAM Conclave 2022	July 29-30, 2022	1700	Anuradha Shee	Jamia Hamdard
14	2nd World Unani Congress	March, 4-6, 2023	400	Anuradha Shee	Jamia Milia Islamia
15	2nd World Unani Congress	March, 4-6, 2023	400	Varsha Srivastava	Jamia Milia Islamia
16	IASTAM Conclave 2022	July 29-30, 2022	1700	Varsha Srivastava	Jamia Hamdard
17	IASTAM Conclave 2022	July 29-30, 2022	1700	Varsha Srivastava	Jamia Hamdard
18	Unani round table conference	30th April, 2023	100	Varsha Srivastava	The Surya, New Delhi
19	2nd World Unani Congress	March, 4-6, 2023	400	Areeba Insaf	Jamia Milia Islamia
20	IASTAM Conclave 2022	July 29-30, 2022	1700	Areeba Insaf	Jamia Hamdard
21	IASTAM Conclave 2022	July 29-30, 2022	1700	Areeba Insaf	Jamia Hamdard
22	Unani round table conference	30th April, 2023	100	Areeba Insaf	The Surya, New Delhi
23	IASTAM Conclave 2022	July 29-30, 2022	1700	Uzma Jabeen	Jamia Hamdard
24	IASTAM Conclave 2022	July 29-30, 2022	1700	Aftab Alam	Jamia Hamdard

c. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	AIMIL Pharmaceutical	01	45000/month, 5.40 lakh
2	IIMT College of Medical Sciences, IIMT University, Meerut, Uttar Pradesh, India	01	60000/month, 7.20 lakh

SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY

Dean: Prof. (Dr.) M. Afshar Alam

School of Engineering Sciences & Technology (SEST) took the roots of its foundation in 1997. In last Two decades, SEST has acquired prominence in university endeavours attracting talents from all over the country including foreign nationals to pursue research and education in the field of Computer Science, Computer Engineering, Information & Communication Technology, Electronics & Communication Engineering and Bioinformatics.

The school has an excellent infrastructure which includes smart cluster classrooms, library and computer labs. The school incorporates quality education based on computer-based training (CBT), video lectures, demonstrations etc. by highly qualified faculty members many of them from IITs & NITs. The school is very active in engaging academic and industrial collaborations through various workshops, seminars, conferences, partnerships, industrial visits, projects and special distinguished lectures to expose the students to corporate environment. The school offers challenging academic programmes at Undergraduate, Postgraduate and Doctoral levels under Choice Based Credit System (CBCS) encouraging students to excel in academics and pursue research in chosen specialization. The school has attracted students from different part of the country including foreign countries such as Saudi Arabia, UAE, Kuwait, Iran, Iraq, Bangladesh, Afghanistan, Indonesia, Syria, Kyrgyzstan, Nigeria, Algeria, Nepal etc.

The sSchool follows its vision and mission to inculcate the research and academic excellence so that students pursue their career and sharpen their skills as required in the dynamically advanced technological world at any level.

Vision Statement: To become the best institution in the national and international map in terms of quality of teaching and research, technical knowledge and academics in the field Computer Science & Engineering, Electronics & Communication Engineering, Bioinformatics with sincere honesty adding values in the core aspect of students' life.

Mission Statements:

- MS1: To offer state-of-the-art undergraduate, postgraduate and doctoral programs in Computer Science & Engineering, Electronics and Communication Engineering & Engineering and Bioinformatics.
- MS 2: To provide one of the best working environments to motivate faculty and students to work towards vision of the Department.
- MS 3: To develop association with industry, other Universities/Institute/Research Laboratories and work in collaboration with them.
- MS 4: To use our expertise in all the relevant disciplines for helping society in solving its real-life problem.
- MS 5: To develop entrepreneurship skills in the students so that they can become problem solver and innovative developer and contribute to the society by providing employment to others.

NAME OF THE DEPARTMENTS/ACADEMIC UNITS UNDER THE SCHOOL

1. Department of Computer Science and Engineering

(A) NAME OF THE SCHOOL: School of Engineering Sciences and Technology

(B) NAME OF THE DEPARTMENT/CENTRE/ACADEMIC UNIT: Department of Computer Science and Engineering

1. Head/Director of the Department/Centre/Unit: Dr. Farheen Siddiqui

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. M. Afshar Alam, Professor	Ph.D.	VC & Dean, School of Engineering Sciences and Technology
2.	Dr. Farheen Siddiqui, Associate Professor	Ph.D.	Head, Department of Computer Science and Engineering
3.	Dr. Sameena Naaz, Associate Professor	Ph.D.	
4.	Dr. Parul Agarwal, Associate Professor	Ph.D.	Coordinator, Criteria 7, NAAC ; Core Committee Member of IQAC School Coordinator of NIRF;
5.	Dr. Harleen Kaur, Associate Professor	Ph.D.	
6.	Dr. Ihtiram Raza Khan, Assistant Professor	Ph.D.	
7.	Dr. Jawed Ahmed, Assistant Professor	Ph.D.	Deputy Foreign Students Advisor
8.	Ms. Shabina Ghafir, Assistant Professor	M.Tech.	
9.	Dr. Bhavya Alankar, Assistant Professor	Ph.D.	
10.	Dr. Safdar Tanweer, Assistant Professor	Ph.D.	
11.	Dr. Mohd. Abdul Ahad, Assistant Professor	Ph.D.	
12.	Dr. Suraiya Parveen, Assistant Professor	Ph.D.	
13.	Dr. Md. Tabrez Nafis, Assistant Professor	Ph.D.	
14.	Dr. Syed Shahabuddin Ashraf, Assistant Professor	Ph.D.	
15.	Mr. Syed Sibtain Khalid, Assistant Professor	M.Tech.	
16.	Mr. Tabish Mufti, Assistant Professor	MCA	
17.	Dr. Siddhartha Sankar Biswas, Assistant Professor	Ph.D.	
18.	Ms. Gautami Tripathi, Assistant Professor	M.Tech.	Co-coordinator, Unnat Bharat Abhiyan
19.	Mr. Aqeel Khaliq, Assistant Professor	M.Tech.	
20.	Ms. Anam Saiyeda, Assistant Professor	M.Tech.	
21.	Dr. Sapna Jain, Assistant Professor	Ph.D.	
22.	Dr. Richa Gupta, Assistant Professor	Ph.D.	
23.	Dr. Sherin Zafar, Assistant Professor	Ph.D.	Co-coordinator, Unnat Bharat Abhiyan
24.	Mr. Zeeshan Ali Haq, Assistant Professor	M.Tech.	
25.	Dr. Imran Hussain, Assistant Professor	Ph.D.	
26.	Mr. Faraz Doja, Assistant Professor	M.Tech.	
27.	Dr. Samar Wazir, Assistant Professor	Ph.D.	
28.	Mr. Nafisur Rahman, Assistant Professor	M.Tech.	
29.	Ms. Neha, Assistant Professor	M.Tech.	

30.	Dr. Uzma Akhtar Khan, Assistant Professor	Ph.D.	
31.	Dr. Shah Imran Alam, Assistant Professor	Ph.D.	
32.	Mr. Naved Alam, Assistant Professor	M.Tech.	
33.	Dr. Amit Bhooshan Singh, Assistant Professor	Ph.D.	
34.	Mr. Piyush Kumar Gupta, Assistant Professor	M.Tech.	
35.	Ms. Nida Iftikhar, Assistant Professor	M.Tech.	
36.	Mr. Syed Ali Mehdi, Assistant Professor	M.Tech.	
37.	Mr. Tabrej Ahmad Khan, Assistant Professor	M.Tech.	
38.	Ms. Pooja Gupta, Assistant Professor	M.Tech.	
39.	Dr. Sohrab Ali, Assistant Professor	Ph.D.	
40.	Ms. Ayesha Kamal, Assistant Professor	M.A.	
41.	Ms. Taqdees Fatima, Assistant Professor	M.A.	
42.	Ms. Refia Wiquar, Assistant Professor	MBA	
43.	Dr. Mohd. Shadab Alam, Assistant Professor	Ph.D.	
44.	Dr. Shahab Saquib Sohail, Assistant Professor	Ph.D.	
45.	Dr. Neha, Assistant Professor	Ph.D.	
46.	Mr. Md. Omair Ahmad, Assistant Professor	M.Tech.	
47.	Dr. Naseem Rao, Assistant Professor	Ph.D.	
48.	Dr. Shakeel Ahmad Siddiqui, Assistant Professor	Ph.D.	
49.	Ms. Asfia Aziz, Assistant Professor	MCA	
50.	Dr. Md. Aslam Parwez, Assistant Professor	Ph.D.	
51.	Dr. Akbar Ali, Assistant Professor	Ph.D.	
52.	Dr. Nazia Tabassum, Assistant Professor	Ph.D.	
53.	Dr. Mohammad Sufian Badar, Assistant Professor	Ph.D.	
54.	Dr. Atul Kumar Jaiswal, Assistant Professor	Ph.D.	
55.	Dr. Waseem Khan, Assistant Professor	Ph.D.	
56.	Dr. Sameena Bano, Assistant Professor	Ph.D.	
57.	Dr. Anil Kumar Mahto, Assistant Professor	Ph.D.	
58.	Dr. Khyati Chopra, DST Inspire Faculty	Ph.D.	
59.	Ms. Samia Khan, Assistant Professor	M.Tech.	
60.	Mr. Abdul Manazir, Assistant Professor	MCA	

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Valentina Emilia Balas	Computer Science	Computer Science	
2.	Nevine Makram Labib	Computer Science	Computer Science	
3.	Sara Paiva	Computer Science	Computer Science	
4.	Meena Jha	Computer Science	Computer Science	
5.	Dr Hanif Qureshi	Computer Science	Computer Science	
6.	Eiad Yafi	Computer Science	Computer Science	
7.	Maj. Gen. Ramesh Chand Padhi	Computer Science	Computer Science	

4. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	B. Tech. Computer Science & Engineering	UG	240	237
2	B.Tech. Electronics and Communication Engineering	UG	60	18
3	B.Tech. Computer Science and Engineering (Artificial Intelligence)	UG	60	40
4	Lateral Entry to 2nd Year in B.Tech. (CSE)	UG	-	29
5	Lateral Entry to 2nd Year in B.Tech. (ECE)	UG	-	5
6	Bachelor of Computer Application	UG	120	158
7	Bachelor of Science (Hons) Computer Science	UG	60	16
8	Master of Computer Applications	PG	60	61
9	M.Sc. (Computational Biology & System Biology and Bioinformatics)	PG	8	6
10	M.Tech. (Computer Science & Engineering)	PG	60 (all M.Tech.)	1
11	M.Tech. (CSE) with Specialization in Data Science	PG		7
12	M. Tech. (CSE) with Specialization in Cyber Forensics & Information Security	PG		3
13	Ph.D. in Computer Science & Engineering	Doctoral	-	12
14	Ph.D. in Computer Science	Doctoral	-	3
15	Ph.D. in Computer Science & Engineering (Part-Time)	Doctoral	-	5
16	Ph.D. in Computer Science(Part-Time)	Doctoral	-	6

5. Programme discontinued, if any, during 2022-2023:

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Reason of discontinuance, if any
1	M. Tech. (CSE) - Part Time	PG	60	Decline in admission

6. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1.	Server (01) and Desktop PC (60)	6392400/-
2.	Desktop PC (30) and Printer (04)	2747850/-
3.	Modification of room for AI Lab	647785/-
4.	Modification of room no. 401 for Computer Lab	1468070/-

9 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Faraz Doja	Data Science	Dr. Mohd. Abdul Ahad	No
2	Syed Sibtain Khalid	Image Processing	Dr. Safdar Tanweer	No
3	Nafisur Rahman	Soft Computing (broad area)	Dr. Farheen Siddiqui	No
4	Aqeel Khaliq	Security and Privacy	Dr. Mohd. Abdul Ahad	No
5	Md. Rahbre Islam	Prediction of disease(cancer,TB,CVD etc. using Machine Learning Techniques)	Dr. Safdar Tanweer	No
6	Ashiya Zabeen	Smart Cities & Security	Dr. Mohd. Abdul Ahad	No
7	Md. Omair Ahmad	Artificial Intelligence enabled Biomedical signal analysis	Prof. Afshar Alam	No
8	Tabrej Ahmad Khan	Data analysis	Dr. Imran Hussain	No
9	Abdullah Shariq	Blockchain	Dr. Imran Hussain	No
10	Amit Bansal	AI & ML	Dr. Siddhartha Sankar Biswas	No
11	Arif Khan	Analyzing Vulnerability pattern for Improving Security of Web-Applications: Design & Secure Coding Perspective	Dr. Siddhartha Sankar Biswas	No
12	Ayesha Hena Afzal	Machine learning	Prof. M Afshar Alam	ICMR
13	Esha Saxena	Implementing AI /ML on Medical Data. (Kidney or Intestine diseases)	Dr. Suraiya Parveen	No
14	Lavkush Gupta	Artificial intelligence	Dr. Richa Gupta	No
15	Lubna Kalam	Cloud computing	Dr. Ihtiram Raza Khan	No
16	Mirza Equitidar Husain	Database Technology	Dr. Imran Hussain	No
17	Moazzam Ali	Artificial Intelligence	Dr. Samar Wazir	No
18	Shilpi Taneja	Applications of Soft Computing	Dr. Siddhartha Sankar Biswas	No
19	Tasleem Nizam	Explainable Artificial Intelligence	Dr. Sherin Zafar	No
20	Zow Afshan	Water monitoring system	Dr. Sherin Zafar	No
21	Ezan Abdullah	Blockchain and AI in e-waste	Dr. Richa Gupta	No
22	Meghna Chaudhary	Application of Explainable Artificial Intelligence	Dr. Sherin Zafar	Visvesvaraya Ph.D. Scheme
23	Mod Faisal	Study of human deases using deep learning techniques.	Dr. Richa Gupta	No
24	Neha Irfan	Machine Learning to study Physiological Impact in Pregnant Women	Dr. Sherin Zafar	No
25	Samia Khan	Optimizing Healthcare using computational intelligence	Dr. Farheen Siddiqui	Visvesvaraya Ph.D. Scheme
26	Shalbbya Ali	Big Data /Machine Learning	Dr. Harleen Kaur	No
27	Sonali Chopra	Machine Learning approaches in Mental Health diagnosis	Dr. Parul Agarwal	Visvesvaraya Ph.D. Scheme
28	Zeeshan Hussain		Dr. Samar Wazir	No

9 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1.	Mr. Abdul Majid Farooqi	Innovation of Fog Computing Model for Smart City Sustainable Development	October 26, 2022	Prof. M. Afshar Alam

10.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1.	Two weeks Faculty Development Program on "Emerging Technologies"	From 01 st August 2022 To 14 th August 2022	Department of Science and Technology (DST), Govt. of India	34
2.	Two weeks Faculty Development Program on "Machine Learning and Artificial Intelligence"	From 01 st August 2022 To 14 th August 2022	Department of Science and Technology (DST), Govt. of India	27
3.	Four weeks Women Entrepreneurship Development Programme on "Women Entrepreneurship and Economic"	From 22 nd August 2022 To 16 th September 2022	Department of Science and Technology (DST), Govt. of India	33
4.	Four weeks Women Entrepreneurship Development Programme on "Women and Sustainable Development Goals."	From 22 nd August 2022 To 16 th September 2022	Department of Science and Technology (DST), Govt. of India	34
5.	Four weeks Women Entrepreneurship Development Programme on "POWER (Promotion of Women Empowerment and Rights)."	From 22 nd August 2022 To 16 th September 2022	Department of Science and Technology (DST), Govt. of India	18
6.	Training Program on Recent Trends and Innovations in Computer Science and Engineering	From 28 th November 2022 To 05 th December 2022	Department of Science and Technology (DST), Govt. of India Under the scheme of Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)	30

10.(b) Faculty Development Programmes/ Workshops/ Induction programmes/ Orientation Programmes/ MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Jawed Ahmed	Two weeks Faculty Development Program on "Emerging Technologies" sponsored by	From 01 st August 2022 To	Department of Computer Science and Engineering, SEST, Jamia Hamdard, New Delhi.
2.	Dr. Safdar Tanweer			
3.	Dr. Naseem Rao			
4.	Mr. Syed Sibtain Khalid			

5.	Dr. Bhavya Alankar	DST, Govt of India.	14 th August 2022				
6.	Ms. Neha						
7.	Ms. Refia Wiquar						
8.	Ms. Ayesha Kamal						
9.	Mr. Md Omair Ahmad						
10.	Mr. Nafisur Rahman						
11.	Mr. Faraz Doja						
12.	Dr. Samar Wazir						
13.	Mr. Piyush Kumar Gupta						
14.	Dr. Khyati Chopra				Two weeks Faculty Development Program on "Machine Learning and Artificial Intelligence" sponsored by DST, Govt of India.	From 01 st August 2022 To 14 th August 2022	Department of Computer Science and Engineering, SEST, Jamia Hamdard, New Delhi.
15.	Ms. Anam Saiyeda						
16.	Dr. Sherin Zafar						
17.	Mr. Md. Aslam Parwez						
18.	Ms. Pooja Gupta						
19.	Dr. Javed Ahmad						
20.	Dr. Shakeel Ahmad Siddiqui						
21.	Ms. Shabina Ghafir						
22.	Mr. Tabrej Ahamad Khan						
23.	Dr. Suraiya Parveen						
24.	Dr. Siddhartha Sankar Biswas						

11. Invited Lectures/Talks (2022-2023)

Sl. No	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Prof M.K. Soni, Retired Professor, NIT Kurushetra and Director General, IIMT Group of Colleges, Greater Noida.	Data Science in IoT	28 th November 2022	Department of Science and Technology (DST), Govt. of India Under the scheme of Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)	30
2.	Prof M Kasim, Professor and Hony. Director, AJK Mass Communication Research Centre and Hony. Director IQAC, Jamia Millia Islamia, New Delhi. Former Advisor TRAI Govt of India	Artificial Intelligence redefining Media Landscape	28 th November 2022	Department of Science and Technology (DST), Govt. of India Under the scheme of Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)	30

12. Visits by Distinguished persons/ Foreign faculty or delegates to the University/ Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
1.	Prof M.K. Soni, Retired Professor, NIT Kurushetra and Director General, IIMT Group of Colleges, Greater Noida.	Data Science in IoT	28 th November 2022	Department of Science and Technology (DST), Govt. of India Under the scheme of Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)	30
2.	Prof M Kasim, Professor and Hony. Director, AJK Mass Communication Research Centre and Hony. Director IQAC, Jamia Millia Islamia, New Delhi. Former Advisor TRAI Govt of India	Artificial Intelligence redefining Media Landscape	28 th November 2022	Department of Science and Technology (DST), Govt. of India Under the scheme of Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)	30

13. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Dr. Sherin Zafar	UBA Project Id: UBA/NCI/0070/U-0107 Bacterial Free Innovative Paintings for Hygienic Whitewash Solutions in Saidul Azaib with Installation of portable green and blue smart dustbins for technology development	31 March 2022	30 September 2022	Completed	No
2	Dr.Harleen Kaur (PI)	Building a Cyber Security Tool (MEITY - Rs. 32Lakhs)	1 September 2021	31 August 2023	Ongoing	01
3	Dr.Harleen Kaur (PI)	Entrepreneurship Development Programme (DST - Rs 5 Lakhs)	1 July 2022	1 March 2023	Ongoing	No
4	Prof. M. AfsharAlam Dr.farheen Siddiqui	Development of Computer Lab FIST-DST - Rs.99 lakhs	18 February 2021	17 February 2026	Ongoing	No

14. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1.	202241020591	DEEP LEARNING ENABLED SYSTEM AND METHOD FOR DETERMINING USERS CONFIDENCE BY ANALYSING EXPRESSION, BEHAVIOUR AND VOICE	Dr Ihtiram Raza Khan	15/4/2022	04-05-2022
2	202211013416	Computer implemented method for crypto currency price prediction using artificial intelligence and machine learning	Dr Ihtiram Raza Khan	18/03/2022	03-11-2022
3	202211009182	ON LINE AUCTION SYSTEM USING MACHINE LEARNING	Mr. Faraz Doja	21/02/2022	03-11-2022

15. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

S.No	Authors	Title	Year	Journal/Conference Name
1	Sohail S.S., Farhat F., Himeur Y., Nadeem M., Madsen D.Ø., Singh Y., Atalla S., Mansoor W.	Decoding ChatGPT: A taxonomy of existing research, current challenges, and possible future directions	2023	Journal of King Saud University - Computer and Information Sciences
2	Ogala J.O., Ahmad S., Shakeel I., Ahmad J., Mehruz S.	Strengthening KMS Security with Advanced Cryptography, Machine Learning, Deep Learning, and IoT Technologies	2023	SN Computer Science
3	Ahmad S., Shakeel I., Mehruz S., Ahmad J.	Deep learning models for cloud, edge, fog, and IoT computing paradigms: Survey, recent advances, and future directions	2023	Computer Science Review
4	Ansari L., Alam M.A., Ahad M.A., Nafis M.T.	Cloud sans server architecture for sustainable development in smart cities: Indian perspective	2023	Wireless Networks
5	Kaur H., Jameel R., Alam M.A., Alankar B., Chang V.	Securing and managing healthcare data generated by intelligent blockchain systems on cloud networks through DNA cryptography	2023	Journal of Enterprise Information Management
6	Marwah N., Singh V.K., Kashyap G.S., Wazir S.	An analysis of the robustness of UAV agriculture field coverage using multi-agent reinforcement learning	2023	International Journal of Information Technology (Singapore)
7	Sohail S.S., Aziz A., Ali R., Hasan S.H., Madsen D.Ø., Alam M.A.	Human-Centric Aggregation via Ordered Weighted Aggregation for Ranked Recommendation in Recommender Systems	2023	Applied System Innovation
8	Irshad R.R., Hussain S., Sohail S.S., Zamani A.S., Madsen D.Ø., Alattab A.A., Ahmed A.A.A., Norain K.A.A., Alsaiani O.A.S.	A Novel IoT-Enabled Healthcare Monitoring Framework and Improved Grey Wolf Optimization Algorithm-Based Deep Convolution Neural Network Model for Early Diagnosis of Lung Cancer	2023	Sensors
9	Ahmad M.O., Tripathi G., Siddiqui F., Alam M.A., Ahad M.A., Akhtar M.M., Casalino G.	BAuth-ZKP—A Blockchain-Based Multi-Factor Authentication Mechanism for Securing Smart Cities	2023	Sensors
10	Copiaci A., Himeur Y., Amira A., Mansoor W., Fadli F., Atalla S., Sohail S.S.	An innovative deep anomaly detection of building energy consumption using energy time-series images	2023	Engineering Applications of Artificial Intelligence
11	Kaur H., Nazir F., Hussain S.J., Kaur R., Rajurkar A.B., Kumari S., Siddiqui M.H., Mahajan M., Khatoon S., Khan M.I.R.	Gibberellic Acid Alleviates Cadmium-Induced Seed Germination Inhibition through Modulation of Carbohydrate Metabolism and Antioxidant Capacity in Mung Bean Seedlings	2023	Sustainability (Switzerland)
12	Bhardwaj S., Nair K., Tariq M.U., Ahmad A., Chitnis A.	The State of Research in Green Marketing: A Bibliometric Review from 2005 to 2022	2023	Sustainability (Switzerland)
13	Areeb Q.M., Nadeem M., Sohail S.S., Imam R., Doctor F., Himeur Y., Hussain A., Amira A.	Filter bubbles in recommender systems: Fact or fallacy—A systematic review	2023	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery
14	Mohammad A., Siddiqui F., Afshar Alam M.	Deep Learning Models in EEG Signals: Comparative Analysis	2023	Lecture Notes in Networks and Systems
15	Naaz S., Rao H., Aggarwal P., Obaid A.J.	5G as a New Phase of Wireless Network Technology	2023	Lecture Notes in Networks and Systems

16	Naaz S., Parveen S.	An In-Depth Study of 5G-Based Eco-Friendly Smart City	2023	Lecture Notes in Networks and Systems
17	Ansari L.	Innovative Task Scheduling and Allocation Algorithm for E-Governance with Multi-cloud Environment	2023	Lecture Notes in Networks and Systems
18	Kolli C.S., Ranjan N.M., Talapula D.K., Gawali V.S., Biswas S.S.	Multiverse fractional calculus based hybrid deep learning and fusion approach for detecting malicious behavior in cloud computing environment	2023	Multiagent and Grid Systems
19	Singh M.K., Ahmed J., Raghuvanshi K.K., Alam M.A.	BharatFakeNewsKosh: A Data Repository for Fake News Research in India	2023	Lecture Notes in Networks and Systems
20	Haq Z.A., Ashhad M., Jaffery Z.A., Mehruz S.	Infrared Imaging Technique and Multi-Input Neural Network for Potato Defect Detection	2023	2023 International Conference on Recent Advances in Electrical, Electronics and Digital Healthcare Technologies, REEDCON 2023
21	Farhat F., Sohail S.S., Madsen D.Ø.	How trustworthy is ChatGPT? The case of bibliometric analyses	2023	Cogent Engineering
22	Shukla A., Khan I.R., Sharma V., Soni M., Gupta S., Kumar A.	A Novel Prediction System to Diagnose Heart Disease	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings
23	Roy S., Tanveer S.	Stock Price Forecasting using DeepNet	2023	2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023
24	Aggarwal L., Goswami P., Batra S., Alam S., Kumar A., Srivastava P.	An Intelligent Healthcare System for Diagnosis Based on Machine Learning Technique	2023	2nd Edition of IEEE Delhi Section Owned Conference, DELCON 2023 - Proceedings
25	Agarwal P., Khanna K., Elngar A.A., Obaid A.J., Polkowski Z.	Preface	2023	EAI/Springer Innovations in Communication and Computing
26	Shakil, Ubaid S., Sohail S.S., Alam M.T., Khan S.A., Hasan S.H., Mufti T.	A Novel Framework for Privacy Enabled Healthcare Recommender Systems	2023	EAI/Springer Innovations in Communication and Computing
27	Khan N.J., Ahmad G., Naseem M., Sohail S.S.	Computational efficiency in sports talent identification – a systematic review	2023	International Journal of Applied Decision Sciences
28	Chauhan R., Goel A., Kaur H., Alankar B.	Machine Learning: An Analytical Approach for Pattern Detection in Diabetes	2023	Lecture Notes in Networks and Systems
29	Faridi A., Siddiqui F., Nafis M.T., Ahad M.A.	Real-Time Suspicious Counter-Flow Detection	2023	ICSPC 2023 - 4th International Conference on Signal Processing and Communication
30	Whig P., Gupta K., Jiwani N., Jupalle H., Kouser S., Alam N.	A novel method for diabetes classification and prediction with Pycaret	2023	Microsystem Technologies
31	Rauf H.T., Gao J., Almadhor A., Arif M., Nafis M.T.	Retraction Note: Enhanced bat algorithm for COVID-19 short-term forecasting using optimized LSTM(Soft Computing, (2021), 25, (12989–12999), 10.1007/s00500-021-06075-8)	2023	Soft Computing
32	Nafis A., Ahmed J., Sohail S.S., Laskar A.K., Haq Z.A., Beg M.R.	Differential Privacy in Recommender System: Challenges and Opportunities	2023	Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023
33	Laskar A.K., Ahmed J., Sohail S.S., Nafis A., Haq Z.A.	Shilling Attacks on Recommender System: A Critical Analysis	2023	Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023
34	Javed Z., Sohail S.S., Manazir A., Siddiqui F.	Exploring Research Supervisor Recommendation: Student Centric or Supervisor Centric	2023	Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023

35	Alghamdi A., Al Shahrani A.M., AlYami S.S., Khan I.R., Sri P.S.G.A., Dutta P., Rizwan A., Venkatareddy P.	Security and energy efficient cyber-physical systems using predictive modeling approaches in wireless sensor network	2023	Wireless Networks
36	Yadav A., Ahmad N., Khan I.R., Agarwal P., Kaur H.	Role of AI, Big data in Smart Healthcare System	2023	2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023
37	Rahman S., Parveen S., Sofi S.A., Zahoor S.	Post-Covid Remote Patient Monitoring Using Medical Internet Of Things And Machine Learning Analytics	2023	Scalable Computing
38	Masood R., Pandey N., Rana Q.P.	Towards P2P dynamic-hash-table-based public auditing for cloud data privacy, security and integrity	2023	International Journal of Cloud Computing
39	Irshad R.R., Sohail S.S., Hussain S., Madsen D.O., Ahmed M.A., Alattab A.A., Alsaiani O.A.S., Norain K.A.A., Ahmed A.A.A.	A Multi-Objective Bee Foraging Learning-based Particle Swarm Optimization Algorithm for Enhancing the Security of healthcare data in cloud system	2023	IEEE Access
40	Khan I.R., Aisha S., Kumar D., Mufti T.	A Systematic Review on Deepfake Technology	2023	Lecture Notes in Networks and Systems
41	Rahman S., Sofi S.A., Parveen S., Zahoor S.	Medical Internet of Things and Data Analytics for Post-COVID Care: An Analysis	2023	Smart Innovation, Systems and Technologies
42	Garg S., Ahmad A., Madsen D.Ø., Sohail S.S.	Sustainable Behavior with Respect to Managing E-Wastes: Factors Influencing E-Waste Management among Young Consumers	2023	International Journal of Environmental Research and Public Health
43	Malik S.S., Khan A., Jain S.	Roomate4U—An Online Platform that Provides Accommodation Facilities to College Students	2023	Lecture Notes in Networks and Systems
44	Iqbal M.O., Obaid A.J., Agarwal P., Mufti T., Hassan A.R.	Blockchain Technology and Decentralized Applications Using Blockchain	2023	Lecture Notes in Networks and Systems
45	Reza K., Rahman N.	Explication and Extension of Saga and Microservice Patterns to Enable Resilient Distributed Transaction	2023	Lecture Notes in Networks and Systems
46	Nizam T., Zafar S.	Explainable Artificial Intelligence (XAI): Conception, Visualization and Assessment Approaches Towards Amenable XAI	2023	Studies in Computational Intelligence
47	Bahuguna A., Wazir S.	Design and Execution of Cyberattacks Simulation for Practice-Oriented Experiential Learning	2023	Smart Innovation, Systems and Technologies
48	Agarwal P., Idrees S.M., Obaid A.J., Abdulbaqi A.S., Mahmood S.D.	An Effective Diagnostic Framework for COVID-19 Using an Integrated Approach	2023	Lecture Notes in Networks and Systems
49	Rao N., Tanveer S., Khalid S.S., Alam N.	Human Emotion Detection Using Deep Learning Neural Network	2023	Lecture Notes in Networks and Systems
50	Yadav A., Rathee S., Shalu, Zafar S.	Natural Language-Based Naive Bayes Classifier Model for Sentence Classification	2023	Lecture Notes in Networks and Systems
51	Kaur G., Gupta S.H., Kaur H.	An Approach to Optimize LoRa Network Performance for Efficient IoT Applications	2023	Wireless Personal Communications
52	Ali S., Parveen S.	IoT-Based Smart Healthcare Monitoring System: A Prototype Approach	2023	Lecture Notes on Data Engineering and Communications Technologies
53	Alavi A S.M., Ebadati E O.M., Alavi A S.M., Firoozan Sarnaghi T.	Determination of households benefits from subsidies by using data mining approaches	2023	Journal of Information Technology and Politics
54	Jha C.K., Biswas S.S., Nafis M.T.	A Comprehensive System for Smart Homes with a Minimalist Information Security Framework	2023	Lecture Notes in Networks and Systems

55	Doja F., Batra R., Tayal S., Vats P., Biswas S.S.	A Comprehensive Framework for the IoT-Based Smart Home Automation Using Blynk	2023	Lecture Notes in Networks and Systems
56	Gupta U., Javed Z., Zafar S.	An analysis of Blockchain-based IoT solutions to overcome current challenges	2022	ACM International Conference Proceeding Series
57	Kumar B., Singh A.V., Agarwal P.	A Novel Approach for Speech to Text Recognition System Using Hidden Markov Model	2022	International Journal on Recent and Innovation Trends in Computing and Communication
58	Naaz S., Khan S.A., Siddiqui F., Sohail S.S., Madsen D.Ø., Ahmad A.	OdorTAM: Technology Acceptance Model for Biometric Authentication System Using Human Body Odor	2022	International Journal of Environmental Research and Public Health
59	Chaudhuri A., Halder K., Abdin M.Z., Majee M., Datta A.	Abiotic Stress Tolerance in Plants: Brassinosteroids Navigate Competently	2022	International Journal of Molecular Sciences
60	Pandey S., Sharma S., Wazir S.	Mental healthcare chatbot based on natural language processing and deep learning approaches: Ted the therapist	2022	International Journal of Information Technology (Singapore)
61	Alam M.T., Sohail S.S., Ubaid S., Shakil, Ali Z., Hijji M., Saudagar A.K.J., Muhammad K.	It's Your Turn, Are You Ready to Get Vaccinated? Towards an Exploration of Vaccine Hesitancy Using Sentiment Analysis of Instagram Posts	2022	Mathematics
62	Mir T.M., Rehman M.U., Ashfaq M.K., Qamar W., Khan R., Ali A., Almuqbil M., Alshehri S., Sultana S.	Carum carvi Modulates Acetaminophen-Induced Hepatotoxicity: Effects on TNF- α , NF- κ B, and Caspases	2022	Applied Sciences (Switzerland)
63	Ahsaan S.U., Kaur H., Mourya A.K., Naaz S.	A Hybrid Support Vector Machine Algorithm for Big Data Heterogeneity Using Machine Learning	2022	Symmetry
64	Kashyap G.S., Malik K., Wazir S., Khan R.	Using Machine Learning to Quantify the Multimedia Risk Due to Fuzzing	2022	Multimedia Tools and Applications
65	Khalique A., Alam M.A., Hussain I., Tanweer S., Khan T.A.	Security and privacy issues in VANET: A comprehensive study	2022	Vehicular Ad Hoc Networks: Futuristic Technologies for Interactive Modelling, Dimensioning, and Optimization
66	Arif M., Wang G., Mohammed M.A., Nafs M.T.	Vehicular ad hoc networks: Futuristic technologies for interactive modelling, dimensioning, and optimization	2022	Vehicular Ad Hoc Networks: Futuristic Technologies for Interactive Modelling, Dimensioning, and Optimization
67	Noor A., Nafs M.T., Wazir S.	Blockchain technology in intelligent transportation systems	2022	Vehicular Ad Hoc Networks: Futuristic Technologies for Interactive Modelling, Dimensioning, and Optimization
68	Batra P., Hussain I., Ahad M.A., Casalino G., Alam M.A., Khalique A., Hassan S.I.	A Novel Memory and Time-Efficient ALPR System Based on YOLOv5	2022	Sensors
69	Kumar S.	Modeling usage intention for sustainable transport: Direct, mediation, and moderation effect	2022	Sustainable Production and Consumption
70	Himeur Y., Sohail S.S., Bensaali F., Amira A., Alazab M.	Latest trends of security and privacy in recommender systems: A comprehensive review and future perspectives	2022	Computers and Security
71	Mohammed R.T., Kaur H., Alankar B., Chauhan R.	Recognition of human Iris for biometric identification using Daugman's method	2022	IET Biometrics
72	Mukherjee S., Suleman S., Pilloton R., Narang J., Rani K.	State of the Art in Smart Portable, Wearable, Ingestible and Implantable Devices for Health Status Monitoring and Disease Management	2022	Sensors
73	Jameel R., Shobitha M., Mourya A.K.	Predictive modeling and cognition to cardio-vascular reactivity through machine learning in Indian adults with sedentary and physically active lifestyle	2022	International Journal of Information Technology (Singapore)

74	Shuaib M., Hassan N.H., Usman S., Alam S., Bhatia S., Agarwal P., Idrees S.M.	Land Registry Framework Based on Self-Sovereign Identity (SSI) for Environmental Sustainability	2022	Sustainability (Switzerland)
75	Gautam A., Mahajan R., Zafar S.	Big Data Analytics for MANET Based Sustainable Smart Healthcare Solution	2022	Recent Advances in Computer Science and Communications
76	Tajammul M., Parveen R., Asif S.	Deterministic Algorithm for Cloud Outsourced Data	2022	SN Computer Science
77	Kaur G., Gupta S.H., Kaur H.	Optimizing the LoRa network performance for industrial scenario using a machine learning approach	2022	Computers and Electrical Engineering
78	Nafis M.T., Biswas R.	A secure technique for unstructured big data using clustering method	2022	International Journal of Information Technology (Singapore)
79	Chopra K.	Mobile Ad Hoc Network Security Using Mean Field Game Theoretic Threshold-Based Scheme	2022	Recent Advances in Computer Science and Communications
80	Gautam A., Mahajan R., Zafar S.	Performance Analysis of Hybrid Protocol Under Distributed Denial of Service Attack in Remote Healthcare Systems	2022	Recent Advances in Computer Science and Communications
81	Joon D., Chopra K.	A SECURE AND ENERGY-EFFICIENT MODEL FOR CPS USING DEEP LEARNING APPROACH	2022	Journal of Theoretical and Applied Information Technology
82	Farooqi A.M., Alam M.A., Hassan S.I., Idrees S.M.	A Fog Computing Model for VANET to Reduce Latency and Delay Using 5G Network in Smart City Transportation	2022	Applied Sciences (Switzerland)
83	Kaur H., Mohanty M.N.	COVID-19 outbreak analysis and prediction using statistical learning	2022	Advanced Data Mining Tools and Methods for Social Computing
84	Kaur H., Kumari V.	Predictive modelling and analytics for diabetes using a machine learning approach	2022	Applied Computing and Informatics
85	Bukhari O., Agarwal P., Koundal D., Zafar S.	Anomaly detection using ensemble techniques for boosting the security of intrusion detection system	2022	Procedia Computer Science
86	Solanki R., Ahmad F.J., Alankar B., Kaur H.	Supervised Learning in Diagnosis, Prognosis, and Identification of Subtypes of Cancer	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022
87	Ahamad S., Christian N., Luling, Lodhi A.K., Mamodiya U., Khan I.R.	Evaluating AI System Performance by Recognition of Voice during Social Conversation	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022
88	Chakraborty C., Pani S.K., Ahad M.A., Xin Q.	Preface	2022	Implementation of Smart Healthcare Systems using AI, IoT, and Blockchain
89	Chakraborty C., Pani S.K., Ahad M.A., Xin Q.	Implementation of Smart Healthcare Systems using AI, IoT, and Blockchain	2022	Implementation of Smart Healthcare Systems using AI, IoT, and Blockchain
90	Khanam S., Tanweer S., Khalid S.S.	Future of Internet of Things: Enhancing Cloud-Based IoT Using Artificial Intelligence	2022	International Journal of Cloud Applications and Computing
91	Ashraf M., Sohail S.S., Chaudhry B.M.	Issues, Challenges, and Opportunities in Food Recommender Systems	2022	2022 International Conference on Data Analytics for Business and Industry, ICDABI 2022
92	Husain S.M.A., Ahmad S.Y., Aziz A., Sohail S.S.	Drone for Agriculture: A way forward	2022	2022 International Conference on Data Analytics for Business and Industry, ICDABI 2022
93	Rasveen, Agrawal S., Chopra K.	Narrowband internet of things: performance analysis of coverage enhancement in uplink transmission	2022	International Journal of Wireless and Mobile Computing
94	Siddiqui A.A., Sohail S.S., Areeb Q., Mansoor W., Nafis M.T.	Classification of Cumin, Fennel and Carom Using Transfer Learning	2022	2022 5th International Conference on Signal Processing and Information Security, ICSPIS 2022

95	Atalla S., Himeur Y., Mansoor W., Amira A., Fadli F., Copiaco A., Sohail S.S.	Recommendation System Towards Residential Energy Saving Based on Anomaly Detection	2022	2022 5th International Conference on Signal Processing and Information Security, ICSPIS 2022
96	Saud H., Naaz S., Saiyeda A.	A Smell Sensor based Improved Waste Management System for Green and Smart Cities	2022	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings
97	Rao H., Gupta M., Agarwal P., Bhatia S., Bhardwaj R.	Mental health issues assessment using tools during COVID-19 pandemic	2022	Innovations in Systems and Software Engineering
98	Kak S.M., Agarwal P., Alam M.A., Siddiqui F.	A hybridized approach for minimizing energy in cloud computing	2022	Cluster Computing
99	Sajid M.F., Naaz S.	Virtual Intelligent Assistant: A Support for Elderly People	2022	2022 IEEE Global Conference on Computing, Power and Communication Technologies, GlobConPT 2022
100	Jain S., Afshar Alam M.	Development of Application Software for Generating Music Composition Inspired by Nature Using Deep Learning	2022	2022 2nd International Conference on Computer Science, Engineering and Applications, ICCSEA 2022
101	Sircar A., Tripathi G., Bist N., Ara Shakil K., Sathiyarayanan M.	Emerging Technologies for Sustainable and Smart Energy	2022	Emerging Technologies for Sustainable and Smart Energy
102	Sircar A., Tripathi G., Bist N., Ara Shakil K., Sathiyarayanan M.	Preface	2022	Emerging Technologies for Sustainable and Smart Energy
103	Chopra K.	Intercept analysis with threshold-based diversity reception for cognitive network	2022	International Journal of Ad Hoc and Ubiquitous Computing
104	Kaur G., Gupta S.H., Kaur H.	Performance evaluation and optimization of long range IoT network using whale optimization algorithm	2022	Cluster Computing
105	Alam M., Khan I.R., Afshar Alam M., Siddiqui F., Tanweer S.	IoT Framework for Healthcare: A Review	2022	Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022
106	Ansari L., Afshar Alam M., Abdul Ahad M., Tabrez Nafis M.	Fostering Smart Cities and Smart Governance Using Cloud Computing Architecture	2022	Lecture Notes in Networks and Systems
107	Rahman S., Parveen S., Sofi S.A.	Medical IoT Data Analytics for Post-COVID Patient Monitoring	2022	Lecture Notes in Networks and Systems
108	Chamoli A., Ahmed J., Alam M.A., Alankar B.	Analysis on optimal ways to secure image encryption and decryption	2022	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022
109	Masood R., Pandey N., Rana Q.P.	Towards an efficient and secure computation over outsourced encrypted data using distributed hash table	2022	International Journal of Cloud Computing
110	Soni M., Khan I.R., Basir S., Chadha R., Alguno A.C., Bhowmik T.	Light-Weighted Deep Learning Model to Detect Fault in IoT-Based Industrial Equipment	2022	Computational Intelligence and Neuroscience
111	Kak S.M., Agarwal P., Alam M.A.	Task Scheduling Techniques for Energy Efficiency in the Cloud	2022	EAI Endorsed Transactions on Energy Web
112	Khalique A., Rahmani M.K.I., Saquib M., Hussain I., Muzaffar A.W., Ahad M.A., Nafis M.T., Ahmad M.W.	A Deterministic Model for Determining Degree of Friendship Based on Mutual Likings and Recommendations on OTT Platforms	2022	Computational Intelligence and Neuroscience
113	Chang V., Kaur H., Fong S.J.	Preface	2022	Studies in Computational Intelligence
114	Kaur H., Alam I., Chauhan R., Alankar B.	COVID-19 Patients Management and Triaging Using Machine Learning Techniques	2022	Studies in Computational Intelligence
115	Chauhan R., Kaur H.	Knowledge Framework for Deep Learning: Congenital Heart Disease	2022	Studies in Big Data

116	Chauhan R., Kaur H.	A Predictive Data Analytic Approach to Get Insight of Healthcare Databases	2022	Studies in Big Data
117	Jain S., Arora P., Nainwal L.M.	Essential Oils as Potential Source of Anti-dandruff Agents: A Review	2022	Combinatorial Chemistry and High Throughput Screening
118	Soni M., Khan I.R., Babu K.S., Nasrullah S., Madduri A., Rahin S.A.	Light Weighted Healthcare CNN Model to Detect Prostate Cancer on Multiparametric MRI	2022	Computational Intelligence and Neuroscience
119	Siddiqui F., Zafar S., Khan S., Iftexhar N.	Computer Vision Analysis of BRIEF and ORB Feature Detection Algorithms	2022	Smart Innovation, Systems and Technologies
120	Banday M., Zafar S., Siddiqui F.	Efficient Automated Disease Diagnosis Using Machine Learning Models	2022	Smart Innovation, Systems and Technologies
121	Chaudhary S., Amgai R., Gupta S.D., Iftexhar N., Zafar S., Mahto A.K.	Comparative Study of Static and Hybrid Analysis Using Machine Learning and Artificial Intelligence in Smart Cities	2022	Internet of Things
122	Rodrigues J.J.P.C., Agarwal P., Khanna K.	Preface	2022	Internet of Things
123	Agarwal P., Alam M.A., Idrees S.M., Singh A.V., Rodrigues J.J.P.C.	Energy Harvesting for Sustainability	2022	Internet of Things
124	Koshy A.S., Fatima N., Agarwal P., Rodrigues J.J.P.C.	Security and Privacy Threats in IoT-Enabled Smart Cities	2022	Internet of Things
125	Chopra K., Alam M.A.	Stackelberg secure modelling game scheme for price-power control in cognitive radio enabled agriculture system	2022	International Journal of Computational Economics and Econometrics
126	Naaz S., Siddiqui F.	Application of Big Data in Digital Epidemiology	2022	Research Anthology on Big Data Analytics, Architectures, and Applications
127	Rasveen, Agrawal S., Chopra K., Kumar S.	Coverage and Latency Analysis for NB-IoT in Uplink Transmission	2022	2022 International Conference on Decision Aid Sciences and Applications, DASA 2022
128	Kumar A., Khan S.F., Sodhi R.S., Khan I.R., Kumar S., Tamrakar A.K.	Deep learning Based Patient-Friendly Clinical Expert Recommendation Framework	2022	Proceedings of 2nd International Conference on Innovative Practices in Technology and Management, ICIPTM 2022
129	Kaur G., Gupta S.H., Kaur H.	Evaluating and Optimizing the Performance of Dual-Hop LoRa Network using Genetic Algorithm	2022	Proceedings of 2nd International Conference on Innovative Practices in Technology and Management, ICIPTM 2022
130	Kaushik S., Phogat M., Sharma A.K., Kumar N., Vats P., Biswas S.S.	A Comprehensive Analysis of Mixed Reality Visual Displays in Context of its Applicability in IoT	2022	2022 International Mobile and Embedded Technology Conference, MECON 2022
131	Reshma V.K., Khan I.R., Niranjanamurthy M., Aggarwal P.K., Hemalatha S., Almuzaini K.K., Tetteh Amoatey E.	Hybrid Block-Based Lightweight Machine Learning-Based Predictive Models for Quality Preserving in the Internet of Things- (IoT-) Based Medical Images with Diagnostic Applications	2022	Computational Intelligence and Neuroscience
132	Gautam A., Mahajan R., Zafar S.	Energy Consumption Analysis of IoT-Manet Based Systems with Anova Assessment for Tackling Covid-19	2022	Journal of Information Technology Management
133	Anwar K., Zafar A., Iqbal A., Sohail S.S.	An OWA-Based Feature Extraction and Ranking for Performance Evaluation of the Players in Cricket	2022	Lecture Notes on Data Engineering and Communications Technologies
134	Yilmaz S., Nadeem Y., Mehdi S.A.	Pattern Recognition Search: An Advancement Over Interpolation Search	2022	Proceedings - 2022 IEEE International Conference on Big Data and Smart Computing, BigComp 2022
135	Haq Z.A., Jaffery Z.A., Mehfuz S.	A Novel Framework for Smart Agriculture using Internet of Things and Enabling Technologies	2022	2022 International Conference for Advancement in Technology, ICONAT 2022

136	Yao B., Kler R., Khan S.F., Bansal G., Khan I.R., Singh B.K.	Optimal Design of Intelligent Control System in the Communication Room Based on Artificial Intelligence	2022	Wireless Communications and Mobile Computing
137	Chopra K., Sondhi A., Alam M.A.	Trust-based duopoly secure game models for cooperative relay networks	2022	International Journal of Internet Technology and Secured Transactions
138	Alhassan N.A., Saad Albarak A., Bhatia S., Agarwal P.	A Novel Framework for Arabic Dialect Chatbot Using Machine Learning	2022	Computational Intelligence and Neuroscience
139	Shakil, Arif M., Sohail S.S., Alam M.T., Ubaid S., Nafis M.T., Wang G.	Towards a Two-Tier Architecture for Privacy-Enabled Recommender Systems (PeRS)	2022	Communications in Computer and Information Science
140	Khan N.A., Panchal V.K., Tanweer S.	In-Depth Analysis of Cryptographic Algorithms for Cloud-Database Security	2022	Lecture Notes in Networks and Systems
141	Jain S., Alam M.A.	Sustainable Smart Village Online Groundwater Level Monitoring System to Find the Recharging Capacity of Wells	2022	Lecture Notes in Networks and Systems
142	Baig M.A., Khan I.R.	Psychological Impacts of Covid-19 on Human Health	2022	Lecture Notes in Networks and Systems
143	Siddiqi A.S., Zafar S., Alam M.A., Khan S., Iftikhar N., Biswas S.S.	Applying Predictive Analysis Methods for Detection of Driver Drowsiness	2022	Lecture Notes in Networks and Systems
144	Fatima N., Agarwal P., Sohail S.S.	Security and Privacy Issues of Blockchain Technology in Health Care—A Review	2022	Lecture Notes in Networks and Systems
145	Vats P., Batra R., Doja F., Phogat M., Gupta P.K., Biswas S.S.	Using Machine Learning Based CNN Architectural Models for Breast Ductal Carcinoma Recognition	2022	Lecture Notes in Networks and Systems
146	Jain S., Alam M.A.	Impact of Digital Wellbeing in Intelligent Knowledge Management Systems	2022	Lecture Notes in Networks and Systems
147	Shahab S., Agarwal P., Mufti T., Obaid A.J.	SloT (Social Internet of Things): A Review	2022	Lecture Notes in Networks and Systems
148	Tatari M., Agarwal P., Alam M.A., Ahmed J.	Review of Smart Building Management System	2022	Lecture Notes in Networks and Systems
149	Paliwal S., Parveen S., Afshar Alam M., Ahmed J.	Sentiment Analysis of COVID-19 Vaccine Rollout in India	2022	Lecture Notes in Networks and Systems
150	Aqtab F., Parveen S.	Data Analytics and Visualization to Aid Mental Health Care	2022	Lecture Notes on Data Engineering and Communications Technologies
151	Ahmad M.A., Kareem O., Khushtar M., Akbar M., Haque M.R., Iqbal A., Haider M.F., Pottoo F.H., Abdulla F.S., Al-haidar M.B., Alhajri N.	Neuroinflammation: A Potential Risk for Dementia	2022	International Journal of Molecular Sciences
152	Sharma T., Alam A., Ehtram A., Rani A., Grover S., Ehtesham N.Z., Hasnain S.E.	The Mycobacterium tuberculosis PE_PGRS Protein Family Acts as an Immunological Decoy to Subvert Host Immune Response	2022	International Journal of Molecular Sciences
153	Jain S., Alam M.A.	Review of Forthcoming ICT-Enabled Applications Promoting Learning in Higher Education	2022	Smart Innovation, Systems and Technologies
154	Ahmad S., Sharma S., Afjal M.A., Habib H., Akhter J., Goswami P., Parvez S., Akhter M., Raisuddin S.	mRNA expression and protein-protein interaction (PPI) network analysis of adrenal steroidogenesis in response to exposure to phthalates in rats	2022	Environmental Toxicology and Pharmacology

155	Siddiqui S.A., Ahmad M.O., Ahmed J.	Smart Home for Efficient Energy Management	2022	Green Energy and Technology
156	Ansari L., Alam M.A., Biswas R., Idrees S.M.	Adaptation of Smart Technologies and E-Waste: Risks and Environmental Impact	2022	Green Energy and Technology
157	Mufti T., Sohail S.S., Gupta B., Agarwal P.	Sustainable Approach for Cloud-Based Framework Using IoT in Healthcare	2022	Green Energy and Technology
158	Fazili S., Grover J.	Smart Grid: A Survey	2022	Green Energy and Technology
159	Aijaz I., Ahmad A.	Electric Vehicles for Environmental Sustainability	2022	Green Energy and Technology
160	Aziz A., Beg M.R.	Green Building: Future Ahead	2022	Green Energy and Technology
161	Kak S.M., Agarwal P., Alam M.A.	Energy Minimization in a Sustainably Developed Environment Using Cloud Computing	2022	Green Energy and Technology
162	Rahman N.	Existing Green Computing Techniques: An Insight	2022	Green Energy and Technology
163	Agarwal P., Mittal M., Ahmed J., Idrees S.M.	Preface	2022	Green Energy and Technology
164	Saqui M., Khaliq A., Hussain I.	A Study of Recommendation System on OTT Platform and Determining Similarity and Likelihood Among Users for Recommendation of Movies	2022	Lecture Notes on Data Engineering and Communications Technologies
165	Siddiqi A.S., Alam M.A., Mehta D., Zafar S.	Machine Learning-Based Predictive Analysis to Abet Climatic Change Preparedness	2022	Lecture Notes on Data Engineering and Communications Technologies
166	Siddiqi A.S., Alam M.A., Zafar S., Khan S., Iftakhar N.	Cognition of Driver Drowsiness to Inculcate Predictive Analysis	2022	Lecture Notes on Data Engineering and Communications Technologies
167	Jaweed A., Siddiqui F.	Implementation of Machine Learning in Lung Cancer Prediction and Prognosis: A Review	2022	Lecture Notes in Networks and Systems
168	Moizuddin, Enayat S., Khan I.R.	A Novel Method of Transforming Real Images & Videos into Cartoon Images & Videos	2022	Lecture Notes in Networks and Systems
169	Neha, Gupta P., Alam M.A.	Challenges in the Adaptation of IoT Technology	2022	Intelligent Systems Reference Library

16. Achievements/ Recognitions/ Awards received/ awarded to faculty members (Pls give details)

Prof. M. Afshar Alam, Dr. Farheen Siddiqui, Dr. Sherin Zafar: Special mentor award managing stall of spoken tutorial, IIT Bombay in world book fair-2023.

Prof. M. Afshar alam, IRSD Distinguished Academician Award 2023

Dr. Farheen Siddiqui, Dr. Sherin Zafar, Spoken tutorial, IIT Bombay Master Educator Award-2023

a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

1. Prof M Afshar Alam, Member, UGC, NAAC, AICTE committees

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

c. Awards and Honours (Awards, fellowships of professional societies/associations)

1. Prof. M Afshar Alam, Fellow, IETE
2. Prof. M Afshar Alam, Life Member, ISTE
3. Dr. Parul Agarwal, Senior Member, IEEE
4. Dr. Samina Naaz, Senior Member, IEEE
5. Dr. Harleen Kaur, Fellow, IETE
6. Dr. Bhavya Alankar, Fellow, IETE
7. Dr. Jawed Ahmed, Fellow, IETE
8. Dr. Safdar Tanweer, Fellow, IETE
9. Dr. Md. Tabrez Nafis, Fellow, IETE
10. Dr. Tabrez Nafis, Senior Member, IEEE
11. Dr. Mohd Abdul Ahad, Senior Member, IEEE
12. Dr. Siddhartha Sankar Biswas, Member, IETE

d. Invited as keynote or plenary speaker.

1. Prof. (Dr.) M Afshar Alam
2. Dr. Farheen Siddiqui
3. Dr. Harleen Kaur
4. Dr. Sherin Zafar

17. Students achievements

a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)

1. Gate: 2
2. GRE/IELTS: 1

b. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	IEEE Delhi Section Editorial Coordinator	July 2021 - June 2022		Aishwarya Chand	All India Level
2	IEEE India Council - Delhi Section Representative	February, 2022 - present		Aishwarya Chand	All India Level
3	IEEE Delhi Section Social Media & Networking Lead	20 July, 2022 - 23 April, 2023		Mohsina Bilal	New-Delhi
4	IEEE Delhi Section Editorial Lead	20 July, 2022 - 23 April, 2023		Amrit Kaul	New-Delhi
5	HackJMI Hackathon	11-12 February, 2023		Maseera Fatima	Online
6	DTU - IEEE's DSSYWC'22	17-18 September, 2022		Abdullah Shahid, Zoheb Hassan, Abu Talha Hussain, Mohd Tabish, Zayena,	Delhi Technological University

				Yusma Hilal, Mohsina Bilal, Zoya Iftakhar, Amaan Khan, Mohammad Anas, Utsav Jha, Anhad Grover, Master Prince, Kamran Khan Alwi, Falak, Zohaib Hassan, Maheen Ashraf, Zubia Nasir, Adiba Ansari	
7	BVICAM - IEEE Day	8 October, 2022		Aabiyah Zehra	Bharati Vidyapeeth's College of Engineering
8	Spoken Tutorial Stall at World Book Fair	28 February, 2023		Anhad Grover, Siddhi Mohanty, Mohd Tabish, Adiba Ansari, Master Prince, Abdullah Shahid	Pragati Maidan
9	Sanganak Vimarsh 2023	March 22-23 ,2023		Ali Ahmad Abdullah Fardeen Sufiyan	ATMA RAM SANATAN DHARMA COLLEGE UNIVERSITY OF DELHI

c. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Organization/Institution visited	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	Nagarro	2	4.5
2.	Big Oh Notation (1st Drive)	2	4.5 -5.2
3.	SPER (Internship)	1	2.04 - 2.16
4.	Posist Technologies	1	8.5
5.	The Tech Destiny	8	5
6.	HIKEEDU	2	6.42
7.	Hexaview Tech	1	6
8.	Hexaware	1	4
9.	HCL	3	4.25
10.	Magic Edtech	1	6 - 9
11.	Think Future Technology	2	3.6
12.	IBM CODEKNACK	1	4.5
13.	WSP INDIA	1	6.5
14.	TCS - Ninja	1	3.36
15.	TCS - Digital	1	7
16.	TCS-NQT(MCA)	1	3.36
17.	TCS-NQT(B. Tech ECE)	1	3.36
18.	TCS-NQT(B. Tech CSE)	1	7
19.	NewGen	1	2.4
20.	RMSI	1	3
21.	Frontiers Management System	1	4.8
22.	Wingify Software Pvt. Ltd	1	3
23.	Engineering and Environment Solution pvt Ltd	1	4.25
24.	Learnivio	1	0.6
25.	ExpertLancing	1	3.5
26.	Bigohealth Private Limited	1	5.2
27.	Concentrix Daksh Services India Private Limited	1	6
28.	Varunastra Technologies Private Limited	1	7.82
29.	Nagarro Enterprise Software Pvt. Ltd	1	2.2
30.	IBM Private Limited	1	4.5
31.	TECHNO Pratham	1	2.88
32.	To The New Private Limited	1	1.81
33.	Goldman Sachs	1	\$25,000

34.	QIP CEP IIT DELHI	3	No
35.	DRDO Timarpur	2	No
36.	NatWest	1	5.4
37.	Warp Velocity	1	3
38.	Digiversal	1	3.6
39.	PlanetSpark	2	6.5
40.	Blackopal	2	4.5
41.	CSR	2	3-12
42.	Aakash Byju's	1	7.25
43.	WIPRO	2	1.8
44.	ANM	1	3.71
45.	SYMB	2	2.25
46.	ENORD	1	7.25
47.	SonicWall	1	5
48.	WebLogix	2	4.8
49.	Pleo Technologies Ltd	1	38
50.	BYJU'S	1	7
51.	Webknot Technologies Pvt. Ltd.	1	10-12
52.	A Division of Multiplier Brand Solutions Pvt. Ltd.	1	3

School of Interdisciplinary Sciences and Technology

Dean : Prof. Farhan Jalees Ahmed

Brief Introduction of School

The Food Technology program to produce professionally competent, proficient and highly skilled personnel in the field of food technology, with a knowledge of various aspects of food science and technology including the quality of raw material, packaging standards and methodology, health and hygiene parameters, processing techniques, storage and food value; To impart technical and techno-managerial skill to the unemployed youth and the agrarian society; To promote R&D in the field and assist in the implementation of the food processing, safety and quality management of the food regulating bodies like FSSAI, BIS, ISO, CODEX.

DOFT in the school received a substantial grant of Rs. 75 lakh in 2010 from Ministry of Food Processing Industries to strengthen the laboratories and infrastructure of the Department. The department has funding for research projects from UGC, AICTE, SERB etc. The Department of Food Technology has received a grant of 1.5 Crore Rupees under DST-FIST program.

Name of the Departments/Academic Units under the School

1. B Tech Food Technology
2. M. Tech. Food Technology
3. M.Sc. Nutrition and Dietetics
4. Ph.D Food Technology
5. Ph.D Interdisciplinary Sciences

(A) NAME OF THE SCHOOL: School of Interdisciplinary Sciences and Technology

(B) NAME OF THE DEPARTMENT/CENTRE/ACADEMIC UNIT: FOOD TECHNOLOGY

1. Head/Director of the Department/Centre/Unit: Prof. Sayeed Ahmad

2. Faculty members: (1st April, 2022 to 31st March, 2023)

S. No.	Name (in full) with Designation	Qualification (only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof Sayeed Ahmad	PhD	Director, Centre of Excellence
2.	Dr. Vasudha Sharma	PhD	
3.	Dr. Sweta Joshi	PhD	
4.	Er. Jinku Bora	PhD (Thesis submitted)	
5.	Dr. Aastha Bhardwaj	PhD	CTSI Coordination Committee, Department-Results & tabulation committee member, SPOC for Food Technology for UMS.
6.	Dr. Swati Kimothi	PhD	Time table formation
7.	Ms. Kalpana Yadav	MSc, UGC NET JRF Qualified-2022	Time table formation
8.	Dr Kulsum Jan	M Tech., PhD	Admission Women Development Cell, Member, Cultural and Sports Committee (Cricket & Basket ball), 2022., Member Academic Audit Committee, IQAC, Jamia Hamdard, 2022, Co-Ordinator Annual Food Mela
9.	Dr Khalid Bashir	M Tech., PhD	Member CTSI, Admission committee, NAAC Placement Cell Student Grievances Sports Committee
10.	Dr. Sadia Chishty	NET, PhD	M.Sc Nutrition and dietetics Curriculum planning

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	Prof. Muthu Muthukumarappan, South Dakota State University	Food Technology	Functional Foods, Food Engineering	
2	Dr. Dilip Ghosh Managing Director at Nutricconnect, Astralia	Food Technology	Functional Foods	

4. Programmes/Courses offered by the Department during 2022-2023

UG/PG/Doctorate level

S. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	MTech Food Technology	PG	20	13
2	MSc Nutrition & Dietetics	PG	20+5 (NRI)	21
3	B. Tech Food Technology	UG	30	20

5. New programme(s)/Courses launched during 2022–23:

Sl. No.	Name of course	Level (UG/PG/Doctoral/Diploma/Certificate)	Approved intake	Enrollment in the year
1	MSc Nutrition & Dietetics	PG	20 + (5 NRI)	21

6. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1.	Development of ICT enabled Classrooms (3)	

7. Details of post-doctoral Research scholars attached to the Department during 2022-2023

S. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Sadaf Nazir	ICMR- RA	ICMR	Technological interventions to enhance the bioavailability of omega fatty acids using nano-encapsulated systems

9 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Tarun Kumar	Process technology for a probiotic millet Based beverage	Dr. Vasudha Sharma	-
2.	Shivani Singh	Development of heat resistant encapsulant for selected Pigments using thermal protectants	Dr. Vasudha Sharma	UGC-SRF
3.	Pritika Sharma	Probiotic bael (<i>Aegle Marmelos</i>) Based Nutraceutical for Remission of ulcerative colitis	Dr. Vasudha Sharma	ICMR-SRF
4.	Mehvish Habib	Nutraceutical Potential Of Pumpkin Seed Bioactives And Their Application In Development Of Functional Foods	Dr Khalid Bashir	ICMR SRF
5.	Sameer Ahmad	Encapsulation Efficiency and Nutraceutical Potential of β -Glucan Extracted from Red algae (<i>Gracilaria corticata</i>)	Dr Khalid Bashir	UGC NET
6.	Sakshi	Enhancement of Nutraceutical Potential of Sorghum for its Application in the Development of ready to eat Functional Foods	Dr Kulsum Jan	DST PURSE
7.	Manisha Thakur	To Evaluate the Nutraceutical Properties of Nettle Leaves For its Potential in Food Application	Dr Kulsum Jan	NET
8.	Neha	Method development and Validation for the determination of Pesticides in Lanolin	Dr Kulsum Jan	MoU
9.	Anuradha Shee	Development of a Plant Based nephroprotective functional beverage for management of chronic kidney disease	Prof Sayeed Ahmad	UGC-NET-JRF
10.	Haseeba Sayeeda		Prof Sayeed Ahmad	

9 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Omeera Ayoub	To Study the effect of Non-Thermal Technique of Preservation on the Quality and Shelf-life of Himalayan (Kashmiri) Red Chilli	09 Jan,2023	Dr. Z.R.A.A. Azad
2	Sarushi Rastogi	Development of Cysteamine modified Gold nanoparticle sensor for colorimetric detection of oxytocin in fruits and vegetables	20 th March, 2023	Dr. Vasudha Sharma
3	Aastha Bhardwaj	Development of biodegradable packaging material made from agricultural wastes and assess its suitability for food products	22 nd Dec, 2022	Dr. Hinna Hamid
4	Bisma Jan	Antioxidant, Anti diabetic and Anti-microbial potential of Mulberry Leaves and fruits for the development of a functional drink	14 th Feb 2023	Prof Sayeed Ahmad
5	Mohammad Umar Khan	Quality Control and Nephro protective potential of Shrabat-e- Bazuri extracts	15 th Feb 2023	Prof Sayeed Ahmad
6	Muneeb Ahmad Malik	Studies on Vitamin D bioconversion, stability, and Bio availability in edible mushrooms	9 th Sept 2022	Prof. Afrozul Haq
7	Yasmeena Jan	Fortification of Jamun juice with Vitamin D and its Therapeutic Effect	28 Sept, 2023	Prof Sayeed Ahmad
8	Aayeena Altaf	Studies on Fermented Wheat, its chemical evaluation and role in maintaining bone health	29 Aug 2022	Dr. Showkat R Mir

10.(a) Seminars/ Symposium/ Conferences/ Workshops/ CME/ faculty development programmes organized by the Department (2022-2023)

S. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1.	Seminar on Nutrition and Immunity- Simplified and Applied by Prof Eram Rao from Dept. of Food Technology, Bhaskaracharya College of Applied Sciences, University of Delhi	10 th Oct 2022		90
2.	Lecture on "Healthy Nutrition for Young Adults" by Dr. Bushra from Dept. of Nutrition of Dietetics, school of Allied and Health Sciences, Sharda University	20 th Oct 2022		85
3.	Lecture on Eating Disorders among Adolescent and Role of Dieticians by Dr. Surbhi Aggarwal from Dept. of Nutrition of Dietetics, Imperial College London	17 th Oct 2022		100
4.	Lecture on Emerging trends in Food Science and Nutrition" by Prof. Seema Puri, Head, Food Science & Nutrition, Institute of Home Economics (IHE), University of Delhi	27- 09- 2022		110
5.	Lecture on "Bio-Colorants: A new Sustainable Food Additives" by Dr. Monika Thakur from Dept. of Food Technology, Amity University	13 th Oct 2022		90
6.	Seminar on Food Fortification in Staple Foods by Dr. Shumaila Jan from Dept. of Food Technology, National Institute of Food Technology and Entrepreneurship and Management-NIFTEM	21 st Oct 2022		90
7.	Seminar on Nutrition during Life Cycle Ms. Farrukh Farrah, Dietician, Hamdard Institute of Medical Sciences and Research	18 th Oct 2022		100
8.	Lecture on "Food Safety and Role of Food Technologists" by Dr. Prem K Jaiswal Independent Advisor to FSSAI	27 Sep, 2022		110
9.	Annual Food Mela	19 Oct, 2022		> 5000

10.(b) Faculty Development Programmes/ Workshops/ Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Sweta Joshi	FDP on "Adaptation & Execution of National Education Policy 2020-foe Effective Teaching & Learning Techniques" organized by Jamia Hamdard in collaboration with UGC-HRDC Jamia Millia Islamia,	14 th Dec-20 th Dec,2022	Jamia Hamdard
2.	Dr. Vasudha Sharma	FDP on "Adaptation & Execution of National Education Policy 2020-foe Effective Teaching & Learning Techniques" organized by Jamia Hamdard in collaboration with UGC-HRDC Jamia Millia Islamia,	14 th Dec-20 th Dec,2022	Jamia Hamdard
3.	Dr. Aastha Bhardwaj	National Workshop on "Capacity Building for Enhancing Administrative Efficiency for Teaching & Non-teaching Staff of Higher Education Institutes"	January 16-20, 2023.	Bhaskaracharya College of Applied Sciences, Delhi University
4	Dr. Kulsum Jan	Women Entrepreneurship Development Programme (WEDP) Sponsored by Department of Science & Technology (DST), Govt. of India,	22 August 2022 to 16 September 2022	Jamia Hamdard, New Delhi, India.
5	Dr. Kulsum Jan	Two-week Refresher Course in Life Sciences organized by Ministry of Education, Teaching Learning Centre,	28th October to 11th November 2022.	Ramanujan College, University of Delhi

11. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Aastha Bhardwaj	Recent trends in packaging of food and pharmaceutical products	21 st July, 2022 Jamia Hamdard	-	75

12. Visits by Distinguished persons/Foreign faculty or delegates to the University/ Schools/Dept./Centre (2022-2023)

S. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Dept./Centre	Date
1.	Prof Sema Puri	Head, Food Science & Nutrition, Institute of Home Economics	Seminar and Induction Program	Food Technology, SIST	27-09-2022
2	Dr. Prem Kumar Jaiswal	Independent Advisor to Food Safety and Standards Authority of India (FSSAI)	Seminar and Induction Program	Food Technology, SIST	27-09-2022
3.	DR. SANJAY SHARMA	Lead-Regulatory affairs, Hindustan Unilever	Lead-Regulatory affairs, Hindustan Unilever	Food Technology, SIST	27-09-2022
4	MR. MANSOOR ALI	Chief Sales & Marketing Officer, Hamdard Laboratories India Ltd.	Seminar and Induction Program	Food Technology, SIST	27-09-2022

13. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date Submission of	Status (Filed or Granted)
1	202114035397	A colorimetric sensor for detecting oxytocin and method thereof	Sarushi Rastogi, Dr. Vasudha Sharma, Prof. Farhan J Ahmad	05-08-2021	Granted
2	202111022364	Eco-friendly paper product made from corn husk (CH), pithed sugarcane bagasse (SB) and their furnish	Aastha Bhardwaj, Nitya Sharma, Vasudha Sharma, Tanweer Alam, Hinna Hamid	19-05-2022	Filed
3	2021104945 [International Patent]	A colorimetric sensor for detecting oxytocin and method thereof	Sarushi Rastogi, Dr. Vasudha Sharma, Prof. Farhan J Ahmad		Granted
4	202211012630	A Probiotic Bael based Nutraceutical and a Process of Preparation Thereof	Pritika Sharma, Vasudha Sharma, Nidhi		Filed

14. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

S. No	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Sweta Joshi (Assistant Professor)	Nazia Tabassum, Sweta Joshi, Z. R. A. A. Azad & Sadaf Ahmad (2023) Encapsulation Technologies: Principles and Applications in the Food Industry. In Novel Processing Methods for Plant-Based Health Foods: Extraction, Encapsulation and Health Benefits of Bioactive Compounds, Apple Academic Press, CRC (ISBN: 978-1-774-91074-0)
2.	Dr. Vasudha Sharma (Assistant Professor)	Hanan, E., Hasan, N., Zahiruddin, S., Ahmad, S., Sharma, V., & Ahmad, F. J. (2023). Metabolite profiling and Ameliorative effect of quince (<i>Cydonia oblonga</i>) leaves against doxorubicin induced cardiotoxicity in Wistar rats. <i>Food Bioscience</i> , 53, 102691.
3.	Dr. Vasudha Sharma (Assistant Professor)	Singh, S., Aeri, V., & Sharma, V. (2023). Encapsulated natural pigments: Techniques and applications. <i>Journal of Food Process Engineering</i> , e14311.
4.	Dr. Vasudha Sharma (Assistant Professor)	Hanan, E., Ahmad, F. J., Sharma, V., Bashir, O., Malik, M., & Jan, Y. (2023). Characterization of Food and Agricultural Wastes: Global Scenario of Waste Generation. In <i>Integrated Waste Management Approaches for Food and Agricultural Byproducts</i> (pp. 1-24). Apple Academic Press.
5.	Dr. Vasudha Sharma (Assistant Professor)	Bhardwaj, A., Purohit, S., & Sharma, V. (2023). Asian fermented root and tuber-based products. In <i>Indigenous Fermented Foods for the Tropics</i> (pp. 285-296). Academic Press.
6.	Dr. Vasudha Sharma (Assistant Professor)	Tiwari, A., Kumar, S., Choudhir, G., Singh, G., Gangwar, U., Sharma, V., ... & Sharma, S. (2022). Bioactive metabolites of edible mushrooms efficacious against androgenic alopecia: Targeting SRD5A2 using computational approach. <i>Journal of Herbal Medicine</i> , 36, 100611.
7.	Dr. Vasudha Sharma (Assistant Professor)	Bhardwaj, A., Sharma, N., Alam, T., Sharma, V., Sahu, J. K., Hamid, H., ... & Alam, M. S. (2023). Development and Characterization of Chitosan and Beeswax-Chitosan Coated Biodegradable Corn Husk and Sugarcane Bagasse-Based Cellulose Paper. <i>Waste and Biomass Valorization</i> , 14(5), 1625-1636.
8.	Dr. Vasudha Sharma (Assistant Professor)	Rastogi, S., Kumari, V., Sharma, V., & Ahmad, F. J. (2022). RGB colorimetric method-based detection of oxytocin in food samples using cysteamine functionalized gold nanoparticles. <i>Analytical Biochemistry</i> , 656, 114886.
9.	Dr. Vasudha Sharma (Assistant Professor)	Garg, H., Sharma, V., & Purohit, S. R. (2022). Application of IoT in the Food Processing Industry. In <i>Applications of Artificial Intelligence, Big Data and Internet of Things in Sustainable Development</i> (pp. 183-202). CRC Press.
10.	Dr. Vasudha Sharma (Assistant Professor)	Tiwari, A., Singh, G., Choudhir, G., Motiwale, M., Joshi, N., Sharma, V., ... & Singour, P. K. (2022). Deciphering the Potential of Pre and Pro-Vitamin D of Mushrooms against Mpro and PLpro Proteases of COVID-19: An In Silico Approach. <i>Molecules</i> , 27(17), 5620.
11.	Dr. Vasudha Sharma (Assistant Professor)	Bashir, O., Sharma, V., Hussain, S. Z., Naseer, B., Amin, T., Ameer, K., ... & Mohamed Ahmed, I. A. (2022). Effect of roasting and frying treatments on aflatoxins and capsaicinoids content and nutritional profile of green chilies (<i>Capsicum annum</i> L.). <i>Food Science & Nutrition</i> , 10(11), 3672-3679.
12.	Dr. Vasudha Sharma (Assistant Professor)	Rastogi, S., Kumari, V., Sharma, V., & Ahmad, F. J. (2022). Colorimetric Detection of Oxytocin in Bottle Gourd Using Cysteamine Functionalized Gold Nanoparticle (Cys-AuNPs). <i>Food Analytical Methods</i> , 15(11), 2972-2983.
13.	Er. Jinku Bora (Assistant Professor)	Bora, J., Khan, T., & Mahnot, N. K. (2022). Cold plasma treatment concerning quality and safety of food: A review. <i>Current Research in Nutrition and Food Science Journal</i> , 10(2), 427-446.
14.	Er. Jinku Bora (Assistant Professor)	Bora, J., Mahnot, N. K., Makroo, H. A., & Mahanta, C. L. (2023). Impact of hydrothermal treatments on the functional, thermal, pasting, morphological and rheological properties of underutilized yam starches. <i>Journal of Food Measurement and Characterization</i> , 17(3), 2285-2300.

15.	Er. Jinku Bora (Assistant Professor)	Rohilla, S., Bora, J., & Mahanta, C. L. (2023). Effect of thermal treatment and addition of olive oil on the antioxidant properties of tamarillo puree. <i>Journal of Food Science and Technology</i> , 60(3), 1202-1208.
16.	Er. Jinku Bora (Assistant Professor)	Bora, J., Tongbram, T., Mahnot, N., Mahanta, C. L., & Badwaik, L. S. (2022). Tocopherol. In <i>Nutraceuticals and Health Care</i> (pp. 259-278). Academic Press.
17.	Er. Jinku Bora (Assistant Professor)	Makroo, H. A., Manzoor, N., Rather, J. A., Ashraf, Q. S., Gupta, A. K., Bora, J., ... & Dar, B. N. Morphological, Functional, and Physico-chemical Properties of Non-Conventional Starch Derived from Discarded Immature Apples. <i>Starch-Stärke</i> , 2200284.
18.	Dr. Aastha Bhardwaj (Lecturer)	Bhardwaj, A., Sharma, N., Alam, T., Sharma, V., Sahu, J. K., Hamid, H., ... & Alam, M. S. (2023). Development and Characterization of Chitosan and Beeswax-Chitosan Coated Biodegradable Corn Husk and Sugarcane Bagasse-Based Cellulose Paper. <i>Waste and Biomass Valorization</i> , 14(5), 1625-1636.
19.	Dr. Aastha Bhardwaj (Lecturer)	Bangar, S. P., Sharma, N., Bhardwaj, A., & Phimolsiripol, Y. (2022). Lactic acid bacteria: a bio-green preservative against mycotoxins for food safety and shelf-life extension. <i>Quality Assurance and Safety of Crops & Foods</i> , 14(2), 13-31.
20.	Dr. Aastha Bhardwaj (Lecturer)	Aggarwal, D., Bhardwaj, A., Sobti, A. K., Fatma, S., Sharma, N., & Bansal, V. (2022). Processing induced changes on coarse cereals (majorly millets) derived antioxidant compounds-a review. <i>Functional Food Science</i> , 2(8), 163-180.
21.	Dr. Aastha Bhardwaj (Lecturer)	Sharma, N., Sahu, J. K., Joshi, S., Khubber, S., Bansal, V., Bhardwaj, A., ... & Bal, L. M. (2022). Modulation of lentil antinutritional properties using non-thermal mediated processing techniques-A review. <i>Journal of Food Composition and Analysis</i> , 109, 104498.
22.	Dr. Aastha Bhardwaj (Lecturer)	Bhardwaj, A., Sharma, N., Sharma, V., Alam, T., & Shafia, S. (2022). Smart Food Packaging Systems. In <i>Smart and Sustainable Food Technologies</i> (pp. 235-260). Singapore: Springer Nature Singapore.
23.	Dr. Aastha Bhardwaj (Lecturer)	Bhardwaj, A., Purohit, S., & Sharma, V. (2023). Asian fermented root and tuber-based products. In <i>Indigenous Fermented Foods for the Tropics</i> (pp. 285-296). Academic Press.
24.	Dr. Aastha Bhardwaj (Lecturer)	Sharma, P., Chawla, K., Kalia, K., Saini, V., Bhardwaj, A., Bansal, V., & Sharma, N. (2023). Mycotoxins in Stored Foods. In <i>Mycotoxins in Food and Feed</i> (pp. 333-359). CRC Press.
25.	Dr. Swati Kimothi	Swati Kimothi, YS Dhaliwal "Nutritional Evaluation of Amino Acids, Fatty Acids & Minerals of Kidney Beans (<i>Phaseolus vulgaris</i> L.)". in <i>International Journal of Current Science</i> .
26.	Dr. Swati Kimothi	Swati Kimothi, Y.S. Dhaliwal and Rajini Modgil "Nutritional And Organoleptic Evaluation Of Pinni Prepared From Different Varieties Of Kidney Beans Flour Of Himachal Pradesh" in <i>Asian Journal of Science and Technology</i> .
27.	Dr. Swati Kimothi	Swati Kimothi, Y.S. Dhaliwal and Vinod Sharma "Functional properties and cooking quality of kidney beans (<i>Phaseolus vulgaris</i> L.) grown in different regions of Himachal Pradesh" in <i>Himachal Journal of Agricultural Research</i> .
28.	Dr. Swati Kimothi	Swati Kimothi and Y.S. Dhaliwal "Nutritional and health promoting attributes of Kidney beans (<i>Phaseolus vulgaris</i> L.)- A review in <i>International Journal of Current microbiology and applied sciences</i> .
29.	Dr. Swati Kimothi	Swati Kimothi, YS Dhaliwal and HK Chaudhary "Physico-chemical and nutritional properties of Kidney beans grown in different regions of Himachal Pradesh" in <i>International Journal of Chemical Studies</i> .
30.	Dr Khalid Bashir (Assistant Professor)	Kumar, S., Mitharwal, S., Kumar, S., Bashir, K., Jan, K., Kaushik A. (2023). Commercial Production of Anthocyanins from Subtropical Fruits In <i>Subtropical Fruits: Chemical Properties, Processing, and Health Benefits</i> . CRC Press. (ISBN: 9781003242598).
31.	Dr Khalid Bashir (Assistant Professor)	Kamble D. B., Swer, T. L., Bashir K., Pathaw, P. M., Rani S. (2022). Chapter 10. Application of Ohmic Heating in the Food Industry. In <i>Emerging Thermal Processing in the Food Industry</i> . Elsevier. (ISBN: 9780128233856).
32.	Dr Khalid Bashir (Assistant Professor)	Maurya, V. K., Shakya, A., Bashir, K., Jan, K., & McClements, D. J. (2022). Fortification by Design (FbD): A Rational Approach to Designing Vitamin D Delivery Systems for Foods and Beverages. <i>Comprehensive Reviews in Food Science and Food Safety</i> . (ISSN: 1541-4337). (IF 15.786).
33.	Dr Khalid Bashir (Assistant Professor)	Maurya, V. K., Shakya, A., Bashir, K. , Kushwaha, S. C., & McClements, D. J. (2022). Vitamin A fortification: Recent advances in encapsulation technologies. <i>Comprehensive Reviews in Food Science and Food Safety</i> . (ISSN: 1541-4337). (IF 15.786).
34.	Dr Khalid Bashir (Assistant Professor)	Habib, M., Jan, K., & Bashir, K. (2022). Extraction and Characterization of Bioactive Compounds from Different Sources. In <i>Bioactive Components</i> (pp. 121-141). Springer, Singapore. (ISBN: 978-981-19-2366-1).
35.	Dr Khalid Bashir (Assistant Professor)	Jan, K., Kazmi, S., Nanda, A., Bashir, K. , Khan, A. L., & Jan, S. (2022). Methods for the Improvement of Barrier and Mechanical Properties of Edible Packaging. In <i>Edible Food Packaging: Applications, Innovations and Sustainability</i> (pp. 353-368). Springer Nature Singapore. (ISBN: 978-981-16-2383-7)
36.	Dr Khalid Bashir (Assistant Professor)	Habib, M., Jan, K., & Bashir, K. (2022). Fortification of Bioactive Components for the Development of Functional Foods. In <i>Bioactive Components</i> (pp. 381-401). Springer, Singapore. (ISBN: 978-981-19-2366-1).
37.	Dr Khalid Bashir (Assistant Professor)	Habib, M., Jan, K., Bashir, K. , Rani, S., Chandra, A., Kumar, S. (2023). Natural Anthocyanins from Subtropical Fruits for Hypertension. In <i>Anthocyanins in Subtropical Fruits: Chemical Properties, Processing, and Health Benefits</i> (119-142). CRC Press. (ISBN: 9781003242598)

38.	Dr Khalid Bashir (Assistant Professor)	Iqra Qureshi, Khalid Bashir, Shumaila Jan, Ayon Tarafdar, Mehvish Habib, Kulsum Jan* (2023). Effect of Sand Roasting on Physicochemical, Thermal, Functional, Antinutritional, and Sensory Properties of Sattu, a Nourishing form of Chickpea. <i>Journal of Food Quality</i> , (ISSN: 1745-4557) (IF 3.3).
39.	Dr Khalid Bashir (Assistant Professor)	Hadis Rostamabadi, Ilkem Demirkesen, Bengi Hakgüder Taze, Asli Can Karaca, Mehvish Habib, Kulsum Jan , Khalid Bashir, Monica R. Nemțanu, Rosana Colussi, Seid Reza Falsafi. 2023. Ionizing and nonionizing radiations can change physicochemical, technofunctional, and nutritional attributes of starch. <i>Food Chemistry: X</i> . 19, 100771. (ISSN: 2590-1575) (IF 6.1)
40.	Dr Khalid Bashir (Assistant Professor)	Kazmi, S., Habib, M., Bashir, K. , Jan, S., Kumar, S., & Jan, K. (2023). Natural Anthocyanins from Subtropical Fruits for Cardiac Disease Prevention. <i>Anthocyanins In Subtropical Fruits: Chemical Properties, Processing, and Health Benefits</i> . CRC Press. (ISBN: 9781003242598).
41.	Dr Kulsum Jan (Assistant Professor)	Maurya, V. K., Shakya, A., Bashir, K., Jan, K., & McClements, D. J. (2022). Fortification by Design (FbD): A Rational Approach to Designing Vitamin D Delivery Systems for Foods and Beverages. <i>Comprehensive Reviews in Food Science and Food Safety</i> . (ISSN: 1541-4337). (IF 15.786).
42.	Dr Kulsum Jan (Assistant Professor)	Habib, M., Jan, K., & Bashir, K. (2022). Extraction and Characterization of Bioactive Compounds from Different Sources. In <i>Bioactive Components</i> (pp. 121-141). Springer, Singapore. (ISBN: 978-981-19-2366-1).
43.	Dr Kulsum Jan (Assistant Professor)	Jan, K., Kazmi, S., Nanda, A., Bashir, K., Khan, A. L., & Jan, S. (2022). Methods for the Improvement of Barrier and Mechanical Properties of Edible Packaging. In <i>Edible Food Packaging: Applications, Innovations and Sustainability</i> (pp. 353-368). Springer Nature Singapore. (ISBN: 978-981-16-2383-7)
44.	Dr Kulsum Jan (Assistant Professor)	Habib, M., Jan, K., & Bashir, K. (2022). Fortification of Bioactive Components for the Development of Functional Foods. In <i>Bioactive Components</i> (pp. 381-401). Springer, Singapore. (ISBN: 978-981-19-2366-1).
45.	Dr Kulsum Jan (Assistant Professor)	Habib, M., Jan, K., Bashir, K., Rani, S., Chandra, A., Kumar, S. (2023). Natural Anthocyanins from Subtropical Fruits for Hypertension. In <i>Anthocyanins in Subtropical Fruits: Chemical Properties, Processing, and Health Benefits</i> (119-142). CRC Press. (ISBN: 9781003242598)
46.	Dr Kulsum Jan (Assistant Professor)	Kazmi, S., Habib, M., Bashir, K., Jan, S., Kumar, S., & Jan, K. (2023). Natural Anthocyanins from Subtropical Fruits for Cardiac Disease Prevention. <i>Anthocyanins In Subtropical Fruits: Chemical Properties, Processing, and Health Benefits</i> . CRC Press. (ISBN: 9781003242598).
47.	Dr Kulsum Jan (Assistant Professor)	Neha Gupta, Rakhi Singh, Sumant Kumar Nayak, Mukul Das, Kulsum Jan*. Development and validation of multiresidue method for organophosphorus pesticides in lanolin using gas chromatography–tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 57 (11) e4894. https://doi.org/10.1002/jms.4894 . (ISSN:1096-9888).
48.	Dr Kulsum Jan (Assistant Professor)	Iqra Qureshi, Khalid Bashir, Shumaila Jan, Ayon Tarafdar, Mehvish Habib, Kulsum Jan* (2023). Effect of Sand Roasting on Physicochemical, Thermal, Functional, Antinutritional, and Sensory Properties of Sattu, a Nourishing form of Chickpea. <i>Journal of Food Quality</i> , Article ID 5564365, (ISSN: 1745-4557).
49.	Dr Sayeed Ahmad (Professor)	Abass, Sageer, Rabea Parveen, Mohammad Irfan, Bisma Jan, Syed Akhtar Husain, and Sayeed Ahmad. "Synergy Based Extracts of Medicinal Plants: Future Antimicrobials to Combat Multidrug Resistance Current Pharmaceutical Biotechnology (2022), 23(13): 1527-1540. doi: 10.2174/1389201023666220126115656.
50.	Dr Sayeed Ahmad (Professor)	Jan, Bisma; Parveen, Rabea; Zahiruddin, Sultan; Khan, Mohammad Umar; Mohapatra, Sradhanjali; Ahmad, Sayeed; Nutritional constituents of mulberry and their potential applications in food and pharmaceuticals: A review, <i>Saudi Journal of Biological Sciences</i> , 2021, 28(7): 3909-3921
51.	Dr Sayeed Ahmad (Professor)	Abass, Sageer, Sultan Zahiruddin, Asghar Ali, Mohammad Irfan, Bisma Jan, Qazi Mohd Rizwanul Haq, Syed Akhtar Husain, and Sayeed Ahmad. "Development of Synergy-Based Combination of Methanolic Extract of <i>Andrographis paniculata</i> and <i>Berberis aristata</i> Against <i>E. coli</i> and <i>S. aureus</i> ." <i>Current Microbiology</i> 79, no. 8 (2022): 223-237. DOI: 10.1007/s00284-022-02911-8. IF 2.4
52.	Dr Sayeed Ahmad (Professor)	Jan, Bisma, Sultan Zahiruddin, Parakh Basist, Mohammad Irfan, Sageer Abass, and Sayeed Ahmad. "Metabolomic Profiling and Identification of Antioxidant and Antidiabetic Compounds from Leaves of Different Varieties of <i>Morus alba</i> Linn Grown in Kashmir." <i>ACS omega</i> 7, no. 28 (2022): 24317-24328. doi: 10.1021/acsomega.2c01623. IF 4.32
53.	Dr Sayeed Ahmad (Professor)	Khan, Mohammad Umar, Sultan Zahiruddin, Parakh Basist, Anuja Krishnan, Rabea Parveen, and Sayeed Ahmad. "Nephroprotective potential of Sharbat-e-Bazoori Motadil (sugar-free) in HEK-293 cells and Wistar rats against cisplatin induced nephrotoxicity. <i>Journal of King Saud University-Science</i> 34, no. 3 (2022): 101839. DOI: https://doi.org/10.1016/j.jksus.2022.101839 . IF 4.132.
54.	Dr Sayeed Ahmad (Professor)	Jan, Y., Al-Keridis, L. A., Malik, M., Haq, A., Ahmad, S., Kaur, J., ... & Panda, B. P. (2022). Preparation, modelling, characterization and release profile of vitamin D3 nanoemulsion. <i>LWT</i> , 169, 113980.
55.	Dr Sayeed Ahmad (Professor)	Malik, M. A., Jan, Y., Al-Keridis, L. A., Haq, A., Ahmad, J., Adnan, M., ... & Panda, B. P. (2022). Effect of vitamin-D-Enriched edible mushrooms on vitamin D status, bone health and expression of CYP2R1, CYP27B1 and VDR gene in Wistar rats. <i>Journal of Fungi</i> , 8(8), 864.

15. Achievements/Recognitions/Awards received/awarded to faculty members

1. Dr. Sweta Joshi

- Received 3rd prize in report writing in FDP on “Adaptation & Execution of National Education Policy 2020-Effective Teaching & Learning Techniques” organized by Jamia Hamdard in collaboration with UGC-HRDC Jamia Millia Islamia from 14th Dec-20th Dec, 2022

2. Dr. Vasudha Sharma

- Centre for Quality and Food Safety (CQFS) Award 2022 of Mentor during World Food Safety Day 2022 celebrations held on 7th June 2022 at I.P. University, New Delhi.

3. Dr. Kulsum Jan

- Received Best Paper award on Valorization of Banana Peel for the Development of Biodegradable Composite Sheets: Characterization and Classification by PCA Approach at INDO-UZBEK MEET and International Conference on Trends and Innovations in Food Technology, held on 24-25 Nov 2022 at Integral University, Lucknow.

a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

Prof Sayeed Ahmad:

- a. EC Board Member, International Society for Ethnopharmacology, UK
 - b. Honorary Member, National Unani Pharmacopeial Sub
 - c. Committee (UPC), Ministry of AYUSH
 - d. Scientific Board Member HPTLC Association, Switzerland
 - e. Coordinator: Society for Ethnopharmacology (SFE, Delhi branch)
 - f. Vice President: Society for New Age Herbals
-

c. Awards and Honours (Awards, fellowships of professional societies/associations)

- Vice President Association of Food Scientists' and Technologists (AFSTI) Delhi Chapter
 - Vice President, Society for New Age Herbals
 - President/ Coordinator (Delhi chapter), Society for Ethnopharmacology, India
-

d. Invited as keynote or plenary speaker. Dr Vasudha Sharma

- ICAR-NRRI Cuttack, Entrepreneurship Development on Food Processing Technologies
- IILM University, Greater Noida, 16th March, 2023
- SKUAST Kashmir – DST Karyashala, 24th September 2022
- Amity Institute of Food Technology – DST Karyashala, 28th Dec 2022
- 7th North East Green Summit, 2022 held in Umsaw, Meghalaya on 20th Nov 2022 at invitation of IIT Guwahati.

Dr Kulsum Jan

- Integral University Lucknow and Tashkent Chemical Technological Institute Uzbekistan, held at Integral University from 24-25 Nov, 2022

Dr Khalid Bashir

- NIT-Rourkela – DST Karyashala, 6th July, 2023.
- Integral University Lucknow and Tashkent Chemical Technological Institute Uzbekistan, held at Integral University from 24-25 Nov, 2022

16. Students achievements**a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)**

GATE – 02 (Mizna, Ipshita) UGC
NET – 01 (Khiyati Verma)

b. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	All India Cadre of Safe Food Business Professionals	2022-23	250	Ateeba Kamal	NIFTEM Kundli

c. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

S. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	Bureau Veritas, Dubai (UAE)	1	12.49
2.	Enrich Agro Food Products Pvt Ltd	1	2.04
3.	Fitbakes(UK)	1	28.70
4.	IFFCO BAKERY & CONFECTIONERY (DUABI)	2	14.86
5.	Intertek India Pvt.Ltd	2	3.04
6.	Dabur India Limited	1	04.00
7.	Jubilant Food Works	1	03.53

Student Induction- Cum- Symposium on Future Prospects in Food Science and Nutrition(A) NAME OF THE SCHOOL: **SIST**(B) NAME OF THE DEPARTMENT: **DEPARTMENT OF MOLECULAR MEDICINE**

1. **Head of the Department: Dr. Surajit Ganguly**
2. **Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Dr. Farhan J. Ahmad-DEAN	PhD.	
2	Dr. Surajit Ganguly- HOD	PhD.	(HOD from Sep 2022)
3	Dr. A Selvapandiyan Associate Professor Ex-HOD	PhD.	(HOD from 1st April 2022 till Sep 2022)
4	Dr. Sudeshna Kar Assistant Professor	PhD.	
5	Dr. Anuja Krishnan Assistant Professor	PhD.	
6	Dr. Sonam Grover UGC-Assistant Professor	PhD.	
7	Dr. Prem Prakash UGC-Assistant Professor	PhD.	
8	Dr. Nishi Raj Sharma Ramalingaswami Fellow	PhD.	
9	Dr. Nidhi C. Dubey DST-INSPIRE Faculty	PhD.	
10	Dr. Meetu Agarwal DST-INSPIRE Faculty	PhD.	

3. **Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	Prof. N.K Ganguly	Clinical Research	Infection & Cardiovascular	Ex- Director General ICMR
2	Dr. Hira L. Nakhasi	Parasitology	Vaccinology	Director, Division of Emerging and Transfusion Transmitted Diseases
3	Prof. Nadira Karunaweera	Parasitology	Medical Parasitologist	Visiting Scientist (honorary), Harvard University, Boston, U.S.A
4	Dr. Akhil Varshney	M.Sc.in BMS course	Molecular and cell biology background	Dr. Shroff's Charity Eye Hospital ND
5	Dr. Anil Tiwari	M.Sc. in BMS course	Stem cells and bioengineering, Molecular Biology	Dr. Shroff's Charity Eye Hospital ND

4. **Programmes/Courses offered by the Department during 2022-2023**

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	M.Sc. Biomedical Sciences	PG	20	06
2	M.Sc. Medical Virology	PG	20	10
3	PhD in Molecular Medicine	Doctoral		07
4	PhD in Interdisciplinary Sciences	Doctoral		02

5. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1	-80° Upright(Deep freezer) Dr. Surajit Ganguly	5,75,000
2	Live cell Imaging Microscope. Dr. Surajit Ganguly	6,94,568
3	Refrigerator Centrifuge, 5430R Keypad with Rotor. Dr. Selvapandiyani	5,78,000
4	NEON transfection System Starter Pack. Dr. Selvapandiyani	7,08,206

6. Details of post-doctoral Research scholars attached to the Department during 2022-2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. Khushbu Sharma	Post-doctoral	ICMR	Tuberculosis
2	Dr. Mirza Sarwar Baig	Post-doctoral	ICMR	Dengue
3	Dr. Jitender Kumar	DBT Project	DBT	Covid-19

7 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Enam Reyaz	Host cell expression response against <i>Leishmania</i> live attenuated parasite.	Dr. A. Selvapandiyani	UGC SRF
2	Anam Abdullah	Deciphering the role of brain tissue- specific histone acetylation in neurocognitive function	Dr. Surajit Ganguly	HNF- Doctoral fellowship
3	Bharti Pathak	Dissection of viral and humoral immune parameters in dengue infection.	Dr. Anuja Krishnan	NA
4	Mirza Adil Beg	Characterization of Amastigote specific protein in <i>Leishmania donovani</i> .	Dr. A. Selvapandiyani	NA
5	Noor Fatima	"Identification of immunomodulators to reduce parasite burden in host against leishmaniasis"	Dr. A. Selvapandiyani	Institute Salary
6	Roshanara	Identification and Characterization of centrin4 protein binding partners in <i>Leishmania donovani</i> .	Dr. A. Selvapandiyani	ICMR SRF
7	Sana Tanweer	Identification of the role of putative Methyltransferase from <i>Mycobacterium tuberculosis</i> in Epigenetic Modulation of host cell.	Dr. Sonam Grover	ICMR SRF
8	Kirti Nain (MoU)	'Immunological approaches against hcg expressing advanced stage drug resistant cancers'	Dr. Sonam Grover	DST-Inspire SRF
9	Vishwanath Upadhyay (MoU)	Prevalence of nontuberculous mycobacterial disease and molecular characterization of identified non tuberculous mycobacterium species among TB suspects.	Prof. S.K. Sharma	NA
10	Kriti Jain (MoU)	Identification of predictive biomarkers to monitor responses to immune check-point therapy in cancer patients.	Dr. Surajit Ganguly	Employee On salary from sir Ganga ram hospital
11	Rahul Sharma	"Elucidating the role of putative methyltransferases of <i>Mycobacterium tuberculosis</i> in virulence and host pathogen interaction"	Dr. Sonam Grover	DBT-SRF
12	Sheeba Zarin (MoU)	'Functional analysis of <i>Mycobacterium tuberculosis</i> Rv231A-B Toxin-antitoxin system: Role in stress response and pathogenesis'	Prof. S. E. Hasnain	CSIR- SRF
13	Shilpi Yadav	Histone-mimic proteins from thermophilic bacteria as functional modulators of eukaryotic chromatin architecture.	Dr. Sudeshna Kar	CSIR- SRF
14	Ambreen Rashid (MoU)	'Immunotherapy for breast cancer'	Dr Anuja Krishnan	Talwar Foundation
15	Mohd. Akram	Role of Unani Formulations in Therapeutics of Alzheimer's Disease	Dr. Suhel Parvez	Salary from Jamia Hamdard University

16	Tasmin Nazim	'Experimental approaches to study mitochondrial localization, immunological function and biophysical characterization of M.tb ,methyl transferases'	Prof. S. E. Hasnain	TWAS-DBT fellowship
17	Shivani A. Muthu	Biophysical chemistry of anti-amyloid mechanisms in the repurposing of traditional and modern medicine for amyloidosis.	Dr. Basir Ahmad	ICMR-SRF
18	Chanchal Chauhan	Mechanistic study of drugs interaction with proteins: Application to drugs discovery and repurposing.	Dr. Basir Ahmad	Salary from AIIMS Delhi (Employee)
19	Waseem Ali	"Targeting Mycobacterium replication machinery proteins to combat tuberculosis through drug repurposing"	Dr. Sonam Grover	NA
20	Priyanka Pal (MoU)	Phase I, Phase II clinical trials on a recombinant vaccine against β hCG to prevent pregnancy	Dr. A. Selvapandiyan	CSIR NET -SRF
21	Wasia Khanam	Bioengineering of Transaminase for simplified enzyme immobilization	Dr. Nidhi C. Dubey	HNF-Jamia Hamdard
22	Azeem Ali	"Role of Damage Associated Molecular Patterns (DAMPs) in Cardiovascular Disease Associated with Metabolic Dysfunction".	Dr. Prem Prakash	ICMR-SRF
23	Kritika Sonar (MoU)	Development of Immunotherapeutic Approaches for the Treatment of Advanced Stage terminal Cancers expressing hCG	Dr. Surajit Ganguly	NA
24	Sharmista Sarkar	NA	Dr. Nishi Raj Sharma	DBT-JRF
25	Swati Sharma (MoU)	"Molecular subtyping for identification of protein based biomarkers for detection and treatment surveillance of meningioma patients"	Dr. Prem Prakash	Employee, Sir Ganga Ram Hospital, New Delhi
26	Akshay Kumar	"Molecular Mechanism underlying sexual dimorphism in Anemia of inflammation."	Dr. Sudeshna Kar	NA
27	Isha Pahuja (MoU)	"Novel Immunotherapeutic Strategies to Combat Tuberculosis".	Dr. Meetu Agarwal	NA
28	Priyanka sharma (MoU)	Studying the association between imbalances of circulating serum tryptophan metabolite induced during SARS-CoV-2 infection and long-term cognitive impairment.	Dr. Surajit Ganguly	Artemis Hospital, Gurgaon Employee
29	Kunal Malik	Deciphering then role of <i>Mycobacterium tuberculosis</i> Methyltransferase in its pathogenesis and its potentiality as a drug target against TB	Dr. Sonam Grover	CSIR-JRF
30	Shaheen Ali	"Synthesis, Molecular Docking, and In-Vitro and In-vivo Studies of Pyrazolopyridine Derivatives as tyrosine Kinase Inhibitors: Search for potential Anti-cancer Agent"	Dr. Ozair Alam	NA
31	Chahak Singhal	Analysis of Co-expression networks to define the underlying pathobiology and identify potential host therapeutics targets for cardiometabolic diseases utilizing genomic.	Dr.Prem Prakash	DST-Purse only for 6 months
32	Prasant	"Neuroendocrine regulation gender specific differences in inflammation driven changes in energy homeostasis."	Dr. Sudeshna Kar	NA
33	Hanaan kasim ansari	NA	Dr. Anuja Krishnan	NA
34	Kashish choudhary	"Exploring the role of Methyltransferase of <i>Mycobacterium tuberculosis</i> in its Pathogenesis"	Dr. Sonam Grover	NA
35	Sana Jamily	"Enhancing the anti-tuberculosis potential of Paromomycin by Nano formulation-based strategies"	Dr. Sonam Grover	NA
36	Surabhi Gautam	Identification of Host Cell Factors Essential for Viral Replication	Dr. Surajit Ganguly	
37	Uzma nayeem	NA	Dr. Selvapandiyan	NA
38	Sadiya Samir	Identification and characterization of potential druggable targets of <i>Mycobacterium Tuberculosis</i> .	Dr. Meetu Agarwal	NA
39	Shital	NA	Dr. Selvapandiyan	NA

7 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Neha sharma	Deciphering the Role of PE-PPE proteins in <i>Mycobacterium tuberculosis</i> .	June 2022	Prof. S.E.Hasnain
2	Manjunath P	"Understanding the role of unique methyltransferases in <i>Mycobacterium tuberculosis</i> pathogenesis and virulence.	June 2022	Prof. S.E.Hasnain
3	Javed Akhtar	"Understanding Molecular Pathogenesis of Gallbladder Carcinoma Using Proteomics Approach'	Aug 2022 Viva-23.12.22	Dr. Sudeshna Kar
4	Sushmita Ghosh	"Genomic comparisons of drug sensitive and resistant <i>Leishmania</i> isolates originated from patients of kala-azar and post kala-azar dermal leishmaniasis"	Aug 2022 Viva-30.12.22	Dr. Selvapandiyan
5	Neha Quadir	"Functional characterization and role of MoxR1 and its operon in pathophysiology of <i>Mycobacterium tuberculosis</i> .	Oct 2022 Viva-26.12.22	Prof. S.E. Hasnain
6	Ratna Priya	"Proteomic Analysis of Gallbladder Carcinoma-Derived Extracellular Vesicles'	Nov 2022 Viva-13 th April 23	Dr.Sudeshna Kar

8.(a) Seminars/ Symposium/ Conferences/ Workshops/ CME/ faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		55
2	International Seminar on Drug Therapeutics.	19 th Jan 2023		45
3	"Women who have had a profound impact on their scientific career"	07 th March 23		40
4	National Intellectual Property Awareness mission (NIPAM 2.0)	23 rd March 23		94

8.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr. Anuja Krishnan	UGC HRDC	30 days 8 th June to 5 th July 2022	HRDC, Jamia Millia Islamia

9. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Hira Nakshi	Update on vaccines against VL	15 th Nov 22 Jamia Hamdard		60
2	Prof. Nirmal K. Ganguly	VL Elimination Strategies	15 th Nov 22 Jamia Hamdard		60
3	Dr. Ruchi Singh, National Institute of Pathology, Delhi	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		60
4	Dr. Abdur Rub, Jamia Millia Islamia, Delhi	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		60
5	Dr. Charu Gupta, Galgotias University, Noida, UP	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		60

6	Dr. Manju Jain, Central University of Punjab, Bathinda,	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		60
7	Dr. Niti Puri, Jawaharlal Nehru University, Delhi	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		60
8	Dr. Garima Chouhan, Sharda University, Noida, UP	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)	15 th November 22		60
9	Dr. A. Selvapandiyan, DMM, Jamia Hamdard, Delhi	"Innovations for the elimination & control of visceral leishmaniasis (ISCVL-2022)"	15 th November 22		60
11	Dr. Yousuf Mohammed, Frazer Institute Queensland	Development of generic topical products: Implications for Indian Pharmaceutical companies.	19 th Jan 23		45
12	Dr. Niti Puri, JNU, New Delhi	A novel therapeutic approach for the treatment of lymphoid neoplasms by exploring heterogeneity in tumour response to mast cells or their mediators.	19 th Jan 23		45
13	Dr. Surajit Ganguly, HOD-DMM	Molecular Mimicry in diseases –An example from SARS-CoV- 2 genome.	19 th Jan 23		45
14	Dr. Nahid Ali, J C Bose National Fellow, CSIR, Indian Institute of Chemical Biology, Kolkata, WB, India	"Celebrating Women in Science: Breaking Barriers and Shaping the Future"	07 th March 23		40
15	Dr. Usha Agrawal, Director, ICMR-National Institute of Pathology, New Delhi, India	"Gender equity in STEM"	07 th March 23		40
16	Dr. Fabiana Alves, NTD Leishmaniasis/Mycetoma cluster-Director, Neglected Tropical Diseases initiative, Switzerland	"My 20-years journey dedicated to patients with NTDs"	07 th March 23		40

10. Visits by Distinguished persons/Foreign faculty or delegates to the University/ Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
1	Dr. Niti Puri,	JNU-Delhi	Discussion and collaboration	Department of Molecular Medicine	19.01.2023
2	Dr. Yousuf Mohammed, Frazer	Institute Queensland	Interaction and collaboration	Department of Molecular Medicine	19.01.2023
3	Dr. Iraj Elahi, Ambassador of the Islamic	Republic of Iran	Interaction with Faculty	Department of Molecular Medicine	23.01.2023
4	Mr. Mohammad Javad Hosseini,	Deputy Chief of Mission	Interaction	Department of Molecular Medicine	23.01.2023
5	Mr. Muntasir Mehdi, Secretary, Science & Education	Republic of Iran	Interaction	Department of Molecular Medicine	23.01.2023
6	Mr. Alireza Salehtash, Research Attache	Republic of Iran	Interaction	Department of Molecular Medicine	23.01.2023
7	Prof. Mohammad Reza Khalili, Iranian visiting faculty	Republic of Iran	Discussion	Department of Molecular Medicine	23.01.2023

11. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Dr. Selvapandiyar	Uncovering the genetics of novel Salmonella typhi strains from delayed responders treatment. (ICMR)	22.03.21	21.03.2024	Ongoing	01 Paramedical Worker
2	Dr. Selvapandiyar	"Therapeutic switching and nano - conjugation of PI3K/AKT pathway modulator(S) with leishmanial drug target inhibitor(s) as potential anti leishmanial lead compounds" (ICMR)	25.01.22	24.01.2024	Ongoing	01 Lab Attendant
3	Dr. Selvapandiyar	"Gene functional analysis and development of Liver attenuated vaccine candidates of leishmania parasites against leishmaniasis using CRISPR cas9 approach" (ICMR)	02.03.22	01.03.2025	Ongoing	01 JRF 01 Technical Assistant
4	Dr.Surajit Ganguly	Studies to decipher the mechanisms inducing disruption in hippocampal dopaminergic homeostasis by peripherally-restricted-bacterial infection (ICMR)	01.11.2021	31.10.2024	Ongoing	01 JRF
5	Dr.Surajit Ganguly	Validation and characterization of novel functional role of SARS-CoV-2 ORF8 protein in tricking host complement system using molecular mimicry (DBT)	25.06.2021	24.06.2022	completed	01 RA
6	Dr. Anuja Krishnan	"Identifying therapeutic targets for blocking infection of highly pathogenic SARS-CoV-2 at an early stage: developing novel screening assay with minimal bio-hazard risk" (DBT)	05.01.2021	04.01.2023	Ongoing	
7	Dr. Prem Prakash	"Mechanistic role of cellular fibronectin containing extra domain A in heart failure" (ICMR)	2021	2023	Ongoing	01 JRF
8	Dr. Prem Prakash	"Role of Extra Domain A Fibronectin in Diabetes Associated Arterial Thrombosis: A Real – Time Intravital Approach" (SERB-EEQ)	2021	2024	Ongoing	NA
9	Dr. Nidhi C Dubey	Spatial arrangement of multi-enzymes for fine chemical biosynthesis. (DST-INSPIRE Fellow)	2018	April 2023	Completed	01 Project Assistant
10	Dr. Nishi Raj Sharma	Analysis and Modulation of Virus-Host Interplay in Chandipura Virus Infection and Pathogenesis. (Ramalinga swami Fellow)	2019	2024	Ongoing	NA
11	Dr. Meetu Agarwal	Delineating Mycobacterium tuberculosis UDPGlcNAc synthesis pathways (DST-INSPIRE Fellow)	2021	2026	Ongoing	NA

12. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1,	Dr. Surajit Ganguly	Kumar J, Dhyani S, Kumar P, Sharma NR, Ganguly S. (2023) SARS-CoV-2-encoded ORF8 protein possesses complement inhibitory properties. <i>J Biol Chem.</i> 299(3):102930. doi: 10.1016/j.jbc.2023.102930. Epub ahead of print. PMID: 36682494; PMCID: PMC9851726.
2.	Dr. Nidhi C Dubey	S. Maity, B. Mishra, K. Nayak, N.C. Dubey, B.P. Tripathi. Zwitterionic microgel based anti (-bio) fouling smart membranes for tunable water filtration and molecular separation, <i>Materials Today Chemistry</i> , 24, 2022, 100779. https://doi.org/10.1016/j.mtchem.2022.100779
3	Dr. Nidhi C Dubey	W. Khanam, N.C. Dubey, Recent advances in immobilized ω-transaminase for chiral amine synthesis, <i>Materials Today Chemistry</i> , 24, 2022, 100922. https://doi.org/10.1016/j.mtchem.2022.100922
4	Dr. Nidhi C Dubey	Biswajit Mishra, Swayamprakash Biswal, Nidhi C Dubey, Bijay P Tripathi. Anti (- bio) fouling Nanostructured Membranes Based on the Cross-Linked Assembly of Stimuli-Responsive Zwitterionic Microgels. <i>ACS Applied Polymer Materials</i> , 4, 4719. https://doi.org/10.1021/acsapm.2c00302
5	Dr. Selvapandiyani	Ghosh S, Kumar V, Verma A, Sharma T, Pradhan D, Selvapandiyani A, Salotra P, Singh R. Genome-wide analysis reveals allelic variation and chromosome copy number variation in paromomycin-resistant <i>Leishmania donovani</i> . <i>Parasitol Res.</i> 2022 Nov; 121(11):3121-3132. doi: 10.1007/s00436-022-07645-x. Epub 2022 Sep 3. PMID: 36056959.
6	Dr. Selvapandiyani	Selvapandiyani A, Puri N, Kumar P, Alam A, Ehtesham NZ, Griffin G, Hasnain SE. Zooming in on common immune evasion mechanisms of pathogens in phagolysosomes: potential broad-spectrum therapeutic targets against infectious diseases. <i>FEMS Microbiol Rev.</i> 2023 Jan 16; 47(1):fuac041. doi: 10.1093/femsre/fuac041. PMID: 36309472.
7	Dr. Selvapandiyani	Vats K, Tandon R, Roshanara, Beg MA, Corrales RM, Yagoubat A, Reyaz E, Wani TH, Baig MS, Chaudhury A, Krishnan A, Puri N, Salotra P, Sterkers Y, Selvapandiyani A. Interaction of novel proteins, centrin4 and protein of centriole in <i>Leishmania</i> parasite and their effects on the parasite growth. <i>Biochim Biophys Acta Mol Cell Res.</i> 2023 Mar; 1870(3):119416. doi: 10.1016/j.bbamcr.2022.119416. Epub 2023 Jan 7. PMID: 36623775.
8	Dr. Selvapandiyani	Tandon R, Reyaz E, Roshanara, Jadhav M, Gandhi M, Dey R, Salotra P, Nakhasi HL, Selvapandiyani A. Identification of protein biomarkers of attenuation and immunogenicity of centrin or p27 gene deleted live vaccine candidates of <i>Leishmania</i> against visceral leishmaniasis. <i>Parasitol Int.</i> 2023 Feb; 92:102661. doi: 10.1016/j.parint.2022.102661. Epub 2022 Aug 29. PMID: 36049661.
9	Dr. Anuja Krishnan	Altamish M, Khan M, Baig MS, Pathak B, Rani V, Akhtar J, Khan AA, Ahmad S, Krishnan A. Therapeutic Potential of Medicinal Plants against Dengue Infection: A Mechanistic Viewpoint. <i>ACS Omega.</i> 2022 Jul 6; 7(28):24048-24065. doi: 10.1021/acsomega.2c00625. PMID: 35874231; PMCID: PMC9301714.
10	Dr. Anuja Krishnan	Baig MS, Deepanshu, Prakash P, Alam P, Krishnan A. <i>In silico</i> analysis, hypoxia-induced miR-210-3p specifically targets SARS-CoV-2 RNA. <i>J Biomol Struct Dyn.</i> 2023 Feb 8:1-23. doi: 10.1080/07391102.2023.2175255. Epub ahead of print. PMID: 36752331.
11	Dr. Anuja Krishnan	Yadav V, Krishnan A, Baig MS, Majeed M, Nayak M, Vohora D. Decrypting the interaction pattern of Piperlongumine with calf thymus DNA and dodecamer d(CGGAATTCGCG)₂ B-DNA: Biophysical and molecular docking analysis. <i>Biophys Chem.</i> 2022 Jun; 285:106808. doi: 10.1016/j.bpc.2022.106808. Epub 2022 Mar 23. PMID: 35358908.
12	Dr. Anuja Krishnan	Vats K, Tandon R, Roshanara, Beg MA, Corrales RM, Yagoubat A, Reyaz E, Wani TH, Baig MS, Chaudhury A, Krishnan A, Puri N, Salotra P, Sterkers Y, Selvapandiyani A. Interaction of novel proteins, centrin4 and protein of centriole in <i>Leishmania</i> parasite and their effects on the parasite growth. <i>Biochim Biophys Acta Mol Cell Res.</i> 2023 Mar; 1870(3):119416. doi: 10.1016/j.bbamcr.2022.119416. Epub 2023 Jan 7. PMID: 36623775.
13	Dr. Anuja Krishnan	Yadav V, Krishnan A, Vohora D. Altered hallmarks of DNA double-strand breaks, oxidative DNA damage and cyto genotoxicity by piperlongumine in hippocampus and hepatocytes of rats intoxicated with cyclophosphamide. <i>Life Sci.</i> 2023 Mar 1; 316:121391. doi: 10.1016/j.lfs.2023.121391. Epub 2023 Jan 16. PMID: 36657641.

14	Dr. Anuja Krishnan	Yadav V, Krishnan A, Zahiruddin S, Ahmad S, Vohora D. Amelioration of cyclophosphamide-induced DNA damage, oxidative stress, and hepato- and neurotoxicity by <i>Piper longum</i> extract in rats: The role of γH2AX and 8-OHdG. Front Pharmacol. 2023 Mar 10; 14:1147823. doi: 10.3389/fphar.2023.1147823. PMID: 36969834; PMCID: PMC10036401
15	Dr. Sonam Grover	Kumari A, Rajput VS, Nagpal P, Kukrety H, Grover S, Grover A. Dual inhibition of SARS-CoV-2 spike and main protease through a repurposed drug, rutin. J Biomol Struct Dyn. 2022 Jul; 40(11):4987-4999. doi: 10.1080/07391102.2020.1864476. Epub 2020 Dec 27. PMID: 33357073; PMCID: PMC7784834.
16	Dr. Sonam Grover	Tanweer S, Jamal S, Mehra S, Saqib N, Ahmad F, Faizan, Grover A, Grover S. Multifaceted role of drugs: a potential weapon to outsmart <i>Mycobacterium tuberculosis</i> resistance by targeting its essential ThyX. J Biomol Struct Dyn. 2022 Nov; 40(18):8508-8517. doi: 10.1080/07391102.2021.1913230. Epub 2021 Apr 16. PMID: 33860725.
17	Dr.Prem Prakash	Gupta S, Ali A, Pandey S, Khan IA, Prakash P. Fibronectin containing alternatively spliced extra domain A interacts at the central and c-terminal domain of Toll-like receptor-4. Sci Rep. 2022 Jun 11; 12(1):9662. doi: 10.1038/s41598-022-13622-2. PMID: 35690624; PMCID: PMC9188610.
18	Dr.Prem Prakash	Baig MS, Deepanshu, Prakash P, Alam P, Krishnan A. <i>In silico</i> analysis, hypoxia-induced miR-210-3p specifically targets SARS-CoV-2 RNA. J Biomol Struct Dyn. 2023 Feb 8:1-23. doi: 10.1080/07391102.2023.2175255. Epub ahead of print. PMID: 36752331.
19	Dr. Nishi Raj Sharma	Kumar J, Dhyani S, Kumar P, Sharma NR, Ganguly S. (2023) SARS-CoV-2-encoded ORF8 protein possesses complement inhibitory properties. J Biol Chem. 299(3):102930. doi: 10.1016/j.jbc.2023.102930. Epub ahead of print. PMID: 36682494; PMCID: PMC9851726.

13. (a) Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	Manjunath	Post-Doc, North Western University, Chicago, Illinois	
2	Dr Hina Singh	Scientist B, ICMR, New Delhi	
3	Dr Jasdeep Singh	Post-Doc, Denver, Colorado, USA	
4	Javed Akhtar	Post-Doc, Chicago, Illinois	
5	Neha Quadir	Post-Doc, National Institutes of Health Bethesda, Maryland	
6	Dr. Jitendra Kumar	Assistant Professor, Deshbandhu College (DU)- ND	
7	Akshita Kulshrestha	Project Trainee, CCMB Hyderabad (only for 8 months)	
8	Sana Jamily	Ph.D. at jamia Hamdard University (DMM)	
9	Yalnaz Malik	Ph.D. at jamia Hamdard University (Biotechnology)	

SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH

Dean: (Prof.) Manju Chhugani,

Brief Introduction of School

The School of Nursing Sciences & Allied Health, Jamia Hamdard comprises of four Departments:

1. **RUFAIDA COLLEGE OF NURSING:**
Principal, Prof. Veena Sharma
2. **DEPARTMENT OF OCCUPATIONAL THERAPY**
HoD: Ms. Ruchi Nagar
3. **DEPARTMENT OF PHYSIOTHERAPY**
HoD: Ms. Nishat Quddus
4. **DEPARTMENT OF PARAMEDICAL SCIENCES:**
HoD: Prof. Manju Chhugani

Rufaida College of Nursing was established in 1983, Department of Rehabilitation Sciences in 1998 and Department of Paramedical Sciences in 2012. The departments are recognized and governed by various states and national councils.

In January 2022, the Department of Rehabilitation Sciences was further bifurcated into two Departments, viz., Department of Physiotherapy & Department of Occupational Therapy.

The vision of school is to be a premiere educational institute of global repute to develop competent, compassionate, human centered & community & research-oriented healthcare provider.

The mission of School is to foster research and development in the emerging areas of Rehabilitation, Nursing & Paramedical while adhering to the ethical standards, to emphasize the experimental learning and excellence in developing the competent professional, to implement evidence based practice & clinical rezoning among students & fostering collaborative engagement and service.

The faculties of school are actively engaged in research work. Some of the thrust areas of research are community based research, nursing & midwifery, cardiopulmonary & respiratory, musculoskeletal, neurology, sports, women's health and pediatrics.

The school regularly organizes various workshops, conferences, FDP's, extension activities, skill training etc. for faculty members and endeavor for job placement of the students.

The school has various collaborations and MOU's for academic and research activities like with Tech Mahindra, Dundee University, Scotland and Dalhousie University, Canada, Ebek, ECHO (Extension for community healthcare outcomes).

Faculty Members of the SNSAH:

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Dr. Mohd Arfat	PhD	Invigilation Course Coordinator Member of Exam team, PMS
2	Dr. Ashar Imam	MBBS	Invigilation, Tabulation

3	Ms. Nargis khatoon	PG	Invigilation Course Coordinator Member of Exam team, PMS
4	Ms. Nandani	PG	Invigilation, Tabulation
5	Mr. Umaq	PG	Course Coordinator Invigilation Member of Exam team, PMS Member of center for Career Counseling & Guidance ,JH
6	Mr. Kashif	PG	Invigilation Course Coordinator
7	Mr. Shamiq	PG	Invigilation, Tabulation
8	Ms. Nida	PG	Invigilation, Tabulation
9	Ms. Iqra	PG	Invigilation, Tabulation
10	Ms. Heena	PG	Invigilation, Tabulation
11	Ms. Aleena	PG	Invigilation, Tabulation
12	Dr. Nishat Quddus Associate Professor & Head, Department of Physiotherapy	BPT,MPT(Osteomyology)	1.Head, Deptt Of Physiotherapy 2. Deputy Proctor, Jamia Hamdard 3. Music Club , President, J.H 4. Co opted member of criteria IV of NAAC preparation team 5. Deputy Superintendent, Examination 6. Member of the Admission Committee of the Department 2021-22. 7. Member of the Executive Logistics Committee for 2 days Education Conference 2022-Education and Nation, 3 July 2022 at Hamdard Convention Centre. 8. Anti ragging team member of the University. 9. Flying squad member for the examination held in the session 2022-23.
14	Sohrab Ahmad Khan Associate Professor	BPTTh,MPTh (Osteomyology)	1-Sports secretary 2-Superintendent Rehabilitation Center 3-Deputy Provost (Boys) 4-Member Mess Committee 5 Member core committee of center for vocational studies. 6.Member for preparation of extensive question bank 7-Co opted member of criteria IV of NAAC preparation team 8-Member of the Executive Logistics Committee for 2 days Education Conference 2022-Education and Nation, 3 July 2022 at Hamdard Convention Centre 9-Flying squad member for the examination held in the session 2022-23. 10- Time table incharge of department 11- Member of placement committee of department of physiotherapy. 12-Deputy Superintendent, Examination
15	Kalpana Zutshi Associate Professor	MPT (Sports),	1. BPT Coordinator 2. Member, Mental Health Club, J. H
16	Dr. Jyoti Ganai Assistant Professor	MPT(Cardiopulmonary)	1.MPT coordinator
17	Dr. Deepak Malhotra Assistant Professor	MPT (Sports Medicine)	<ul style="list-style-type: none"> ● Deputy Supdt., Physiotherapy Unit, Rehabilitation Centre ● Member Yoga Club, Jamia Hamdard ● Member Music Club, Jamia Hamdard ● Member of BOS, Department of Physiotherapy ● Member Admission Committee of the Department ● Cancellation Officer from Department of Physiotherapy ● Member Placement Committee of the Department of Physiotherapy. ● Member Student counseling & Grievance cell of the Department ● Member of the Health-Related Outreach Program Committee
18	Ashima Chachra Assistant Professor	MPT Sports	<ul style="list-style-type: none"> ● Member of IQAC, Jamia Hamdard ● Member of Academic Audit committee. ● Compiler of Departmental Annual Report ● Internship Incharge ● BPT 2nd yr Class Teacher

19	Zuheb Ahmed Siddiqui Assistant Professor	MPT (Orthopaedics), PhD (Pursuing)	<ul style="list-style-type: none"> Member of the Central Admission Core Committee (2022-23), Jamia Hamdard President, Athletics Club, Jamia Hamdard Co-opted Member of Criteria III, NAAC preparation team Member of the Central Admission Sub-Committee (2023-24), Jamia Hamdard Coordinator, Ethical Committee Member, Book and Journal Purchase Committee, Dept. of Physiotherapy, SNSAH, Jamia Hamdard Member, STUTI Committee
20	Hammad Ahmed Siddiqui Assistant Professor	BPT,MPTh (Neurology)	<ul style="list-style-type: none"> Member of Departmental Purchase Committee Co opted member of criteria I of NAAC preparation team. Member of Athletic Club, Jamia Hamdard Member Working group Rehabilitation Centre Co opted member of criteria I of NAAC preparation team UG Tabulator Flying squad member for the examination held in the session 2022-23. Member of placement committee of department of physiotherapy. Member of Departmental Equipment maintenance/Repair Committee Time table incharge 2022-2023
21	Prachi Tiwari Assistant Professor	MPT Neurology , PhD pursuing	<ul style="list-style-type: none"> Member of the Central Admission Core Committee (2022-23), Jamia Hamdard Member, Yoga Club, Jamia Hamdard Co-opted Member of Criteria II, NAAC preparation team Member of the Central Admission (2023-24), Jamia Hamdard Member, Student Counselling Member, Equipment Condemnation Member, STUTI Committee
22	Nahid Khan Assistant Professor	MPT Cardiopulmonary, PhD pursuing	<ul style="list-style-type: none"> Internship Incharge Member of Departmental Purchase Committee Member of the Departmental Admission committee Member, Book and Journal Purchase Committee, Dept. of Physiotherapy, SNSAH, Jamia Hamdard Member of Departmental 'Student counselling & Grievance departmental cell' Member of Departmental Journal Club Core- organizing committee member for Perfect Health mela organised by Heart Care Foundation India in collaboration with Jamia Hamdard
23	Dr. Deepika Singla, Assistant Professor	Ph.D., MPT (Sports)	<ul style="list-style-type: none"> Member of the Centre for Career Counselling & Guidance, Jamia Hamdard Ph.D. Coordinator of the Department Member of Departmental Purchase Committee UG Tabulator BPT II yr Class teacher & Mentor 'Exercise therapy UG Laboratory' Incharge Member 'Student counseling & Grievance departmental cell'

24	Dr. Sahar Zaidi (PT) Assistant Professor	MPT (Orthopaedics)	<p>Member Literary Club, Jamia Hamdard Member Women Development Cell, Jamia Hamdard Member Admission Committee of the Department Member PG Grievance & Student counseling cell of the Department Incharge PG Musculoskeletal laboratory BPT III yr, MPT Ist and II year Class teacher & Mentor Member of Departmental Purchase Committee Member of Departmental Equipment maintenance/Repair Committee Member Working group Rehabilitation Centre Member of the Health-Related Outreach Program Committee Coordinating member of the Executive Logistics Committee in 2 days of Education Conference 2022-Education and Nation Building-The Way Forward organized jointly by Jamia Hamdard and Alliance for Economic and Educational Development of the Underprivileged on 2nd and 3rd July 2022 at Hamdard Convention Centre.</p> <p>Member of the Organizing Committee of Seerat Al Nabi 2022 celebrated on 19th October 2022.</p> <p>Member of the Organizing Committee of the National Education Day 2022 celebration on 11th November 2022</p> <p>Member of the Organizing Committee of Bhartiya Bhasha Diwas on 11th December 2022.</p> <p>Member of the Organizing Committee of Free Health Check Up camp on 8th February 2023 on the occasion of the Golden Jubilee of Business and Employment Bureau.</p> <p>Member of the Organizing Committee of International Women's day 2023 celebrated on 7th March 2023</p> <p>Member of the Literary events (extempore and point counter point) held during the Sports and Cultural week 2023 (19.02.2023-26.02.2023)</p> <p>Member of the NAAC coordination committee for the 4th cycle of the NAAC peer team visit from 18-20th July 2023.</p> <p>Tabulator PG course</p>
25	Huma Assistant Professor	MPT Neurology	
26	Prof. (Dr.) Manju Chhugani Dean	M.Sc. Nursing (Obstetrics & Gynecological Nursing) Ph.D. (Management)	<ul style="list-style-type: none"> • Nodal head, National skill centre, DAKSH • Editor in chief, IJoNMR • Coordinator, DODL programme • Member, research cell • Member, NAAC committee
27	Prof. Veena Sharma Principal	M.Sc Nursing (Psychiatric Nursing) M.Phil. (Education)	<ul style="list-style-type: none"> • President, Mental Health club • Member of campus development committee • Member of Teaching staff committee • Member of Anti-ragging committee and Anti-ragging squad • Faculty research advisory committee member • Curriculum committee member • MOU committee member • Chairperson -Nursing Assistant program
28	Ms. Seema Rani Vice -Principal Associate Professor	M.Sc. Nursing (Community Health Nursing) M. Phil (Health Care & Hospital Administration)	<ul style="list-style-type: none"> • Cultural coordinator, Jamia Hamdard • President Yoga club • Member, Mountaineering club • Co-ordinator- Nursing Assistant program
29	Ms. Bindu Shaiju Associate Professor	M.Sc Nursing (Psychiatric Nursing)	<ul style="list-style-type: none"> • Member of -NAAC committee, • Member NIRF committee, • Member Anti ragging committee, • Member BOS, • Member AISHE committee, Admission Committee • Co-ordinator- Nursing Assistant program
30	Ms. Hemlatha Nair Tutor	B.Sc (Hons.) Nursing PG Diploma In Nursing Administration PG Diploma In Guidance & Counselling	<ul style="list-style-type: none"> • Member-College Admission Committee • Incharge-Nursing Foundation Lab

31	Mr. Eke Lama Tamang Assistant Professor	M.Sc. Nursing (Medical Surgical Nursing)	<ul style="list-style-type: none"> Member-College Admission Committee
32	Ms. Mikki Assistant Professor	M.Sc. Nursing (Obstetrics & Gynaecological Nursing)	<ul style="list-style-type: none"> BOS Member Vice- President ECO Club
33	Ms. Jamal Fatima Assistant Professor	M.Sc Nursing (Psychiatric Nursing)	<ul style="list-style-type: none"> Coordinator- M.Sc. Nursing Program Member, International collaboration committee Member, Anti Ragging committee Member- EQC Member-Admission committee
34	Ms. Somibala Thokchom Assistant Professor	M.Sc. Nursing (Obstetrics & Gynaecological Nursing)	<ul style="list-style-type: none"> Member, admission committee BOS Member Guide to Coordinator-B.Sc (H) Nursing Program
35	Ms. Fareha Khan Assistant Professor	M.Sc. Nursing (Medical Surgical Nursing)	<ul style="list-style-type: none"> Admission committee member
36	Ms. Jahanara Rahman Assistant Professor	M.Sc. Nursing (Pediatric Nursing)	<ul style="list-style-type: none"> Transport in charge Admission committee- member Member Music club- member, Annual report committee- member
37	Ms. Neha John Assistant Professor	M.Sc. Nursing (Community Health Nursing)	<ul style="list-style-type: none"> Co-Coordinator-Nursing Assistant program
38	Ms. Anjali Kaushik Tutor	M.Sc. Nursing (Pediatric Nursing)	<ul style="list-style-type: none"> Member, Anti Ragging committee
39	Ms. Sartaj Parveen Tutor	M.Sc. Nursing (Community Health Nursing)	<ul style="list-style-type: none"> Member of Nursing assistant program Member of admission committee Coordinator of OET examinations Tabulator for Kannur campus
40	Dr. Shilpi Sarkar Tutor	M.Sc. Nursing (Pediatric Nursing) Ph. D Nursing	
41	Ms. Asha T. Aniyam Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Resigned
42	Ms. Anju Tutor	M.Sc. Nursing (Community Health Nursing)	<ul style="list-style-type: none"> Member- admission committee
43	Ms. Rajlaxmi Tutor	M.Sc. Nursing (Medical Surgical Nursing)	<ul style="list-style-type: none"> Member- admission committee
44	Ms. Saba Hashmi Tutor	M.Sc. Nursing (Pediatric Nursing)	<ul style="list-style-type: none"> SNA Advisor
45	Ms. Nahid Zebi Tutor	B.Sc. (Hons.) Nursing	On study leave
46	Ms. Maihnaz Bi Tutor	B.Sc. (Hons.) Nursing	<ul style="list-style-type: none"> NCC Officer for NCC girls wing
47	Ms. K Rebika Devi Tutor	B.Sc. (Hons.) Nursing	<ul style="list-style-type: none"> Member of admission committee
48	Ms. Shaheen Khan Tutor	B.Sc. (Hons.) Nursing	<ul style="list-style-type: none"> SNA advisor
49	Ms. Deepali Gupta Tutor	B.Sc. (Hons.) Nursing	<ul style="list-style-type: none"> Tabulator
50	Ms. Sweta Mary Jacob Tutor	B.Sc. (Hons.) Nursing	Member- admission committee In-charge- Transport
51	Ms Babita Bisht Tutor	B.Sc. (Hons.) Nursing	Resigned
52	Ms. Gifty Bijoy Tutor	M.Sc. Nursing (Obstetrics & Gynecological Nursing)	<ul style="list-style-type: none"> Coordinator- B.Sc. Nursing Program Anti-ragging committee member Library In charge Member of teaching staff committee SPOC for Nursing-UMS academics and examination, Jamia Hamdard In-charge record keeping- conference, workshop, webinar Editorial board member- college newsletter
53	Ms. Suchhanda Bhattacharya Tutor	M.Sc. Nursing (Community Health Nursing)	<ul style="list-style-type: none"> Yoga club member Asst. Proctor, Jamia Hamdard

54	Ms. Uzma Anjum Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Member- admission committee In-charge oversees forms
55	Ms. Vandana Dagar Tutor	M.Sc. Nursing (Community Health Nursing)	• Tabulator for Kannur campus
56	Ms. Saliqa Sehar Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Member- admission committee
57	Ms. Rashmi Tutor	M.Sc. Nursing (Mental Health Nursing)	
58	Ms. Preysi Tutor	M.Sc. Nursing (Child Health Nursing)	• Co-opted member of NAAC
59	Ms. Renu Tutor	M.Sc. Nursing (Obstetrics & gynecological Nursing)	• Co- coordinator for Ward boys/attendants training programme • Training Facilitator Nursing Assistant program
60	Ms. Sheeba Annie Chacko Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Resigned September 2022
61	Ms. Nazni Tutor	M.Sc. Nursing (Obstetrics & gynecological Nursing)	Member- admission committee
62	Ms. Vijeeta Tutor	M.Sc. Nursing (Child Health Nursing)	Member- admission committee
63	Ms. Nasima Arazzaman Laskar Tutor	M.Sc. Nursing (Obstetrics & gynecological Nursing)	Member- admission committee
64	Ms. Farheen Khan Tutor	B.Sc. (Hons.) Nursing	Member- admission committee
65	Ms. Mansi Dabola Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Member- admission committee
66	Ms. Bandhu Sharma Tutor	M.Sc. Nursing (Child Health Nursing)	Member- admission committee
67	Ms. Deepika Kumari Tutor	M.Sc. Nursing (Mental Health Nursing)	Member- admission committee
68	Ms. Sumaira	nil	Invigilation, Tabulation
69	Mr faraz mufti	nil	Invigilation, Tabulation
70	Mr. Afzal	nil	Invigilation, Tabulation

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	MS. NIDA PARWEEN	OPTOMETRY		
2	MS. KAJAL VARSHNEY	EMERGENCY TRAUMA CARE MANAGEMENT		
3	MR. AMIR YOUSUF DAR	OPERATION THEATRE TECHNIQUES		
4	Dr. Pooja Dewan	Gynaecology	Gynaecology and obstetrics	
5	Dr. V P Gupta	Cardiopulmonary Physiotherapy	Cardiopulmonary/ICU	

4. Programmes/Courses offered by the Department during 2022-2023 4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	MSc in MEDICAL IMAGING TECHNOLOGY	PG	5	18
2	MSc MEDICAL LAB SCIENCES	PG	5	7
3	MASTER IN OPTOMETRY	PG	5	13
4	BSc IN MEDICAL IMAGING TECHNIQUES	UG	25	47
5	BSc IN MEDICAL LABORATORY TECHNIQUES	UG	30	64
6	BSc IN ANESTHESIA & OPERATION TECHNIQUES	UG	25	38
7	BSc IN TRAUMA & CARE MANAGEMENT	UG	25	10
8	BSc IN MEDICAL RECORD	UG	25	3
9	BSc IN CARDIO LAB TECHNIQUES	UG	25	35
10	BSc IN DIALYSIS TECHNIQUES	UG	25	17
11	BACHALOR IN OPTOMETRY	UG	25	23
12	Bachelor of Physiotherapy	UG	50	50
13	Ph.D. Nursing	Doctoral	-	-
14	M.Sc. Nursing	PG	25	8
15	B.Sc. (Hons)Nursing	UG	60	63(5 PMSS)
16	Post basic B.Sc. Nursing	UG	30	23
17	Master of Physiotherapy	PG	21	20

4 (b) PG Diploma/Diploma/Certificate level

Sl. No.	Name of course	Level (PG Diploma /Diploma/ Certificate)	Approved intake	No. of students enrolled
1	DIPLOMA IN X-RAY & ECG	Diploma	15	5
2	DIPLOMA IN DIALYSIS TECHNIQUES	Diploma	15	10
3	DIPLOMA IN MEDICAL RECORD	Diploma	15	4
4	DIPLOMA IN OPERATION THEATRE TECHNIQUES	Diploma	15	20
5	Diploma in General Nursing & Midwifery	Diploma	70	70

5. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1	LAB EQUIPMENTS	4130000/-
2	SKILL LAB EQUIPMENTS	
3	Adult CPR Simulator, Catheterization and proctoclysis Simulator, Intravenous arm, Ryles tube simulator, Decubitis ulcer simulator, Basic combination nursing manikin, infant resuscitation Manikin, Advanced nursing manikin with auscultation sound and blood pressure measurements, Perinium cutting and suturing manikin, Child birth skill simulator, Mama Birthie, Fetal skull and pelvis, PC Commuter's with UPS, Printer	Rs. 904100/-

6 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Abdul Latiful Khabir		Dr. Iqbal Alam	UGC
2	Ruchi Basista		Dr. Deepika Singla	UGC
3	Sunil		Dr. Deepika Singla	UGC
4	Ms.Ellen Beck	A study to assess the effect of mindfulness meditation on stress and anxiety related to clinical environment among nursing student of selected colleges of delhi	Prof.(Dr.) Manju Chhugani	Nil
5	Ms.Seema Rani	Risk assessment of non-communicable diseases among young adults	Dr.Sandeep Kumar	Nil
6	Ms.Mikki Khan	A quasi experimental study to assess the effectiveness of nurse led monitoring using quality improvement methodology for health care workers in improving maternal and neonatal outcomes at selected tertiary care centres in Delhi	Dr.Sakhi John	Nil
7	Ms.Farha Usmani		Prof.(Dr.) Manju Chhugani	Nil
	Ms.Jamal Fatima Hashmi		Dr.Faheem Ahmed	Nil
	Saima Habeeb	A quasi experimental study to assess the effectiveness of non-traditional birthing positions on labor outcome during second stage of labor among second gravida mothers in government maternity hospital, Anantnag, Kashmir	Prof. (Dr.) Manju Chhugani	Nil
	Javaid Ahmed Mir	A study to assess the effectiveness of progressive Muscle relaxation technique on stress and anxiety among primigravidae women at the selected hospital of Srinagar, Kashmir	Prof. (Dr.) Manju Chhugani	Nil

7. (a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	OPTO EYE MEET	OCTOBER-2022	MEERUT COLLEGE,UP	300+
2	CME on " Application of Radiology in Physiotherapy and Occupational Therapy"	11.4.2023-12.4.2023	Jamia Hamdard	100
3	Induction Program	7 th February 2023, 10.00 am in Hakeem Abdul Hameed Auditorium, Jamia Hamdard.	Jamia Hamdard	50 BPT students 21 MPT students 13 Teachers(PT) 8 Teachers(OT)
4	World Physiotherapy Day	8.9.2022	Department of Physiotherapy	200

5	Faculty Development Programme – Research Methodology in Healthcare By Department of Physiotherapy, School of Nursing Sciences and Allied Health, Jamia Hamdard In Collaboration with UGC Human Resource Development Centre, Jamia Millia Islamia	28th March 2021 to 1st April 2022	Jamia Hamdard in Collaboration with Jamia Millia Islamia	26 Faculty Members
6	International conference on Nursing science and health care	29 th & 30 th September 2022	Society for nursing practices	212
7	International conference on building foundations for the delivery of transgender health care in the Indian subcontinent	28 th & 29 th October 2022	Association for transgender health in India	300
8	Workshop on basics of palliative care	8 th & 9 th December 2022	Cansupport	54
9	Workshop on OSCE of CHN department	24 th January 2023	None	20
10	Workshop on OSCE for nursing procedures	9 th February 2023	None	30
11	Conference on End TB by 2030: Is the Goal achievable?	17 th February 2023	None	97
12	FDP on Forensic Nursing: Current Trends & future Perspectives	22 nd to 24 th February 2023	None	57
13	Conference on care of Low Birth Weight Babies	28 th February 2023	None	57
14	Workshop on OSCE in the assessment of Mental Health Nursing Skills	3 rd March 2023	None	29

7. (b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	RUQIYA RAMZAN, NANDANI, HEENA PARVEEN	INDUCTION PROGRAMME	16 NOVEMBER-22	JAMIA HAMDARD
2	Hammad Ahmed Siddiqui	UGC HRDC, online faculty induction programme	1st September 2022- 28th September 2022	Jamia Millia Islamia University
3		Five days Faculty Development Programme on "Research Methodology in Healthcare" oorganized by Department of Physiotherapy, SNSAH, Jamia Hamdard in collaboration with UGC-HRDC, Jamia Millia Islamia	28th March 2022-1st April 2022	Jamia Hamdard
4	Nahid Khan	Five days Faculty Development Programme on "Research Methodology in Healthcare" oorganized by Department of Physiotherapy, SNSAH, Jamia Hamdard in collaboration with UGC-HRDC, Jamia Millia Islamia	28th March 2022- 1st April 2022	Jamia Hamdard

5	Deepak Malhotra	Five days Faculty Development Programme on "Research Methodology in Healthcare" organized by Department of Physiotherapy, SNSAH, Jamia Hamdard in collaboration with UGC-HRDC, Jamia Millia Islamia	28th March 2022- 1st April 2022	Jamia Hamdard
6	Zuheb Ahmed Siddiqui	Five days Faculty Development Programme on "Research Methodology in Healthcare" organized by Department of Physiotherapy, SNSAH, Jamia Hamdard in collaboration with UGC-HRDC, Jamia Millia Islamia	28th March 2022- 1st April 2022	Jamia Hamdard
7	Prachi Tiwari	Five days Faculty Development Programme on "Research Methodology in Healthcare" organized by Department of Physiotherapy, SNSAH, Jamia Hamdard in collaboration with UGC-HRDC, Jamia Millia Islamia	28th March 2022- 1st April 2022	Jamia Hamdard
8	Ms. Bindu Shaiju	3 days FDP on Forensic Nursing	22-24 February 2023	Jamia Hamdard
9		Third International Conference on the theme "Current trends in Nursing perspective: A leading pathway to Quality care"	17 th and 18 th March, 2023.	Sharda School of Nursing Science and Research, Sharda University, Greater Noida
10	Uzma Anjum	1. Forensic Nursing Current trends & future perspective 2. Sexuality let's break the silence ,	22/02/2023-24/02/2024 21february 2023	Rufaida College of Nursing. Jamia Hamdard.
11	Mansi Dabola	Forensic Nursing: Current Trends & Future Perspectives	22/02/2023-24/02/2024	Rufaida College of Nursing. Jamia Hamdard.
12	Nasima arazzaman laskar	Forensic Nursing: Current Trends & Future Perspectives	22/02/2023-24/02/2024	Rufaida College of Nursing. Jamia Hamdard.
13	Bandhu Sharma	Adaptation and Execution of National Education policy 2020- for effective teaching techniques	14-20th December,2022	SUMER Jamia Hamdard.
14	Saba Hashmi	Forensic Nursing, "Nursing conference on low birth weight baby on Transgender health care organized by Rufaida college of nursing on	22/02/2023-24/02/2024 28.02 2023 28.29.10.2022."	Rufaida College of Nursing. Jamia Hamdard.

15	Hemlatha Nair	"•Forensic Nursing: Current Trends& Future perspective. Training on simulation based Nsg.Foundation procedures & OSCE based evaluation. Induction programme of B.Sc., DGNM, and M.Sc. & PB B.Sc.	22/02/2023-24/02/2024 9.02.23	Rufaida College of Nursing. Jamia Hamdard.
16	Rajlaxmi	Building foundation for delivery of transgender Healthcare in indian subcontinent OSCE for nursing procedures 21st Feb sexuality : let's break the silence End TB by 2020 is the goal achievable One day jamia hamdard	28th and 29th October 2022 9th Feb 2023 23March	Jamia Hamdard jamia hamdard
17	Deepika Kumari	"1. FDP: Forensic Nursing: Current Trends and Future Perspectives, 2. FDP: Effective Teaching Strategies in Nursing Education. "1. Hepatitis Can't wait, Master Training 2. International Conference on Building foundations for the delivery of Transgender Healthcare in the Indian Subcontinent, New Delhi, 3.OSCE in the assessment of Mental Health Nursing skills, Organiser, 4. OSCE for Nursing Procedures, Induction Program 2022-2023-, Duty- University and Hospital visit	16.03.23-18.03.23" 22.10.22-23.10.22 28.10.22-29.10.22 03.03.23 09.02.23" 06/12/22- 07/12/23	

18	Farheen khan	<p>"Forensic Nursing: Current Trends and Future Perspectives,</p> <p>International Conference on Building foundations for the delivery of Transgender Healthcare in the Indian Subcontinent</p> <p>OSCE in the assessment of Mental Health Nursing skills</p> <p>OSCE for Nursing Procedures Organizer</p> <p>Advocating Patient Safety and quality care in Liver ICUs Delegate Organized by</p> <p>Induction programme, Rufaida college of nursing, Jamia hamdard</p>	<p>22.02.23- 24.02.23 28.10.22-29.10.22</p> <p>03.03.23</p> <p>09.02.23</p> <p>04.03.23</p> <p>6-7th december</p>	
19	Preysi	<p>Building Nursing and Midwifery Leadership in the Context of UHC/ SDG" Alcohol related liver diseases and its management, (online)</p>	<p>(14th-18th November 2022)</p> <p>10/11- 11/11</p>	NIHFW
20	Somibala Thokchom	<p>Faculty development program on "Forensic Nursing: current trends & Future perspectives"</p> <p>Participated in National Training of Trainers on "Capacity building of PRI's and SHG's on Health organized in collaboration with National Health system Resource Centre, NHM,</p>	<p>22.02.23- 24.02.23</p> <p>14th -17th March 2023</p>	<p>Rufaida College of Nursing.</p> <p>Institute of rural development and Panchayati Raj, Ministry of rural development, Gol, Hyderabad</p>
21	Neha john	<p>Forensic Nursing: current trends and future perspectives,</p> <p>Building foundation for the delivery of transgender healthcare in the indian subcontinent,</p>	<p>22.02.23- 24.02.23</p> <p>28th and 29th october 2022</p>	Rufaida College of Nursing.
22	Somibala Thokchom	<p>Neonatal resuscitation program First Golden minute project funded by Indian association of Padiatrics</p> <p>OSCE for Nursing procedure , Training on simulation based learning</p>	<p>11/4/2022</p> <p>9/2/2023</p>	<p>Rufaida college of Nursing, Jamia Hamdard.</p> <p>Rufaida college of Nursing, Jamia Hamdard</p>

23	Nazni	<p>Effective teaching strategies in Nursing Education</p> <p>Forensic Nursing</p> <p>One day conference on theme- End T.B. by 2030: is the goal achievable</p> <p>OSCE - assessment of mental Health Nursing skills</p> <p>OSCE- Foundation of Nursing</p> <p>Induction program 22-23</p>	<p>16-18March2023</p> <p>17 Feb 23</p> <p>3 March 23</p> <p>9 Feb 23</p>	Rufaida college of Nursing, Jamia Hamdard
24	Shilpi Sarkar	<p>"FDP on Forensic Nursing,</p> <p>FDP on Preparing Nursing Institutions for NAC accreditation under MoHFW, GOI,</p> <p>Care of LBW babies, 1 day</p>	<p>22.02.23- 24.02.23</p> <p>25TH Feb 23 to 2nd mar, 23</p> <p>28/2/23</p>	Rufaida college of Nursing, Jamia Hamdard Ahilya Bai CON, Delhi" Jamia Hamdard
25	Vijeeta lal	<p>Adaptation and execution of NEP 2020 for effective teaching and learning techniques.</p> <p>2. Forensic Nursing: Current Trends and Future Perspectives. 3.FDP: Effective Teaching Strategies in Nursing Education</p> <p>1. OSCE for Nursing Procedures-</p> <p>2.International Conference on Building foundations for the delivery of Transgender Healthcare in the Indian Subcontinent. 3. Care of low birth weight baby-</p> <p>4. 4th International Conference on Nursing Science and Healthcare-</p> <p>5.educational strategies and challenges-</p> <p>Induction programme b.sc nursing and DGNM-</p> <p>Induction programme of post basic B.sc nursing</p>	<p>15.12.2022 to 20.12.2022</p> <p>22.02.23- 24.02.23</p> <p>16.03.23-18.03.23</p> <p>09.02.23</p> <p>28.10.22-29.10.22</p> <p>28.02.2023</p> <p>29.9.2023- 30.9.2023</p> <p>16.7.2023</p> <p>6.12.2022 to 7.12.2022</p> <p>16.05.2023"</p>	SUMER, JH Rufaida college of Nursing, Jamia Hamdard
26	Gifty Bijoy	<p>Forensic Nursing- current Trends and future perspectives.</p> <p>OSCE for Nursing Procedures</p> <p>B.Sc Nursing, M.Sc. (N) & DGNM - Induction Programme 2023</p>	<p>22.02.23- 24.02.23</p> <p>9.02.2023</p> <p>6.12.2022 to 7.12.2022</p>	Rufaida college of Nursing, Jamia Hamdard

<p>3</p>	<p>1-Dr.Anuja Bhalera MBBS MD obs.gynea,NKP Salve Institute of medical science & Research centre & Lata Mageskar Hospital, Maharastra</p> <p>2.Dr Poonam Verma Shiv Kumar MBBS, MD, Prof & Head OBGY, MGIMS, Sevagram, Wardha, Maharastra</p> <p>3. Dr Ram pandit CEO, ADECTEC, Duluth: Atlanta Georgia USA</p>	<p>Arc- Partograph its need & uses of Arc partograph in health care system.</p> <p>Partography & modified Robson's classification</p> <p>Arc partograph its functioning & its elements</p>	<p>7.3.22 Rufaida College of Nursing</p>	<p>Rufaida College of Nursing</p>	<p>170</p>
<p>4</p>	<p>1-Dr.Lin Fraser WPATH (World Professional Association for Transgender Health) Board of Directors, 2010 – present. Founder and co-lead, Global Education Initiative (GEI) 2013 – present)_</p> <p>2- Shri Alok Sexena Building foundation government initiative</p> <p>3- Amrita sarkar</p> <p>4- Prof. (Dr.)Saleena k baseer</p> <p>5- Prof.(Dr.)Aqsa shaikh</p> <p>6. Dr Niru</p> <p>7. Dr Bela Sharma</p> <p>8. Dr Amit Sen</p>	<p>IPATHCON-reflection on transgender history and heritage-50 years as a gender therapist.</p> <p>Topic- Building foundation government initiative</p> <p>Building foundation :community initiative</p> <p>Legal issues Education & transmedicos</p> <p>Building foundation & social issues.</p> <p>Parent support group</p> <p>Arts & experiences of a psychiatric of proving mental health services.</p> <p>Is there an effect of gender affirming surgery on an individual mental health.</p> <p>Summarizing the poissibilities in the role of mental health</p>	<p>28-29 October 2022 Rufaida college of Nursing</p>	<p>Association of transgender health in India (ATHI) and Rufaida College of Nursing</p>	<p>200</p>

9. Dr Amrit	practitioner in transgender health care in India.			
	Gender affirmative hormonal intervention in transmusculine person			
10. Dr Kavita Arora	Gender affirmative care in children and adolescence			
11. Dr Debmaliya Dr Suja Kumar	Duologue endocrine management in childhood & adolescence			
12. Emmerson Osterberg	Laprosopic peritoneal pull serovaginalplasty in male to female gender affirmation surgery			
13. Dr Promila Kalra Dr Mohan Shenoy	Laprosopic peritoneal pull through vaginoplasty PPV inception.			
14. Dr Nitin Viniyak Ghag	Planning a transwomen chest feminisation			
15. Dr Umang Kothari	Comparison between peritoneal and sigmoid vaginoplasty technique. Steps to reduce urinary complication rate during phalloplasty			
16. Dr James Roy	Achieving depth and correct exist in modified penile inversion vaginoplasty			
17. Dr Narender Kaushik	Facial hormonal surgery			
18. Dr Richie Gupta	Newer options in ART and gamete freezing			
	Clinical examination in			

	19. Dr Rajat Gupta	transgender & gender diverse individuals Building foundation for making laws gender friendly			
	20. Dr Miguel Perceval	Abstract & presentation Education a power to get empowered from societal biasness			
	21. Dr Sweta Gupta	Study of legal aspect , health condition of transgender population of India.			
	22. Dr Deepti Guta				
	23. Deepika Jain	Hum aur Hamri Baatein, language barrier and culture querrness in mental health spaces in India.			
	24. Harikritan Raghuram				
	25. Khusboo Sahu				
5	1. Dr .Jugal kishore, Director professor deptt of medicine, VAMMC, SJH. 2. Dr P. Sethi Sr specialist, respiratory medicine, National intitute of TB and respiratory diseases. 3. Dr Richa Guatam, Assistant Professor, Dept of Community Medicine HIMSR 4. Ms Gurpreet Gaur, PHN, New Delhi T.B. Centre.	End tuberculosis by 2030: is the goal achievable ?	17.2.23 Rufaida College of Nursing	Rufaida College of Nursing	30
6	1. Ms Sheron Dinil Kumar, Jr Foresensic expert, Delhi police deptt.	Foresensic science history & significance in medical science	22-24 feb 2023	Rufaida college of Nursing	70

	<p>2. Ms Kirti Gupta , criminal lawyer & head, centre of criminal investigation and forensic science</p> <p>3. Mr Tabish Sarosh, Legal consultant, Delhi Police</p> <p>4. Dr Vineeta ,Associate professor, Baba Sahib Ambedkar medical college and hospital</p> <p>5. Dr Nahid Mustafa, Assistant Prof, HILSR,JH</p> <p>6. Mr Tabish Iqbal Assistant Prof, HILSR,JH</p> <p>7. Ms Najish Fatima, Assistant Prof, HILSR,JH</p> <p>8. Dr Sarthak Aeram, , Assistant Prof, deptt of forensic Nursing & toxicology HIMSR</p> <p>9. Dr Roop Jyothi, SR deptt of forensic dept & toxicology, HIMSR.</p> <p>10. Dr Sahil Sharma, SR deptt of forensic dept & toxicology, HIMSR.</p>	<p>Topic- introduction to fundamental right</p> <p>Topic- guidelines to handle death and dead bodies. (unnatural death)</p> <p>Topic- evidence observation, recognition, collection, impreservation, documenting and forwarding biological sample.</p> <p>Topic- ethical issues in forensic Nursing</p> <p>INC & State Nursing Council ACTS</p> <p>Violence & epidemiology & source of data.</p> <p>Nurse as a witness & forensic team member beyond the scope of nursing practice.</p> <p>Documentation in criminal traumatic events.</p> <p>Admission & discharge/ referral of victim of violence.</p>			
7	<p>1. Dr Renju Sussan Baby, Assistant professor, Deptt of Psychiatry Nursing, IBHAS, new Delhi</p> <p>2. Ms Rohini Sharma Vice Principal, College of nursing, Apollo Hospital, New Delhi</p>	<p>Introduction & background of OSCE. Application of OSCE in assessment of Mental health Nursing Skills</p> <p>Practical I & II OSCE in assessment of Mental Health Nursing Skills</p>	3.3.23 Rufaida college of Nursing	Rufaida college of Nursing	30

9. Visits by Distinguished persons/Foreign faculty or delegates to the University / Schools / Deptt. / Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
1	Prof. Ruth Martin	Director, School of Nursing, Assistant dean Research, Faculty of Health, Dalhousie University	For MOU	School of Nursing Sciences & Allied Health	06/03/2023 Dalhousie University
2.	Prof. Audrey Steenbeek	Associate Director, School of Nursing, Dalhousie University			
3.	Prof. shouna Houk	Associate Director, School of Nursing, Dalhousie University			
4.	Mr.Meghan Chipp	Associate Director of Global Partnership, Government and Global Relations, Dalhousie University			
5.	Mr. Matt Hebb	Manager of Global Partnership, Government and Global Relations, Dalhousie University			

10. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	MS. NIDA PARVEEN,CI,PMS	A REVIEW STUDY ON MOITORING OF PHYSIOLOGICAL PARAMETER FOR OCULAR DIAGNOSTICS & ADMINISTERING DRUG FOR OCULAR DISEASES THROUGH A CONTACT LENS(A WEARABLE DEVICE)
2	DR.ASHAR IMAM,AP,PMS	<ol style="list-style-type: none"> 1. THE IMPACT OF THE COVID-19 PANDEMIC ON QUALITY ASSURANCE IN HOSPITALS:A COMPREHENSIVE ANAYSIS 2. EMERGING TRENDS IN QUALITY ASSURANCE FOR HOSPITAL :EXPLORING THE ROAD AHEAD
3	DR. MOD ARFAT (PhD),AP,PMS	<ol style="list-style-type: none"> 1. OUTCOME ANALYSIS IN CASES OF LOW BACKPAIN BY FAT SATUARATION TECHNIQUES OF MRI:A CROSS SECTIONAL RURAL HOSPITAL BASED STUDY 2. PRE-PROCESSING INVESTIGATION FOR BRAIN ABNORMALITY DETECTION & ANALYSIS THROUGH MRI OF BRAIN
4	Sohrab Ahmad Khan Associate Professor	<p>1-Shahnawaz Anwer , Shayista I. Jeelani, Sohrab Ahmad Khan, Nishat Quddus ,</p> <p>Sumit Kalra,and Ahmad H. Alghadir. " Effects of Thera Band and Theratube Eccentric Exercises onQuadriceps Muscle Strength and Muscle Mass inYoung Adults".</p> <p>Hindawi BioMed Research International</p> <p>Volume 2021, Article ID 5560144, 9 pages ISSN:2578-8892 2-Mohd. Yaqoob,, Yasmeen Shamsi, Mohd. Wasi Akhtar, Abhinav Jain, Roohi Azam, Sohrab A. Khan "A randomized controlled clinical study to evaluate the efficacy of Hijamah (wet cupping) in Irg-un-Nasa (Sciatica)". <i>J.res.tradit.med.</i> 2022;8(1):13-22.E-ISSN 2455-3166</p>

5	<p>Nahid Khan Assistant Professor</p>	<ul style="list-style-type: none"> • Aatika Khan, Nahid Khan, Sohrab A Khan. Effect of Donning Headscarf on Dynamic Balance in Young Females. Annals of International Medical and Dental Research (AIMDR). E-ISSN: 2395-2822 P-ISSN: 2395-2814 Vol-9, Issue-1 January- February 2023 DOI: 10.53339/aimdr.2023.9.1.2. Page No- 11-18 • Mohammad N, Naaz N, Khan N. Correlation among cognitive functions, mood disturbance, and health-related quality of life in type 2 diabetes mellitus: A cross-sectional survey. <i>Advances in Biomedical and Health Sciences</i>. 2023 Jan 1;2(1):31.
6	<p>Deepak Malhotra Assistant Professor</p>	<ul style="list-style-type: none"> • Zaidi S, Ahamad A, Fatima A, Ahmad I, Malhotra D, Al Muslem WH, Abdulaziz S, Nuhmani S. Immediate and Long-Term Effectiveness of Proprioceptive Neuromuscular Facilitation and Static Stretching on Joint Range of Motion, Flexibility, and Electromyographic Activity of Knee Muscles in Older Adults. <i>Journal of Clinical Medicine</i>. 2023; 12(7):2610. https://doi.org/10.3390/jcm12072610 - (SCIE, SCOPUS, PUBMED) • Ahmad I, Sharma A, Zaidi S, Alshahrani MS, Gautam AP, Raizah A, Reddy RS, Verma S, Tanwar T, Hussain ME, Malhotra D, Uddin S, Mukhtar EM . Establishing Responsiveness and Minimal Clinically Important Difference of Quebec Back Pain Disability Scale (Hindi Version) in Chronic Low Back Pain Patients Undergoing Multimodal Physical Therapy. <i>Healthcare</i>. 2023; 11(4):621. https://doi.org/10.3390/healthcare11040621 - (SCIE, SCOPUS, PUBMED) • Shifa Maryam, Deepak Malhotra, Sohrab Ahmed Khan, Deepika Singla, Sahar Zaidi, Shoulder rotator muscle imbalance in collegiate cricket bowlers: Measurement by Isokinetic Dynamometer at different angular velocities, <i>Measurement: Sensors</i>, Volume 24, 2022, 100556, ISSN 2665-9174, https://doi.org/10.1016/j.measen.2022.100556. - (SCOPUS) • Raina, S., & Malhotra, D. (2022). Immediate effect of MET of shoulder horizontal abductors and active sleeper stretch on glenohumeral internal rotation deficit in Indian lawn tennis players. <i>Measurement: Sensors</i>, 24, 100493. - (SCOPUS) • Maheshwari, D., Singla, D., Malhotra, D., & Zutshi, K. (2022). Circadian chronotypes and their effect on athletic performance: a systematic review. <i>Sport Sciences for Health</i>, 18(4), 1161-1177. (SCOPUS) • Malhotra, D., Sharma, S., Chachra, A., Dhingra, M., Alghadir, A. H., Nuhmani, S., ... & Iqbal, A. (2022). The Time-Based Effects of Kinesio Taping on Acute-Onset Muscle Soreness and Calf Muscle Extensibility among Endurance Athletes: A Randomized Cross-Over Trial. <i>Journal of Clinical Medicine</i>, 11(20), 5996. (SCIE, SCOPUS, PUBMED) • Nuhmani, S., Ahsan, M., Bari, M. A., Malhotra, D., Al Muslem, W. H., Alsaadi, S. M., & Muaidi, Q. I. (2022). Patellar Tendinopathy—Does Injection Therapy Have a Role? A Systematic Review of Randomised Control Trials. <i>Journal of Clinical Medicine</i>, 11(7), 2006. (SCIE, SCOPUS, PUBMED)
7	<p>Hammad Ahmed Siddiqui Assistant Professor</p>	<ul style="list-style-type: none"> • Khan Minhal, Siddiqui Hammad A Chhabra Charu. Correlation between inter limb coordination with dynamic balance and cognition among geriatric population of south Delhi. <i>Indian journal of physical therapy and Research in January-June 2023</i>
8	<p>Zuheb Ahmed Siddiqui</p>	<ul style="list-style-type: none"> • Khan A, Siddiqui ZA, Tiwari P, Khan SA (2023). Prevalence of Forward Head Posture and its Effect on Active Mouth Opening in Young Female Weightlifters. <i>Annals of International Medical and Dental Research</i>. 9(1), 19-22.

9	Prachi Tiwari	<ul style="list-style-type: none"> Barkha Sharma, Garvit Satija, Anish Madan, Mansi Garg, M. Mumtaz Alam, M. Shaquiquzzaman, Suruchi Khanna, Prachi Tiwari, Suhel Parvez, Ashif Iqbal, Syed Ehtaishamul Haque and Mohammad Ahmed Khan, Role of NLRP3 Inflammasome and Its Inhibitors as Emerging Therapeutic Drug Candidate for Alzheimer's Disease: a Review of Mechanism of Activation, Regulation, and Inhibition, Inflammation, 2022. Impact Factor 2.4.7 Khan A, Siddiqui ZA, Tiwari P, Khan SA (2023). Prevalence of Forward Head Posture and its Effect on Active Mouth Opening in Young Female Weightlifters. Annals of International Medical and Dental Research. 9(1), 19-22.
10	Seema Rani & Neha John	A study to assess the occupation burnout and level of stress among frontline health professionals during Covid-19 pandemic in selected hospital of New delhi, Chettinad health city Medical journal, 2022; vol 11, no. 4, page 2-8
11	Bindu Shaiju	Self Harm behaviors among Adolescents and Young Adults: A Review. Jundishapur Journal of Microbiology, Published online 2022 April, Vol. 15, No.1 (2022), 3032-3049 (Scopus indexed journal-
12	Mikki Khan & Fareha Khan	A study to assess the risk factors associated with coronary artery disease present among adult population in the selected hospital of New Delhi and to disseminate information pamphlet. International Journal of Novel Research and Development, May 2023, Vol. 8, Issue 5, i765-i775.
13	Mikki Khan & Jamal Hashmi	A Case Report on Anencephaly. Chettinad Health City Medical Journal Volume 11, Issue 4 - 2022, Pg. No. 92-94
14	Vijeeta Lal	A Study to Assess the Effectiveness of Helfer Skin Tap Technique on Level of Pain and Physiological Parameters during Intramuscular Injection among Infants in a Selected Hospital at Durg (C. G.). International Journal of Science and Research (IJSR), Volume 11 Issue 7, July 2022
15	Seema Rani & Suchhanda Bhattacharya	A descriptive study to assess the impact and perception of online classes on student community pan India during Covid-19. Journal of Communicable diseases, 2022, special issue, page no. 9-14

11. Achievements/Recognitions/Awards received/awarded to faculty members

1	Ms. Manju Chhugani	Changemaker of the year for outstanding contribution in upliftment of Society and Nation Building	National awards for social excellence	2023
		Appreciation for valuable support to BEB for organizing job fair and other activities	President BEB	2023
		Changemaker of the year for outstanding contribution in upliftment of Society and Nation Building	National awards for social excellence	2022
		Outstanding performance in executing biggest and historic megajob drive	B.E.B & Jamia Hamdard	2022
		Appreciation for valuable contribution as organizing chair person in Opto-I-Meet 2022	Jamia Hamdard	2022
2	Ms. Seema Rani Associate Professor	Keynote Speaker	Asia Book of Records, India Book of Records & International Book of Records	2022
3	Ms. Bindu Shaiju Associate Professor	Appreciation for contribution in NIRF and AISHE, Ministry of Education, GOI	Jamia Hamdard	2022
4	Ms. Jamal Fatima Hashmi Assistant Professor	Global Educator Excellence Awards 2022	UIJIR Academic Research Foundation	2022

5	Ms. Maihnaz Bi Tutor	Teacher appreciation for hard work and dedication	Beti Foundation (NGO)	2022
		Selected as Lieutenant	National Cadet Corps.	2022
		Appointed as NCC officer for the First Girl's Wing	Jamia Hamdard	2022
6	Ms. Shaheen Khan Tutor	Ms. TNAI Delhi Branch	TNAI	2022
7	Dr. Mohd Arfat (PhD) AP, PMS	ISR D YOUNG SCIENTIST AWARD		2023
8	Zuheb Ahmed Siddiqui		Awarded 2nd Prize for Paper Presentation - Senior Professional Category at the International Conference of Physical Therapy	2022-2023
9	Deepak Malhotra	Delhi branch of Indian Association of Physiotherapists; November 2022.	Awarded 1st Prize in Paper Presentation - Senior Category - National Conference	2022-2023
10	Hammad Ahmed Siddiqui	Haryana-by-Haryana chartered association of physiotherapist in collaboration with Delhi institute of pharmaceutical sciences and Research university in New Delhi	Clinical excellence award by Physio Harcon 2022 in 4 th International conference	2022-2023

a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

Prof. (Dr.) Manju Chhugani Dean- NAAC, UGC, AICTE

b. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

NISHAT QUDDUS-Academic Council member

Prof. (Dr.) Manju Chhugani

- Executive member of White Ribbon Alliance
- Executive member of Delhi Nursing Council
- Board member of Ipas
- Member of Academic council of Jamia Hamdard

c. Awards and Honors (Awards, Fellowships of professional Societies/Associations)

1	Ms. Manju Chhugani	Changemaker of the year for outstanding contribution in upliftment of Society and Nation Building	National awards for social excellence	2023
		Appreciation for valuable support to BEB for organizing job fair and other activities	President BEB	2023
		Changemaker of the year for outstanding contribution in upliftment of Society and Nation Building	National awards for social excellence	2022
		Outstanding performance in executing biggest and historic megajob drive	B.E.B & Jamia Hamdard	2022
		Appreciation for valuable contribution as organizing chair person in Opto-I-Meet 2022	Jamia Hamdard	2022
2	Ms. Seema Rani Associate Professor	Keynote Speaker	Asia Book of Records, India Book of Records & International Book of Records	2022
3	Ms. Bindu Shaiju Associate Professor	Appreciation for contribution in NIRF and AISHE, Ministry of Education, GOI	Jamia Hamdard	2022
		Best oral paper presentation	Society for Nursing practices	2022
4	Ms. Jamal Fatima Hashmi Assistant Professor	Global Educator Excellence Awards 2022	UIJIR Academic Research Foundation	2022

5	Ms. Maihnaz Bi Tutor	Teacher appreciation for hard work and dedication	Beti Foundation(NGO)	2022
		Selected as Lieutenant	National Cadet Corps.	2022
		Appointed as NCC officer for the First Girl's Wing	Jamia Hamdard	2022
6	Ms. Shaheen Khan Tutor	Ms. TNAI Delhi Branch	TNAI	2022
7	Ms Vijeeta Lal	Best poster on male participation in family planning	HIMSR & RCH programme DPMU, south east district, Delhi	2022
		Best oral paper presentation	Society for Nursing practices	2022
8	Ms Anjali Kaushik	Best oral paper presentation	Society for Nursing practices	2022
9	Ms. Jahanara Rahman	Best oral paper presentation	Society for Nursing practices	2022
10	Ms. Vandana Dagar	Best oral paper presentation	Society for Nursing practices	2022
11	Ms. Gifty Bijoy	Best oral paper presentation	Society for Nursing practices	2022
12	Ms. Sheeba Annie Chacko	Best oral paper presentation	Society for Nursing practices	2022
13	Dr. Mohd Arfat (PhD) AP,PMS			30 TH MAY23---
14	Zuheb Ahmed Siddiqui		Awarded 2nd Prize for Paper Presentation - Senior Professional Category at the International Conference of Physical Therapy	2022-2023
15	Deepak Malhotra	Delhi branch of Indian Association of Physiotherapists; November 2022.	Awarded 1st Prize in Paper Presentation - Senior Category - National Conference	2022-2023
16	Hammad Ahmed Siddiqui	Haryana-by-Haryana chartered association of physiotherapist in collaboration with Delhi institute of pharmaceutical sciences and Research university in New Delhi	Clinical excellence award by Physio Harcon 2022 in 4 th International conference	2022-2023

Invited as keynote or plenary speaker.

1 Nishat Quddus

Key note speaker in the MG Physiocon National physiotherapy Conference 2022 held on 13th & 14th November 2022 in Mahatma Gandhi university of medical Sciences & Technology, Jaipur

Key note speaker in the PhysioConclave PGI -Chandigarh held on 1st April 2023 organised by PGIMER Physiotherapists Association and Maharshi Markandeshwar ,Mullana, Ambala.

2 Deepak Malhotra

Key note speaker in the MG Physiocon National physiotherapy Conference 2022 held on 13th & 14th November 2022 in Mahatma Gandhi university of medical Sciences & Technology, Jaipur

3 Ms. Veena Sharma

29-30 September, 2022.

Keynote speaker at 4th International Conference on Nursing Science and Healthcare organized by SFNP and Bioleagues.

Topic: Nurses Leading Change and Advancing Health.

4 Ms Seema Rani: 15.07.22 and 27.01.23

Topic: MDG AND SDG

RCN- ECHO Foundation Course on National Health Programs

5 Ms Seema Rani: 02.11.22

Topics: Role of nursing services in prevention of hospital infections; Disaster management At Academy of hospital administration.

12. Students achievements

- a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)
- b. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1.	World Anesthesia Day	18 october-2022	50	Certificate to all participants	Porta cabin, PMS
2	Inter School Cricket match	24 February 2023	10	1 st Runner up	Sports club in Campus
3.	Community out reach event on Occasion of World Water day	20 march 2023	10		Noor Nagar Slum area
4	Session on BLS	18 April-23	40		Porta Cabin,PMS
5	Volleyball	19/5/2022	4	Aslima and Team	SGT University, Gurugram
6	Field visit to Asola Bhatti wildlife sanctuary	21/12/2022	150	Students from B.Sc. And G.N.M. Nursing	Asola Bhatti Wildlife Sanctuary, Tughlakabad,New Delhi

- c. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	Banarsidas Chandiwala Institute of Physiotherapy	02	
2	Hakeem Abdul Hammed Centenary hospital	59	2.4 LPA
3	Max Hospital	04	2.4 LPA

SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH

Name of the Dean

PROF. (DR.) S. M. ARIF ZAIDI (19/02/2021 TO 18/02/2023)
PROF. (DR.) SUHAIL FATIMA (w.e.f. 19/02/2023)

School of Unani Medical Education and Research (SUMER), earlier known as Jamia Tibbia, was established in 1935 at Gali Qasim Jaan, Delhi and later on adopted by Hamdard Dawakhana in 1963. It was shifted to Hamdard Nagar Campus in 1980 and named as Hamdard Tibbi College under University of Delhi. After the establishment of Jamia Hamdard in 1989, it was merged with the University. It is one of the pioneer institutes of Unani education and research in India.

Presently, the School runs an undergraduate course (BUMS), and a postgraduate course (M.D. Unani) in three disciplines of Unani Medicine i.e. Ilmul Advia, Moalajat and Tahaffuzi Wa Samaji Tibb. The school also runs two short term courses (i) a one-year course Pre-Tibb and (ii) a two- year course Diploma in Unani Pharmacy. It has fourteen departments and an associated, well- established teaching hospital namely Majeedia Unani Hospital.

In consonance with the ethos of Hamdard, School of Unani Medical Education and Research (SUMER) bestows the students with all resources required to become competent, compassionate, morally and socially responsible participants in the healthcare delivery system of the society. SUMER is committed to adopt the NEP-2020 -an initiative of MoE, Govt. of India by adopting SWAYAM-MOOCs and Credit Based learning for interdisciplinary knowledge exchange.

The School has made notable strides in the promotion and propagation of the glory of Unani Medicine nationally and internationally, for which the school has already collaborated with many national and global institutes of repute.

The School has been actively involved in research for last three decades. With the school's focus on integrative research and adoption of interdisciplinary approach, Jamia Hamdard provides an excellent setting in which academicians, physicians and researchers from different schools present a joint approach for the development of evidence-based scientific data generation, the growing need of the hour for traditional medical science. The dissemination of such scientific knowledge has been regularly carried out through conferences, seminars, webinars, symposia and publications in national and international journals.

VISION

- To become the institutional leader of Unani system of medicine in spheres of education, research and healthcare, nationally and internationally.
- Transformation and upgradation of Unani system of medicine as an evidence-based medicine through integration of modern science and technology with a concerted effort at the conservation of traditional knowledge.
- Significant and positive contribution of Unani medicine as means of safe and effective health care system.

MISSION

- To produce top-notch professionals who have a zeal for perpetual learning and are capable of performing well in diverse professional and cultural settings.
- To provide state of art facilities to conduct evidence-based research in Unani Medicine for generation of new knowledge, SOP's and treatment modalities so as to make the Unani system universally accepted traditional system of medicine.
- To provide students with all the tools required to successfully take on the world, endeavor to instill in them a healthy cultural rootedness that combines the best of traditional values with modern and progressive sensibilities
- To collaborate with many reputed institutes of national and international importance for promotion and endorsement of the Unani system of Medicine as well as for strengthening and amplifying the academic relationships nationally as well as globally for mutual benefits.

Name of the Departments/Academic Units under the School

1. Department of Kulliyat (Fundamentals of Unani Medicine)
2. Department of Tashreeh (Anatomy)
3. Department of Munafeul Aza (Physiology)
4. Department of Ilmul Advia (Pharmacology)
5. Department of Ilmul Saidla (Unani Pharmacy)
6. Department of Mahiyatul Amraz (Pathology)
7. Department of Tahaffuzi wa Samaji Tib (Preventive and Social Medicine)
8. Department of Ilaj bil Tadbeer (Regimenal Therapy)
9. Department of Ilmul Atfal (Paediatrics)
10. Department of Moalajat (Medicine)
11. Department of Jarahiyat (Surgery)
12. Department of Amraz-e-Ain Uzn, Anaf Wa Halaq (Eye and ENT)
13. Department of Amraz-e-Niswan wa Qabalat (Gynaecology and Obstetrics)
14. Department of Amraz-e-Jild wa Tazeeniyat (Dermatology and Cosmetology)

1. DEPARTMENT OF KULLIYAT

1. Head/Director of the Department/Centre/Unit: -????Dr. Abdul Bari till 31.12.2022 & Prof. S.M. Arif Zaidi

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Dr. Abdul Bari (Associate Professor) Superannuated:31.12.2022	BUMMS, MA (Arabic)	HoD, Kulliyat
2.	Dr. Sahar Saleem Assistant Professor	BUMS, MD	1. Assistant Provost (Girls) 2. Warden, Rabia & Anne Marie Schimmel Girls Hostel
3.	Dr. Ayasha Nadeem Pre-Tib Teacher	M.Sc, Ph.D	

3. Programmes/ Courses offered by the Department during 2022-2023

UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	Pre-Tib	Before UG	05	05

4. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Sahar Saleem	Participated in two weeks online joint Faculty Development on "Research Methodology" jointly organized by Electronics and ICT Academics, Ministry of Electronics and Information Technology, Government of India and NIT Patna	18-29 April	Online
2.	Dr. Sahar Saleem	Attended faculty development program from 14-20 December 2022 on "Adaptation & Execution of National Education Policy 2020 for effective teaching & learning techniques" organized by Department of Amraz-e-Niswan wa Qabalat (Gynaecology & Obstetrics) School of Unani Medical Education & Research, Jamia Hamdard in collaboration with UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi.	14-20 December	School of Unani Medical Education & Research, Jamia Hamdard

5. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Prof. K.M. Yusuf Amin held (Retired Professor AMU)	Medicine & Philosophy	11.08.2022 Examination Hall, SUMER	---	80

2. DEPARTMENT OF TASHREEH

1. **Head/Director of the Department/Centre/Unit: Dr Khursheed Ahmad Ansari**

2. **Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Dr. Khursheed Ahmad Ansari	MD	NA
2	Dr. Fazlur Rehman	MS Unani	NA

3. **Programmes/Courses offered by the Department during 2022-2023**

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	BUMS	UG	50	50

4 **Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.**

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr. Khursheed A Ansari Moderator	Transitional Curriculum Programme of NCISM 2022-2023	3-24 th March 2023	SUMER, Jamia Hamdard
2	Dr. Khursheed A Ansari (Organizing Secretary)	Transitional Curriculum Programme of NCISM 2021-2022	9-29 th November 2022	SUMER, Jamia Hamdard
3	Dr Khursheed A Ansari Resource Person and Chairman	Innovation conclave 22	17 th Nov 2022	CTSI, Jamia Hamdard
4	Dr Khursheed A Ansari Resource person	National Workshop of Centre for Excellence in Unani Medicine CoE Workshop 2022	27-29 July 2022	Jamia Hamdard and Ministry of Ayush VGovt of India
5	Dr Khursheed A Ansari Chairman	International IASTAM Conclave 2022	29-30 July 2022	Jamia Hamdard and IASTAM, Pune
6	Dr Khursheed A Ansari, Core Committee Member	Education Conference 2022-Education for Nation Building, Way Forward	2-3 July 2022	Jamia Hamdard and AEEDU, Alliance Org
7	Dr Khursheed A Ansari	Conference "Unani Medicine for Public Health" Organized by Central Council for Research in Unani Medicine	Feb 10-11, 2023	Vigyan Bhawan , New Delhi
8	Dr. Fazlur Rehman	Faculty Development Programme on "Adaptation and Execution of National Education Policy 2020 - For Effective Teaching & Learning techniques" organized by Dept. of <i>Amraz-e-Niswan wa Qabalat</i> , SUMER, Jamia Hamdard. In Collaboration with UGC-Human Resource Development Centre, Jamia Millia Islamia, Supported by JNU, Jean Monnet Project, Centre for European Studies, School of International Studies, JNU, New Delhi.	14 th to 20 th December, 2022.	School of Unani Medical Education & Research, Jamia Hamdard.
		Participated as a delegate on Unani Day 2023 & International Conference "Unani Medicine for Public Health" Organized by Central Council for Research in Unani Medicine, Ministry of Ayush, Govt. of India held at Vigyan Bhawan, New Delhi.	Feb 10-11, 2023	Central Council for Research in Unani Medicine, Ministry of Ayush, Govt. of India

5. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Prof Abhinav Jain, HoD Radiology HIMSR	Basic understanding of Radiological Anatomy	5 th April 2023		150

6. Visits by Distinguished persons/Foreign faculty or delegates to the University/Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
1	Prof Tanveer Ahmad Dr Bhupesh Sharma	Faculty of Pharmacy, Amity University, NOIDA	Collaboration in area of research	Faculty of Pharmacy, Amity University, NOIDA	7/10/2022
2	Prof A Nasir	NIUM, Banglore	Alumnus	Dept of IBT, NIUM	15/5/2023
3	Dr Shakeelu Ahmad	Member CCIM UP	Discuss about the issues of Unani Practitioners in UP	Ayurved and Unani Directorate, govt of UP	17/10/22
4	Dr Azmat Ali Khan	Lecturer Former, Jazan Univ KSA	To discuss on MAPlants and Unani Medicine	Bulandshahar	25/7/2022
5	Dr Saif Ahmad	Dept of Neurosurgery Barrow Neurological institute, Phonex. USA	Personal Visit as alumni of JH	Dept of Neurosurgery Barrow Neurological institute, Phonex. USA	23/6/2022
6	Dr Saiqua Ikram	Associate professor	To discuss the possibility of collaboration in research	Dept of Chemistry Jamia Millia Islamia	13/6/2023
7	Kaif Ahmad	Ranji Player WB	Formal visit	State Cricket Team WB (Ranji)	31/3/2022
8	Dr Abid Husain	Asst Professor and Asst DSW	As DSM, NSS to discuss the Swacchta Mission action plan for 2021-2022	Dept of Psychology Jamia Millia Islamia	10/3/2022

a. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- **Dr Khursheed Ahmad Ansari** Honorary Member of Academic Council, nominated by Hon Vice Chancellor under the provision and act of University of Delhi, Delhi

b. Awards and Honours (Awards, fellowships of professional societies/associations)

- **Dr. Khursheed A. Ansari.** Award of recognition to serve and Promote Unani system of Medicine by Hermas Herbal Unani Pharmaceuticals on 23/11/2022 at Surya Hotel, New Friends Colony.

3. DEPARTMENT OF MANAFEUL AZA

1. **Head/Director of the Department/Centre/Unit: Dr. Anwar Husain Khan, Head, Department of Manafeul Aza (Human Physiology), SUMER, Jamia Hamdard**
2. **Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
01	Dr. ANWAR HUSAIN KHAN Associate Professor & Head of the Department	MD, Kulliyat	Deputy Superintendent of Examination, SUMER, Jamia Hamdard
02	Dr. SHEHLA NAZIR Assistant Professor	BUMS	Teaching to the students of Diploma in Unani Pharmacy & Consultant Majeedia Unani Hospital

3. **(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)**

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
01	First National Workshop of Centre of Excellence in Unani Medicine on Competency Development of AYUSH Professionals, organized by Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology) Bioactive Natural Product Laboratory) School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi (Dr. Anwar Husain Khan, Joint Organizing Secretary & Co-PI, Center of Excellence)	July 27-29, 2022	AYURSWAS THYA YOJANA CHEME (S-12013/2/2021-SCHEME) Ministry of AYUSH, Govt. of India	150

3. **(b) Faculty Development Programmes/ Workshops/ Induction programmes/ Orientation Programmes/ MOOCs etc. attended by the Faculty Members.**

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Shehla Nazir	"Adaptation and Execution of National Education Policy 2020- For Effective Teaching & Learning Techniques"	From 14th to 20th December, 2022	SUMER, Jamia Hamdard, New Delhi

4. **Invited Lectures/Talks (2022-2023)**

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Ashfaque Ahmad Research Officer Unani MIIMH, Hyderabad	"Namaste Portal"	19/12/2022	Department of Manafeul Aza, SUMER, Jamia Hamdard.	80

5. **Visits by Distinguished persons/Foreign faculty or delegates to the University/Schools/Deptt./Centre (2022-2023)**

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
01	Prof. Mobarak Husain	Principal, F.H. Medical College Agra (U.P.)	To attend the BOS meeting	Department of Manafeul Aza, SUMER, Jamia Hamdard	27/01/2023

6. Sponsored projects: Centre of Excellence in Unani Medicine Funded by Ministry of AYUSH Govt. of India (Amount Rs. 10 Cr.)

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given In parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
	Dr. Anwar Husain Khan, Associate Professor as Co-PI	Centre of Excellence in Unani Medicine Funded by Ministry of AYUSH Govt. of India (Amount Rs. 10Cr.)	15 March 2022	At the completion of Three years	First Year report is submitted	SRF = 01 RA=01 Technical Assistant= 02 Attendant = 01

7. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
01	Dr. Anwar Husain Khan	Dr. Anwar Husain Khan, Dr. Shehla Nazir, Dr. Khursheed Ahmad Ansari "Hajamat ki Ahmiyat wa Afadiyat" Tibbe Nabvi aur Aasar wa Shavahid ki Roshni main, in: Quarter journal of Nawa-e- Tibb-o-Sehat, Allahbad, U.P.pp:20-24, Vol: 31, Issue: 3, ISSN2348-9669 (July-September- 2022).
02	Dr. Shehla Nazir	Dr. Shehla Nazir "Advances in Physical Education Physiology and Yoga" Volume-02, published by Integrated Publications H. NO. 3, Pocket H 34, Sector 03, Rohini, Delhi-110085, India (Publication Year 2022), ISBN978-93-93502-64-3, pages, 106

8. Achievements/Recognitions/Awards received/awarded to faculty members (Pls. give details):

- **Dr. Anwar Hussain Khan.** Ibn Sina International Award-2022 in recognition of valuable contribution in the field of education in Unani Medicine. Awarded during world Unani Medicine Day celebration held on 12th February 2023 at constitution Club, New Delhi. All India Unani Tibbi Congress.

9. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

S. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
01	"Women Health Week 2022" (Awareness walk)	01/04/2022	100		Jamia Hamdard, New Delhi.
02	Free Health Checkup and Treatment Camp" on the occasion of Women Health Week 2022	07/04/2022	100		Shahi Public School Lane No. 37, Tughlakabad Extn. New Delhi
03	Free Health Camp organized by Women Development Cell, Jamia Hamdard	12 th June 2022	120		Godhuli Senior Citizen Centre, E-Block, Greater Kailash-II, New Delhi.
04	"XII IASTAM ORATION AND AWARD FUNCTION International IASTAM Conclave 2022", Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement	29 th - 30 th July, 2022	500		Centre of excellence in Unani Medicine (Pharmacognosy and Pharmacology) Bioactive Natural Product Laboratory Jamia Hamdard, New Delhi,
05	Conducted "All India Mushaira" as a convener Cultural Programme Committee on the occasion of National Seminar on Biotechnology, School of Chemical & life Sciences, Jamia Hamdard, New Delhi	23/11/2022	250		Convention Centre, Jamia Hamdard, New Delhi

4. DEPARTMENT OF ILMUL ADVIA

1. **Head/Director of the Department/Centre/Unit: Prof. MA Jafri (From 1st April 2022 to 30th June 2022) & Prof. Mohd Aslam (w.e.f. 1st July 2022 to 31st March 2023),**

2. **Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/Achievements/ Awards, additional charge	Any other information
1.	Dr. Mohd Aslam	M.D. (Ilmul Advia), PhD (Chemistry of Forest Products)	Professor	- HoD from 01.07.2022 onwards	
2.	Dr. M.A Jafri	M.D. (Ilmul Advia)	Professor	HoD from 01.04.2022 Upto 30.06.2022	Supernauted on 30.06.2022
3.	Dr. Hifzul Kabir	M.D. (Ilmul Advia)	Associate Professor	Herbal Garden Incharge	Supernauted on 31.10.2022
4.	Dr. Aisha Siddiqui	M.D. (Ilmul Advia)	Assistant Professor	Cancellation Officer of The Faculty of SUMER, Member of Student Counselling Cell at University Level	-
5.	Dr. Rasikh Javaid	M.D. (Ilmul Advia)	Assistant Professor	Member of Admission Committee SUMER	Joined the department on 01/01/2022
6.	Ms Faraha Ahmad	M. Pharm. Pursuing PhD	Assistant Professor		Joined the department on 28/01/2022

3. **Programmes/Courses offered b the Department during 2022-2023 UG/PG/Doctorate level**

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	M.D. (Ilmul Advia)	PG	03	03

4 (a) **Research Scholars on rolls (as on 31.03.2023)**

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Mohd. Zafeer Nafees	Evaluation of antidepressant potential of Post Turanj (<i>Citrus medica</i> Linn in animal model.	Prof. M Aslam	Hakeem Abdul Hameed fellowship
2.	Ms. Ayesha Ali	Nephroprotective Property of <i>Majeeth (Rubia cordifolia Linn.)</i> against nephrotoxicity produced by Gentamycin in Rats.	Prof. M Aslam	Hakeem Abdul Hameed fellowship
3.	Ms. Sajida Sumaiya	Evaluation of Hepatoprotective activity of Izkhar (<i>Cymbopogon jwarancusa</i> Schult.) against Paracetamol induced liver injury in animal models	Dr. Aisha Siddiqui	Hakeem Abdul Hameed fellowship
4	Faiza	Nephroprotective potential of Gokhru kalan (<i>Pedaliium murex</i>).	Prof. M Aslam	Hakeem Abdul Hameed fellowship
5.	Ayman Danish Kirmani	Nephroprotective potential of Ajwain (<i>Trachyspermum ammi</i> Linn.) against Gentamicin-induced Nephrotoxicity in rats.	Prof. M Aslam	Hakeem Abdul Hameed fellowship
6.	Abdul Wahab	Nephroprotective potential of <i>Gul-e-Banafshah (Viola odorata</i> Linn.) against Gentamicin induced nephrotoxicity in rats.	Dr. Aisha Siddiqui	Hakeem Abdul Hameed fellowship
7.	Aqsa	Joined on 03/04/2023	Not assigned during the reporting period	Hakeem Abdul Hameed fellowship
8.	Margubul Fatima	Joined on 10/04/2023	Not assigned during the reporting period	Hakeem Abdul Hameed fellowship
9	Sumaiya Akhlaq	11/04/2023	Not assigned during the reporting period	Hakeem Abdul Hameed fellowship

4. (b) M.D Unani Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Aafreen Afzal	<i>Experimental Studies on the Anti-stress effect of Majoon Brahmi and Optimization of the formulation in experimental models</i>	-	Prof. M.A. Jafri
2.	Aiman Faheem	Evaluation of Antidepressant potential of Darunaj aqrabi (<i>Doronicum hookeri hook.f.</i>) in animal model	-	Dr. Aisha Siddiqui

5. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Prof. Mohd Aslam	1. Attended an International IASTAM Conclave 2022 on the topic "Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement" organized by Centre of Excellence in Unani Medicine in association with Indian Association for the Study of Traditional Asian Medicine, Pune at Jamia Hamdard, New Delhi during 29-30 July 2022.	29-30 July, 2022	Jamia Hamdard
		2.		
		3. Chaired a Technical session in an International IASTAM Conclave 2022 on the topic "Functional foods & Nutraceuticals/AYUSH Aahaar for the Study of Traditional Asian Medicine, Pune at Jamia Hamdard, New Delhi during 29-30 July 2022.	2022	Jamia Hamdard
		4. International Conference of "Unani Medicine for Public Health" Organized By CCRUM New Delhi held on 10-11 th Feb, 2023		CCRUM, New Delhi
		5. Participated in 5 th UDMA day organized by Unani Drugs Manufactures Association held on 14-16 th October 2022 at Jamia Millia Islamia, New Delhi.	10 11 th Feb, 2023	Jamia Millia Islamia, New Delhi
		6. Participated in a National Seminar on the Role of Unani Medicine in Public Health & Wellness held on 02.02.2023 at Vigyan Bhawan, New Delhi organized by RRIUM, New Delhi as a part of pre activity for 7 th Unani day 2023.	14-16 th October 2022	Vigyan Bhawan, New Delhi
		7. Participated in "National workshop-cum-Hands on training on Pharmacovigilance-Industry Practices" held on 16 th Feb, 2023 at Convention Centre, Jamia Hamdard.	02 Feb, .2023	Jamia Hamdard
		8. Participated in a chairperson on "Classical Unani Research Methodology and Adaptation of modern Research Techniques" Organized by Dept. of Ilmu Advia, Faculty of Unani Medicine, AMU, Aligarh held on 25 th February, 2023.	16 th Feb, 2023	AKTC, AMU, Aligarh
		9. Participated in 2 nd World Unani Congress organized by World Unani Foundation held on 4-6 March, 2023 at Jamia Millia Islamia, New Delhi.	25 th February, 2023.	Jamia Mila Islamia
			4-6 March, 2023	

<p>Dr. Rasikh Javaid</p>	<ol style="list-style-type: none"> 1. Attended and presented a paper in International IASTAM Conclave 2022 organized by CEO in Unani medicine, Jamia Hamdard, New Delhi, 29th -30th Jul 2022. 2. Attended as a Moderator in 15 days transitional curriculum programme, organized by SUMER, Jamia Hamdard, 9-29th Nov 2022. 3. Delivered a lecture in 15 days transitional curriculum programme, organized by SUMER, Jamia Hamdard, 9-29th Nov 2022. 4. Delivered another lecture in 15 days transitional curriculum programme, organized by SUMER, Jamia Hamdard, 9-29th Nov 2022. 5. Attended as a Moderator in FDP on Adaptation and execution of national education policy 2020-for effective teaching and learning techniques, Organized by SUMER, New Delhi, 14th-20th Dec 2022. 6. Participated as a delegate in a National Seminar on "Role of Unani Medicine Post Covid-19 Pandemics" Organized by HAKILHRUM, Delhi held at Jamia Milia Islamia, New Delhi 7. Participated in a National Seminar on the Role of Unani Medicine in Public Health & Wellness held on 02.02.2023 at Vigyan Bhawan, New Delhi organized by RRIUM, New Delhi as a part of pre activity for 7th Unani day 2023. 8. Participated as a delegate on Unani Day 2023 & International Conference "Unani Medicine for Public Health" Organised by Central Council for Research in Unani Medicine, Ministry of Ayush, Govt. of India held at Vigyan Bhawan, New Delhi. 9. Attended and presented a paper in National seminar on Classical Unani research methodology and adaptation of modern research techniques, organized by Dept. of Ilmul Advia, AKTC, AMU, Aligarh, 25th Feb2023. 10. Attended as a Moderator in the Transitional Curriculum Programme of NCISM 2022-2023 organised by SUMER during 3-24th March 2023. 11. Delivered a lecture in the Transitional Curriculum Programme of NCISM 2022-2023 organised by SUMER during 3-24th March 2023. 12. Delivered another lecture in the Transitional Curriculum Programme of NCISM 2022-2023 organised by SUMER during 3-24th March 2023. 	<p>29th -30th Jul 2022.</p> <p>9-29th Nov 2022.</p> <p>9-29th Nov 2022.</p> <p>9-29th Nov 2022.</p> <p>14th-20th Dec 2022.</p> <p>24.01.2023</p> <p>02.02.2023</p> <p>10-11.02.2023</p> <p>25.02.2023</p> <p>3-24th March 2023.</p> <p>3-24th March 2023.</p> <p>3-24th March 2023.</p>	<p>Jamia Hamdard New Delhi</p> <p>SUMER, Jamia Hamdard</p> <p>SUMER, Jamia Hamdard</p> <p>SUMER, Jamia Hamdard</p> <p>SUMER, Jamia Hamdard</p> <p>JMI, New Delhi</p> <p>Vigyan Bhawan, New Delhi</p> <p>Vigyan Bhawan, New Delhi. AKTC, , AMU, Aligarh</p> <p>SUMER, Jamia Hamdard</p> <p>SUMER, Jamia Hamdard</p> <p>SUMER, Jamia Hamdard</p>
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6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

S. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof. Mohd Aslam (Professor & Head)	<ol style="list-style-type: none"> 1. Faheem A, Siddiqui A, Chaudhary SS, Aslam M and Fatma G, Waj turki (<i>Acorus calamus</i> Linn.) A pharmacognostical review with Unani description. International Journal Biology, Pharmacy and Allied Sciences (IJBPAS), 2022, 11(8): 3608- 3621 ISSN No. 2277-4998. 2. Rasikh Javaid , Ghazala Javed, Mohd Aslam, Aisha Siddiqui, Raheela Javed, Farah Ahmed Darchini (<i>Cinnamomum zeylanicum</i> J. Presl) - A Potent Unani Herb with its Descriptive Parameters of Pharmacognosy and Pharmacology - A Review journal of Pharmaceutical Negative Results Vol 13 Issue 9, P.No. 4138- 4147, 2022 3. Zafeer Nafees, Aisha Siddiqui, M. Aslam, Shahid S. Chaudhary, Rasikh Javaid Nengroo. Ethnobotany and Pharmacognosyof Turanj (<i>Citrus medica</i> Linn.): A comprehensive review. International Journal of Biology, Pharmacy and Allied Sciences, 12 (4), April 2023, ISSN: 2277- 4998 4. Zafeer Nafees, Aisha Siddiqui, M.Asalm, Seema Rani. Pharmacological significance of medicinal herb <i>Ocimum gratissimum</i> Linn. (Faranjmishk): an updated review. International Journal of Biology, Pharmacy and Allied Sciences, 12 (7), July 2023, ISSN: 2277-4998. 5. Sajida Sumaiya, Aisha Siddiqui, Shahid S. Chaudhary, Mohd. Aslam and Anwar Jamal. Phytochemistry, Ethno-pharmacology and pharmacognostical appraisal of Izkhar (<i>Cymbopogon Jwarancusa</i> (Jones) Schult.) in unani medicine. International Journal of Biology, Pharmacy and Allied Sciences, 12 (8), Aug 2023, ISSN: 2277-4998. 6. Sajida Sumaiya, Aisha Siddiqui, Shahid S. Chaudhary, Mohd. Aslam and Anwar Jamal. Phytochemistry, Traditional uses and biological activities of Irsa (<i>Irsaensata</i> Thnub.): A multipotent Unani medicine. International Journal of Biology, Pharmacy and Allied Sciences, 12 (4), April 2023. ISSN: 2277-4998. 7. Rasikh Javaid, Ghazala Javed, Mohd. Aslam, Aisha Siddiqui, Raheela Javaid, Farah Ahmed. Darchini (<i>Cinnamomum zeylanicum</i> J. Presl)- A potent unani herb with its descriptive parameters of pharmacognosy and pharmacology-A review. Journal of Pharmaceutical Negative Results,13, special issue 9,4138- 4147,2022.ISSN: 0976-9234.
2.	Dr. Aisha Siddiqui (Assistant Professor)	<ol style="list-style-type: none"> 1. Afshan Khan, Aisha Siddiqui, M.A.Jafri, Divya Vohra, Mohd Asif. Pre-clinical evaluation of Antidepressant and Antioxidant activities of a renowned polyherbal formulation. Research journal of Pharmacy and Technology, 15 (8),3674- 3680,Aug 2022, ISSN: 0974-3618 2. Aimen Faheem, Aisha Siddiqui, Shahid S Chaudhary, Mohd. Aslam. Waj Turki (<i>Acorus calamus</i> Linn.) : A Pharmacognostical review with Unani description. International Journal of Biology, Pharmacy and Allied Sciences, 11 (8), 3608-3621, Aug 2022, ISSN: 2277-4998. 3. Zafeer Nafees, Aisha Siddiqui, M. Asalm, Shahid S. chaudhary,Rasikh Javaid Nengroo. Ethnobotany and Pharmacognosy of Turanj (<i>Citrus medica</i> Linn.): A comprehensive review. International Journal of Biology, Pharmacy and Allied Sciences, 12 (4), April 2023, ISSN: 2277- 4998 4. Zafeer Nafees, Aisha Siddiqui, M. Asalm, Seema Rani. Pharmacological significance of medicinal herb <i>Ocimum gratissimum</i> Linn. (Faranjmishk): an updated review. International Journal of Biology, Pharmacy and Allied Sciences, 12 (7), July 2023, ISSN: 2277-4998. 5. Sajida Sumaiya, Aisha Siddiqui, Shahid S. Chaudhary, Mohd. Aslam and Anwar Jamal. Phytochemistry, Ethno-pharmacology and pharmacognostical appraisal of Izkhar (<i>Cymbopogon Jwarancusa</i> (Jones) Schult.) in unani medicine. International Journal of Biology, Pharmacy and Allied Sciences, 12 (8), Aug 2023, ISSN: 2277-4998. 6. Sajida Sumaiya, Aisha Siddiqui, Shahid S. Chaudhary, Mohd. Aslam and Anwar Jamal. Phytochemistry, Traditional uses and biological activities of irsa (<i>Irsa ensata</i> Thnub.): A multipotent Unani medicine. International Journal of Biology, Pharmacy and Allied Sciences, 12 (4), April 2023. ISSN: 2277-4998. 7. Rasikh javaid, Ghazala Javed, Mohd. Aslam, Aisha Siddiqui, Raheela Javaid, Farah Ahmed. Darchini (<i>Cinnamomum zeylanicum</i> J.Presi)- A potent unani herb with its descriptive parameters of pharmacognosy and pharmacology-A review. Journal of pharmaceutical negative results,13, special issue 9,4138- 4147,2022.ISSN: 0976-9234.
3.	Dr. Rasikh Javaid (Assistant Professor)	<ol style="list-style-type: none"> 1. Rasikh Javaid, Ghazala Javed, Mohd. Aslam, Aisha Siddiqui, Raheela Javaid, Farah Ahmed. Darchini (<i>Cinnamomum zeylanicum</i> J.Presi)- A potent unani herb with its descriptive parameters of pharmacognosy and pharmacology-A review. Journal of pharmaceutical negative results,13, special issue 9,4138- 4147,2022.ISSN: 0976-9234.

7. Students achievements

- a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)
- b. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)
- c. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	NCISM, New Delhi	01	06

5. DEPARTMENT OF ILMUL SAIDLA

1. Head/Director of the Department/Centre/Unit: Prof. (Dr.) S. M. Arif Zaidi (1/04/2022 TO 18/02/2023), Prof. (Dr.) Suhail Fatima (19/02/2023 TO 31/03/2023)

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Seema Rani Associate Professor (Contractual)	MD in Ilmul Saidla and PGDPRA	-
2	Shahid Shah Chaudhary Assistant Professor	MD (Ilmul Saidla)	<ul style="list-style-type: none"> • Incharge, Department of Ilmul Saidla • Incharge, Diploma Unani Pharmacy Course • Assistant Superintendent Exams, SUMER

3. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Shahid Shah Chaudahry	Faculty Development Programme	14-20 th December 2022	organized by Dept. of OBG, SUMER, Jamia Hamdard with UGC-HRDC, JMI & JNU.
2	Shahid Shah Chaudahry	National workshop of CoE on competency development of AYUSH Professionals	(27-29 th July 2022)	CoE in Unani Medicine, BNPL, Jamia Hamdard
3	SEEMA RANI	Faculty Development Programme on New Education Policy 2020	13.12.2022 to 20.12.2022	SUMER, Jamia Hamdard, New Delhi

4. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Faheem A, Siddiqui A, Chaudhary SS , Aslam M, Fatima G.	Waj Turki (Acorus Calamus Linn.): A Pharmacognostical Review with Unani Description. IJBPAS, , 11(8): 3608-3621 (ISSN: 2277-4998 UGC Approved , Web of Science) (Published on August, 2022)
2	Rizwana K, Mohammad A, Chaudhary Shahid Shah , Fahamiya N, Shiffa M.	Nephroprotective Activity of the Hydro-alcoholic, Ethanolic Extract and its Fractions of Tukhme Soya (Anethum sowa Roxb.) against Gentamicin Induced Nephrotoxicity in Albino Rats. J Young Pharm. 2022;14(1):50-5. (ISSN 0975-1483 UGC Approved- WoS). (2022)
3	Seema Rani	Anti-depressant activity of Tiryag-e-arba accepted for Publication in JRIUM

5. Awards and Honours (Awards, fellowships of professional societies/associations)

- 1- Hakeem Ziauddin Zia Allahabadi International Award 2022, by All India Unani Tibbi Congress at New Delhi on 12th Feb., 2023. (Dr Shahid S Chaudhary)
- 2- SAS Best Academician award (Traditional Medicine) 2023, by Scholars Academic & Scientific Society, Assam on 5th Mar., 2023. (Dr Shahid S Chaudhary)

b. Keynote or plenary speaker.

- 1- An **Invited lecture** was delivered on the topic "Importance of Ilmul Saidla in Unani System of Medicine" at Transitional Curriculum Program 2022 for BUMS 1st prof. (9th - 29th Nov 2022) (Dr Shahid S Chaudhary)
- 2- **Speaker in the technical session of** International IASTAM conclave 2022 organized by CoE in Unani Medicine Jamia Hamdard & NESAs (29-30th July, 2022). (Title: Sugar- Based Unani Formulations: An Urgent need of re-designing?) (Dr Shahid S Chaudhary)
- 3- **Speaker in the technical session of** the National Unani Medicine Day 2023 organized by UDMA on 28th Feb 2023 at Jamia Hamdard. (Title: Critical Assessment of Bayaze Kabir: An Authoritative Book of Schedule First) (Dr Shahid S Chaudhary)

6. DEPARTMENT OF MAHIYATUL AMRAZ

1. Head/Director of the Department/Centre/Unit: Dr Mohammad Maaz

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Dr Mohammad Maaz, Associate Professor	MD	Member of placement committee of Jamia Hamdard
2	Dr Roohi Azam, Assistant Professor	MD	Nodal officer of SUMER for NAAC, 2023. Deputed as teacher for teaching the course of 'Introduction to Unani Medicine' to BSc.(Hons.)Nursing IV year students of Rifa'ida college of Nursing, SNSAH, Jamia hamdard.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr Roohi Azam	Faculty Development Programme	14-20 December 2022	SUMER, Jamia hamdard

3. Faculty Development Programmes/Workshops /Induction programmes/Orientation Programmes/MOOCs etc. attended by the Faculty Members.

4. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Dr M Maaz, Associate Professor.	Hijamah(Cupping Therapy): Special Reference to Neuromuscular Disorders : MB, Naleem, Md, Wasi Akhtar ,Yasmeen Shamsi, Farkhunda Jabin, Mohd Maaz.; Chettinad Health City MB Medical Journal, Vol 11, Issue4-2022, Pg-86-91. ISSN NO-2278-2044, UGC-CARE LISTED & Peer Reviewed.
2	Dr Roohi Azam, Assistant Professor	Synthesis of Evidence on Analgesic, Anti-inflammatory And Immuno modulatory Benefits Of Cupping Therapy (Hijamah) :Ansari, S, Praween N, Jilani, S, Jabeen A, Roohi Azam. International Journal Of Biology ,Pharmacy And Allied Sciences(IJBPAS)- Accepted for Publication on 10 th October 2022. ISSN NO-2277-4998, UGC-CARE LISTED Peer Reviewed.

5. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- Dr Muhammad Maaz: Member of Board of studies, D/O Mahiyatul Amraz , AKT Aligarh Muslim University

6. Keynote or plenary speaker.

- **Dr M Maaz:** Delivered an invited lecture on the topic “Role of Unani medicine in lifestyle disorders. ” in 15 days Transitional Curriculum programme for BUMS Ist Prof students for session 2021-2022, organized by SUMER, Jamia Hamdard New Delhi on 15-3-2023
- **Dr M Maaz:** Delivered an invited lecture on the topic ‘Role of asbabe sitta zaroria in health and disease” in National seminar on Role of unani medicine in public health and wellness on 2-2-2023 organised by RRIUM, New Delhi.
- **Dr M Maaz:** Delivered a lecture on” Minimum standard f or establishment of pathology lab” in CME held at department of Ilmul Amraz ,Aligarh Muslim University on 25-5-2022.
- **Dr M Maaz:** Delivered a lecture on Hakeem Abdul Hameed- A great visionary at Tibbi conference headquarters on 14-9-2022
- **Dr M Maaz:** Delivered a lecture on Novel Methods of Diagnosis & Treatment at Tibbi conference headquarters on 14-9-2022
- **Dr M Maaz:** Delivered an invited lecture on the topic “Relevance of Urdu language in Unani system of Medicine ” in 15 days Transitional Curriculum programme for BUMS Ist Prof students for session 2021-2022, organized by SUMER, Jamia Hamdard New Delhi on 14/11/22.
- **Dr Roohi Azam:** Delivered an invited lecture on the topic “Islamic medical ethics” in 15 days Transitional Curriculum programme for BUMS Ist Prof students for session 2021-2022, organized by SUMER, Jamia Hamdard New Delhi on 20-3-2023
- **Dr. Roohi Azam:** Presented an invited Lecture on “Urine Analysis and New Technologies” in National Webinar on” Urine as a diagnostic tool” organized by Department of Mahiyatul Amraz ,NIUM, Bangalore.on 23 June 2022
- **Dr. Roohi Azam:** Delivered an invited lecture on the topic “Urine and its Diagonostic Importance ” in 15 days Transitional Curriculum programme for BUMS Ist Prof students for session 2021-2022, organized by SUMER, Jamia Hamdard New Delhi on 16/11/22..

7. DEPARTMENT OF TAHAFFUZI WA SAMAJI TIBB

1. **Head/Director of the Department/Centre/Unit: Dr Aisha Perveen**

2. **Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Dr. Mohd Akram, Professor	MD	1. Chairman, Mess committee
2	Dr. Aisha Perveen, Associate Professor	MD	1. Member of anti-ragging committee for SUMER, 2. Committee Member for improvement of Majeedia Unani Hospital of obtaining NABH recognition of Majeedia Unani Hospital from 28.03.2023
3	Dr. Shazia S Shamim, Assistant Professor	MD	
4	Dr. Sayeda Shifa Zaidi, Assistant Professor	MD	
5	Dr. Mo Usman, Assistant Professor	MD	

3. **Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)**

4. **Programmes/Courses offered by the Department during 2022-2023**

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	Kamil e Tib o Jarahat	UG(BUMS)	50	
2	Mahir e Tib	PG (MD)	03	03

5. **(a) Research Scholars on rolls (as on 31.03.2023)**

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Saad Shahid	A Study to assess the oral health related knowledge, attitude and practices and efficacy of Unani formulation (Sanoon Post Mughilan) in improving oral health among adults in a locality in Central Delhi	Professor Mohd Akram	Hakeem Abdul Hameed , Fellowship
2	Sania Naaz		Dr Aisha Perveen	Hakeem Abdul Hameed , Fellowship
3	Mohd Hashir		Professor Mohd Akram	Hakeem Abdul Hameed , Fellowship
4	Albana Urooj		Professor Mohd Akram	Hakeem Abdul Hameed , Fellowship
5	Sadaf Fatma		Dr Aisha Perveen	Hakeem Abdul Hameed , Fellowship
6	Shazia Khan			Hakeem Abdul Hameed , Fellowship
7	Ramisha Rajput			Hakeem Abdul Hameed , Fellowship
8	Fatma Zarrin			Hakeem Abdul Hameed , Fellowship

6. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr Aisha Perveen	FDP on ADAPTION AND EXECUTION OF NATIONAL EDUCATION POLICY 2020-FOR EFFECTIVE TEACHING & LEARNING TECHNIQUES"	14 th to 20 December,2022.	Jamia Hamdard
2	Dr Shazia S Shamim	FDP on ADAPTION AND EXECUTION OF NATIONAL EDUCATION POLICY 2020-FOR EFFECTIVE TEACHING & LEARNING TECHNIQUES"	14 th to 20 December,2022.	Jamia Hamdard
3	Dr Shazia S Shamim	Online Course on Health Research	Jan-Mar 23	MOOCS
4	Dr Sayeda Shifa Zaidi	FDP by Electronics and ICT Academy, Indian Institute of Technology, Guwahati	18-29 April 2022	Jamia Hamdard
4	DR MO USMAN	UNANI DAY & INTERNATIONAL CONFERENCE	10-11FEB, 2023	VIGYAN BHAWAN, NEW DELHI
5	DR MO USMAN	COE WORKSHOP 2022	27- 29 JULY	SUMER, JAMI A HAMDARD N DELHI
6	DR MO USMAN	INTERNATIONAL IASTM CONCLAVE 2022	29-30 JULY 2022	SUMER, JAMIA HAMDARD N DELHI
7	DR MO USMAN	ONE WEEK FDP	14 - 20 DEC, 2022	SUMER, JAMIA HAMDARD N DELHI
8	DR MO USMAN	THREE DAYS WORKSHOP	14-16, MARCH2023	IIT DELHI, SONIPAT CAMPUS, KHEWRA, HARYANA

7. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr Mohsin Dehlvi	Innovative Ideas for Entrepreneurs in Unani Medicine	24 th February 2023, Seminar Hall 2 nd Floor, SUMER		90

8. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Professor Mohd Akram	Akram, M., Salman, M., Shahrukh, M., Ishrat, T., & Parvez, S. (2022). Effects of pramipexole on beta-amyloid1-42 memory deficits and evaluation of oxidative stress and mitochondrial function markers in the hippocampus of Wistar rat. <i>Neurotoxicology</i> , 92, 91–101. https://doi.org/10.1016/J.NEURO.2022.07.006
2	Dr Aisha Perveen, Associate Professor	1. Sana ur Reman, Farzana Islam, Aisha Perveen, Daniah Siddiqi; A clinical study to assess the role of Dalak-e-Layyan with Roghne-e-Kahu in mild to moderate cases of Depression: Dogo Rangsang Research Journal , 03 February 2023: Issue 2, volume 13, p57-62, ISSN: 2347-7180 (UGC Care Group Journal)
3	DR MO USMAN, ASSISTANT PROFESSOR AUTHOR	1 A cross sectional study of efficacy of Hepatitis B Vaccine among the resident of town charthawal, Muzaffar nagar UP INDIA, International journal of science and research (IJSR) ISSN: 2319-7064 V 11 ISSUE 6, JUNE 2022, PEER REVIEWED JOURNAL

8. Awards and Honours (Awards, fellowships of professional societies/associations)

Dr Mo Usman: Hakeem Abdul Hameed Young Resercher Award Presented For Contribution As Oral Presenter In The Technichal Session Of IASTM Conclave 2022 Held At Convention Centre, Jamia Hamdard New Delhi On 29-30 July 2022. Title: BP Measurement In Overweight,Underweight And Normal BMI Undergraduate Students Of AKTC, AMU Aligarh: Corelationof Bmi With Blood Pressure

a. Invited as keynote or plenary speaker.**Professor Mohd Akram**

1. "Research Avenues in Complementary and Alternative Medicine exploring Biochemical Molecules", at CIIMS, Nagpur, 23rd January 2023
2. "An overview of Indian System of Medicine and Its Potential in Translational Research", at Indira Gandhi National Tribal University, Amarkantak, 6th February 2023
3. "Evidence Based Health Promotion and Unani Medicine" in Unani Day 2023 organized by Central Council of Research in Unani Medicine, 10th February, 2023
4. "Health Communication: Importance and Utility in Unani Medicine", at H.S.Z.H Govt Unani Medical College, Bhopal, 4th March 2023
5. "Assessment of Education Approaches in Integration with Humanitics, Arts, Sciences & Technologies & NEP 2020" FDP on ADAPTION AND EXECUTION OF NATIONAL EDUCATION POLICY 2020-FOR EFFECTIVE TEACHING & LEARNING TECHNIQUES" organized on 14th to 20 December,2022

Dr Aisha Perveen-

1. Delivered lecture on "Health awareness and relaxation techniques" in 15 days Transitional Curriculum program, organized by School of Unani Medical and Research Education, (SUMER) Jamia Hamdard, New Delhi on 18.11.2022.
2. Delivered lecture on "Goal Setting" in 15 days Transitional Curriculum program, organized by School of Unani Medical and Research Education, (SUMER) Jamia Hamdard, New Delhi from 3-24th March 2023

Dr Shazia S Shamim

1. Lecture on "Ilaj Bil Ghiza" in 15 days "TRANSITIONAL CURRICULUM" program from 9-29 Nov 2022, organized by school of Unani medical education & research, (SUMER), at Jamia Hamdard, New Delhi.
2. Lecture on 'Importance of healthy lifestyle" in 15 days "TRANSITIONAL CURRICULUM" program from 3-24th March 2023, organized by school of Unani medical education & research, (SUMER), at JamiaHamdard, New Delhi.

Dr. Sayeda Shifa Zaidi-

1. Lecture on "An Overview of National Health Programmes" in India in 15 days "TRANSITIONAL CURRICULUM" program from 9-29 Nov 2022, organized by school of Unani medical education & research, (SUMER), at Jamia Hamdard, New Delhi.
2. Lecture on "National Health Programmes" in 15 days "TRANSITIONAL CURRICULUM" program from 3-24th March 2023, organized by school of Unani medical education & research, (SUMER), at JamiaHamdard, New Delhi.

Dr Mohd Usman

1. **Lecture on** Scope of unani system of medicine in emerging disorders on 9 to 29 Nov,2022, at NCISM, New Delhi

8. DEPARTMENT OF ILAJ BIL TADBEER**6. Head/Director of the Department/Centre/Unit: Dr. Farkhunda Jabin****7. Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/Achievements/ Awards, additional charge	Any other information
1.	Dr. Farkhunda Jabin	MD Tahaffuzi wa Samaji Tib	Associate Professor	Head of the Department Since 27 March 2022.	
2.	Dr. Sadia Nikhat	MD Tahaffuzi wa Samaji Tib	Assistant Professor	<ul style="list-style-type: none"> Member Academic Council, Jamia Hamdard Member Board of Studies, Dept. of Ilaj bit Tadbeer, Jamia Hamdard 	

3.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1.	Dr. Farkhunda Jabin Organized Induction program for BUMS 2021- 22 batch.	9-29 Nov. 2022	School of Unani Medical Education and Research , SUMER, Jamia Hamdard	All students of BUMS 1st prof. 2021-22
2.	Dr. Farkhunda Jabin Medical Health Camp on “ Child Health Care and Bone and joint diseases in elderly”	16 th June 2022	A Medical Health Camp was organized by Dept. of Ilmu Atfal and Ilaj bit Tadbeer on 16 June 2022. It was organized in association with Majeedia Unani Hospital, Jamia Hamdard, New Delhi. Team including 11 members smoothly coordinated the camp in which patients were registered from 9:00 am to 2:00 pm	

3.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Farkhunda Jabin	One-week Faculty Development Programme “Adaptation and Execution of National Education Policy 2020- For Effective Teaching and Learning Techniques” . Organized by Dept. of Amraz-e-Niswan wa Qabalat, SUMER, Jamia Hamdard in Collaboration with UGC-HRDC, Jamia Millia Islamia, Supported by JNU, Jean Monnet Project	14th-20th December 2022	SUMER, Jamia Hamdard. New Delhi.
2.	Dr Farkhunda Jabin	International Faculty Development Program on manuscript Drafting for Scopus, WOS, UGC Care List journals and free publication process. Organized by EUDOXIA RESEARCH UNIVERSITY ERU- USA and EUDOXIA Research Centre India on 20- 27th October 2022		
3.	Dr. Farkhunda Jabin	National Workshop of centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology) CoE workshop 2022 , held at HAH auditorium , Jamia Hamdard, New Delhi		
4.	Dr. Sadia Nikhat	One-week Faculty Development Programme “Adaptation and Execution of National Education Policy 2020- For Effective Teaching and Learning Techniques” . Organized by Dept. of Amraz-e-Niswan wa Qabalat, SUMER, Jamia Hamdard in Collaboration with UGC-HRDC, Jamia Millia Islamia, Supported by JNU, Jean Monnet Project.	14th-20th December 2022	Jamia Hamdard, New Delhi
5.	Dr. Sadia Nikhat	Workshop on Approaches to Socio-Legal Research organized by HILSR, School of Law, Jamia Hamdard	17th-21st October 2022	Jamia Hamdard, New Delhi

4. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Shehla Nazir, Zehra zaidi, Uzma bano, Abdul Nasir, Farkhunda Jabin	<i>Suranjan-a potent Anti-arthritis drug of unani medicine for geriatric population. Annals of Geriatric Education and Medical Sciences, ISSN P 2348-7348 July – Dec 2022 Volume: 9 Issue 2.</i>
2.	MB Naleem , Md Wasi Akhtar , Yasmeen Shamsi , Farkhunda Jabin , Mohd Maaz,	<i>Hijamah (Cupping Therapy): Special Reference to Neuromuscular Disorders, Chettinad Health City Medical Journal Volume 11, Issue 4 - 2022, Pg. No. 73-78 (Peer Reviewed & Open Access, UGC Approved Journal).</i>
3.	Dr. Sadia Nikhat, Assistant Professor	Therapeutic and palliative role of a Unani herbal decoction in COVID-19 and similar respiratory viral illnesses: Phytochemical & pharmacological perspective. J Ethnopharmacol. 2022 Oct 28;297:115526. doi: 10.1016/j.jep.2022.115526. (Scopus indexed)

5. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

S. No.		Date	
1.	Dr. Farkhunda Jabin Member committee Examining Body Paramedical Training for Bhartiya Chikitsa, Government of NCT Delhi. (statutory body)	15-6-2022	
2.	Dr. Farkhunda Jabin Appointed as 'Visitor' by National Commission of Indian Medicine NCISM to undertake visitation of existing ASUS college.	on 9&10 may 2023.	
3.	Dr. Farkhunda Jabin Appointed as 'Observer' by National Commission of Indian Medicine NCISM to undertake visitation of existing ASUS college.	On 18.May.2023	

6. Awards and Honours (Awards, fellowships of professional societies/associations)

1. **Dr. Farkhunda Jabin** .Appointed as Organizing Secretary of International Unani Forum (IUF) from 29 Dec. 2023.

7. Keynote or plenary speaker.

2. **Dr. Farkhunda Jabin** - Resource person in Continuing Medical Education (CME) program in Ilaj bit Tadbeer "delivered a lecture entitled " Leech Therapy : A Novel Mode of Treatment "on 11 June 2022 at Ilaj Bit Tadbeer Department , Faculty of Unani Medicine , AMU Aligarh.
3. **Dr. Farkhunda Jabin** - plenary Speaker at National Workshop of centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology) CoE workshop 2022 , held at HAH auditorium , Jamia Hamdard, New Delhi
4. **Dr. Sadia Nikhat.** Invited Lecture on "Cardiovascular Sequelae of COVID-19: Preventive and Prophylactic role of Unani Medicine". At National Seminar on Role of Unani Medicines in Post- COVID-19 conditions. Organized by CCRUM on 24th January 2023 at Jamia Millia Islamia.

8. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1.	Dr. Farkhunda Jabin Jury member in Bellicose : The Clash of words a debate competition, Organized by the literary Club , in collaboration with women development cell, Jamia Hamdard	13 th January 2023.	100		Jamia Hamdard
2.	Dr. Farkhunda Jabin Member Faculty Committee for cricket tournament during Hamdard Sports and Cultural week	6 Feb 2023	200		Jamia Hamdard Sports Complex
3.	Dr. Farkhunda Jabin , Co- Coordinator, Rangoli competition, in Hamdard Sports & cultural week Rangoli	23 Feb 2023	40		Jamia Hamdard

9. DEPARTMENT OF ILMUL ATFAL

1. Head/Director of the Department/Centre/Unit: DR UZMA BANO

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
	Dr Uzma Bano	MD	1. Head , of the department 2. Nodal officer , for GOVT .of NCT of Delhi and Ministry of AYUSH INDIA Incharge for Clinical duties for BUMS students. 3. President Chess & Carrom Club 4. Member Expert Committee for paramedical courses of GNCT of Delhi. 5. Member of NACC Committee criteria IV (infrastructure and learning resources) 6. Incharge to organize health camps with NGOs 7. Member Equal opportunity cell.
	Dr Md Anzar Alam (Transferred/ Shifted to Department of Moalejat, SUMER w.e.f. 19 th April 2023)	PhD	NO

3. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
	PI. Prof M Shahar Yar Co-PI. Dr Uzma Bano	Evaluation of Anti-oxidant and Anticancer Effect of Unani medicine against the Liver cancer: A preclinical study. Funded by CCRUM (Rs47,54,800)	23-12-2020	Dec 2023	Ongoing	2 SRF
	PI. Dr. Yuba Raj Pocharel Co-PI. Dr Uzma Bano	Investigation and validation of the molecular mechanism of Unani medicine in vitro and in vivo for the treatment of Atopic Dermatitis. Funded by CCRUM (Rs46,48,360)	23-12-2020	Dec 2023	Ongoing	2 SRF

4. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Dr. Uzma Bano Associate Professor	In-vitro evaluation of antioxidant, antimicrobial and the anti-inflammatory potential of Rumex hastatus plant extract. International journal of phytomedicine. ISSN No 0975-0185, Mar 2023, Volume : 15, Issue : 1 (Kumar Keshav, Dulta Kanika, Bano Uzma , Khan Azhar)
		Suranjan-A potent antiarthritic drug of unani medicine for geriatric population. Annals of Geriatric Education and Medical Sciences. ISSN No 2348-7240 Dec 2022, Volume : 9, Issue : 2 (Zehra Zaidi*, Shehla Nazir, Uzma Bano, Abdul Nasir, Farkhunda Jabeen)
		Chapter In Process In NCPUL

5. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- **Dr. Uzma Bano. Expert Committee Member** for paramedical courses for Govt of NCT of Delhi

b. Keynote or plenary speaker or Resource Person .

1. **Guest of honor** - All India Unani Federation (AIUF), in_Jamia Millia Islamia New Delhi on **16.10.2022**
2. **Chairperson** - **6th UDMA DAY** (Unani Drugs Manufacturers Association) Jamia Millia Islamia New Delhi on 15.10.2022.
3. **Chairperson** - UNANI DAY on 28th FEB 2022 at JAMIA HAMDARD organized by UDMA.
4. **Resource Person** – Innovation Conclave 22 on 17 Nov. 2022 at Jamia Hamdard.

c. 2023)

10. DEPARTMENT OF MOALAJAT

1. Head of the Department: Prof. Yasmeen Shamsi

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. Asim Ali Khan (EoL)	MD	
2.	Prof. Yasmeen Shamsi	MD	1. Head, Dept. of Moalajat 2. Chairperson, Women Development Cell, Jamia Hamdard
3.	Dr. Azhar Jabeen, Associate Professor	MD	<ul style="list-style-type: none"> • Member IQAC core committee, • Member NIRF, AISHE, NAAC committees Jamia Hamdard • Member, ICC, Jamia Hamdard • Member Mess Committee Jamia Hamdard, • In charge of weekly Departmental Seminar • Warden, AMSH, Jamia Hamdard

4.	Dr. Shazia Jilani, Associate Professor	MD	<ul style="list-style-type: none"> • Assistant Director CTSI, Jamia Hamdard • Member IQAC core committee • Webcell Core Committee Member, Jamia Hamdard • Member Core Committee CSIC, Jamia Hamdard • Nodal Officer, SUMER, for NAAC • Member, Vocational course Core Committee, Jamia Hamdard • Nodal officer, SUMER for DSW office • Incharge, NAAC visit and NCISM visitation, Department of Moalajat, SUMER
5.	Dr. Wasi Akhtar, Assistant Professor	MD	
6.	Dr. Shoaib Ahmad, Assistant Professor	MD	

3. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the Faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Azhar Jabin	National Workshop of Center of Excellence in Unani Medicine on Competency Development of AYUSH professional.	27 th to 29 th July 2022	CoE, Jamia Hamdard
2.	Shazia Jilani	National Workshop of Center of Excellence in Unani Medicine on Competency development of AYUSH professional.	27 th to 29 th July 2022	CoE, Jamia Hamdard
	Shoab Ahmad	One wk FDP organized by the department of OBG, SUMER, in collaboration with UGC-HRDC, JMI	14 th -20 th December 2022	SUMER, Jamia Hamdard

4. Sponsored Projects

4. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
	Co-investigators : Dr Azhar Jabin and Dr. Shazia Jilani	Major research Project entitled "Effect of Unani preparations on macrophage polarization and its role in Increased Browning of fat leading to amelioration of insulin resistance" CCRUM, Ministry of AYUSH, New Delhi.	2018	ongoing	ongoing	

5. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof. Yasmeen Shamsi	<ol style="list-style-type: none"> Naleem MB, Akhtar MW*, Shamsi Y, Jabin F, Maaz M. Hijamah (Cupping Therapy): Special Reference to Neuromuscular Disorders. <i>Chettinad Health City Med J.</i> 2022; 11(4):86-91. (UGC Care List) Khan S, Shamsi Y, Jahangir U, Manjhi M, Akhtar MW. Efficacy of Unani Combination Therapy in the Management of Acne Vulgaris: A Randomised Standard Controlled Study. <i>Chettinad Health City Med J.</i> 2022;11(3):10-16 (UGC Care List) Mehnaz, M., Shamsi, Y., Akhtar, M. W., Zaidi, S., Mohanty, S., & Ahmad, S. An overview of Acne Vulgaris (Busoor Labaniya). <i>CELLMED.</i> 2022. 12(2), 9.1-9.5. Saifi, A., M. Kumari, M. Jahid, M.A. Khan, V.K. Arora, S. Halder, Y. Shamsi, and R.S. Ahmed. "Neuroprotective role of ItrifalMuqawwiDimagh, a Unani formulation in Al[Cl.sub.3] Induced cognitive impairment in Rats." <i>Indian Journal of Clinical Biochemistry</i> 33, no. S1 (2022): S39+. Gale OneFile: Health and Medicine (accessed July 2, 2023). Nasir Jamal, Yasmeen Shamsi, Raisur Rahman, Comparative Assessment of the Efficacy and Safety of Hydroalcoholic Extract versus Crude Form of a Polyherbal Unani Drug in Patients of Hyperuricemia with Acute Gouty Arthritis, <i>International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)</i>, 2022, Vol.11, Issue 12, 5905-5922
2.	Dr. Azhar Jabin, Associate Professor	<ul style="list-style-type: none"> Saba Ansari, Shazia Jilani and Azhar Jabeen. Cupping Therapy (Hijamah): An Ancient Therapy. <i>European Journal of Pharmaceutical and Medical Research</i>, 2022, 9(10), 204-208. Saba Ansari, Nuzhat Praween, Shazia Jilani, Azhar Jabeen, Roohi Azam "Synthesis of evidence on Analgesic, anti-inflammatory and Immunomodulatory benefits of cupping therapy (Hijamah)" <i>International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)</i>, July, 2023, 12(7): 2977-2984

3.	Dr. Shazia Jilani, Associate Professor	<ul style="list-style-type: none"> Saba Ansari, Shazia Jilani and Azhar Jabeen. Cupping Therapy (Hijamah): An Ancient Therapy. <i>European Journal of Pharmaceutical and Medical Research</i>, 2022, 9(10), 204-208. Saba Ansari, Nuzhat Praween, Shazia Jilani, Azhar Jabeen, Roohi Azam "Synthesis of evidence on Analgesic, anti-inflammatory and Immunomodulatory benefits of cupping therapy (Hijamah)" <i>International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)</i>, July, 2023, 12(7): 2977-2984 Shafia Mushtaq, Shazia Jilani, Md Noman, M.A. Jafri, Mohd Asif, Fassihuzaman Physico-Chemical Standardisation of Unani Herbs Used in Polyherbal Formulation for Dandruff. <i>Indo American Journal of Pharmaceutical Research</i>.2022:12(01)
4.	Md. Wasil Akhtar , Assistant Professor	<ol style="list-style-type: none"> Naleem MB, Akhtar MW*, Shamsi Y, Jabin F, Maaz M. Hijamah (Cupping Therapy): Special Reference to Neuromuscular Disorders. <i>Chettinad Health City Med J</i>. 2022; 11(4):86-91. (UGC Care List) Khan S, Shamsi Y, Jahangir U, Manjhi M, Akhtar MW. Efficacy of Unani Combination Therapy in the Management of Acne Vulgaris: A Randomised Standard Controlled Study. <i>Chettinad Health City Med J</i>. 2022;11(3):10-16 (UGC Care List) Mehnaz, M., Shamsi, Y., Akhtar, M. W., Zaidi, S., Mohanty, S., & Ahmad, S. An overview of Acne Vulgaris (Busoor Labaniya). <i>CELLMED</i>. 2022. 12(2), 9.1-9.5.

6. Achievements/Recognitions/Awards received/awarded to faculty members (Pls give details)

- Prof. Yasmeen Shamsi.** "Women Excellence Award-2022", conferred by National Environmental Science Academy, New Delhi on 22nd May 2022.

7. Keynote or plenary speaker.

Prof. Yasmeen Shamsi

- Invited speaker in "CME Programme for Teachers of Mahiyatul Amraz", Department of Mahiyatul Amraz, Faculty of Unani Medicine, AMU, 23-28 May 2022
- Invited speaker in "CME Programme for Teachers of Ilaj bil Tadbeer", Department of Ilaj bil Tadbeer, Faculty of Unani Medicine, AMU, 30 May -03 June 2022

Dr. Azhar Jabin

- Invited speaker/ guest lecture in CME programme for teachers in Department of Ilaj Bit Tadbeer, AKTC, AMU, 4th June, 2022
- Invited speaker in CME Programme for Teachers of Amraz-e-Jild wa Zohrawiya, Department of Amraz-e-Jild Wa Zohrawiya, AKTC, AMU, 24th January, 2022

Dr. Shoaib Ahmad

- Invited speaker in "CME Programme for Teachers of Mahiyatul Amraz", Department of Mahiyatul Amraz, Faculty of Unani Medicine, AMU, 23-28th May, 2022
- Invited speaker in "CME Programme for Teachers, Department of Moalajat, State Unani Medical College & Hospital, Prayagraj, 09-14th May, 2022

11. DEPARTMENT OF JARAHİYAT

1. Head/Director of the Department/Centre/Unit: Prof. SM Arif Zaidi/ Dr. Minhaj Ahmad

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. SM Arif Zaidi Professor	MD (Moalajat)	HoD (till 31.05.2023)
2.	Dr. Minhaj Ahmad Associate Professor	MD (Moalejat)	HoD

4. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	Online Lecture on "Exam stress Strategies and Healthy Tips" on the occasion of International Nursing Day Celebration 2022,	on 19 th May 2022	Department of Ain Uzn Anf wa Halaq (Eye & ENT)	105
2	"When and What to ask While Suggesting Imaging by Prof. (Dr.) Abhinav Jain, HoD of Radiology, HIMSR, Jamia Hamdard, New Delhi.	27 June 2022	in Collaboration with Charak Pharma	110
3	Workshop on "Endoscopic Training in ENT diagnosis"	22 nd December 2022	In Collaboration with Charak Pharma	116
4	Free Medical Health camp at Jamia Nagar Okhla	20 May 2023	Association with Majeedia Unani Hospital	200
5	Free Medical Health camp at Noor Nagar Ext. New Delhi	22 June 2023	Association with Majeedia Unani Hospital in collaboration of ostrich pharma	221

5. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Minhaj Ahmad, Associate professor, SUMER, Jamia Hamdard	International IASTAM, Conclave 2022, Multi Targeted Thearapeutics in Unani and Ayurvedic Medicine & Food Supplement	on 29-30, July 2022. Jamia Hamdard		
2	Dr. Minhaj Ahmad, Associate professor, SUMER, Jamia Hamdard	National workshop of Centre of Excellence in Unani Medicine of Competency Development of AYUSH, professionals	on 27-29, July 2022. Jamia Hamdard		
3	Dr. Minhaj Ahmad, Associate professor, SUMER, Jamia Hamdard	Non Healing Ulcer and its management" in one day National Webinar on Ilmu Jarahat Updates 2022	on 23.04. 2022. NIUM, Bengaluru		
4	Dr. Minhaj Ahmad, Associate professor, SUMER, Jamia Hamdard	Basic Life Support "in 15 days ' Transitional Curriculum Program for BUMS 1 st Prof session 2021-2022' organised by School of Unani Medical Education & Research (SUMER)	on 9 th to 29 th November 2022. Jamia Hamdard, New Delhi		
5	Dr. Minhaj Ahmad, Associate professor, SUMER, Jamia Hamdard	delivered a Lecture on Fifteen Days Transitional Curriculum Program prescribe by national Commission for Indian System of Medicine, Govt. of India	3 rd – 24 th March 2023. SUMER, Jamia Hamdard, New Delhi		

6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Minhaj Ahmad Associate Professor	"The traditional system of Unani medicine, its origin, evolution and Indianisation: A critical appraisal" Indian Journal of Traditional Knowledge Vol 21(3), July 2022, pp 511-521

7. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

Prof. SM Arif Zaidi

1. Chairman, Board of Studies, D/o Eye & ENT, SUMER, Jamia Hamdard, New Delhi.
2. Member Academic Council, Jamia Hamdard
3. Member, BoM, Jamia Hamdard

Dr. Minhaj Ahmad

1. **Medical Superintendent Majeedia Unani Hospital** Jamia Hamdard from 22.04.2021 to till date.
2. Member, Board of Studies, D/o Eye & ENT, SUMER, Jamia Hamdard, New Delhi

12. DEPARTMENT OF AMRAZ-E-AIN UZN, ANAF WA HALAQ

1. Head/Director of the Department/Centre/Unit: Dr. Zehra Zaidi

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
3.	Dr. Zehra Zaidi, Associate Professor	MD (Moalajat)	HoD
4.	Dr. Abdul Nasir, Assistant Professor	MD (Moalejat)	

3(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	BUMS	UG	50	

4.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	Online Lecture on "Exam stress Strategies and Healthy Tips" on the occasion of International Nursing Day Celebration 2022,	on 19 th May 2022	Department of Ain Uzn Anf wa Halaq (Eye & ENT)	105
2	"When and What to ask While Suggesting Imaging by Prof. (Dr.) Abhinav Jain, HoD of Radiology, HIMSR, Jamia Hamdard, New Delhi.	27 June 2022	D/ o Jarahiyat in Collaboration with Charak Pharma	110
3	Workshop on "Endoscopic Training in ENT diagnosis"	22 nd December 2022	D/ o Jarahiyat in Collaboration with Charak Pharma	116
4	Co-Ordinator of 15 Days Transitional Curriculum for ASU-An Initiative of NCISM, GOI by Ministry of AYUSH, GOI	9 th -29 th November 2022	SUMER, Jamia Hamdard	50
5	Co-Ordinator of 15 Days Transitional Curriculum for ASU-An Initiative of NCISM, GOI by Ministry of AYUSH, GOI	3 th -24 th March 2023	SUMER, Jamia Hamdard	50
6	Free Medical Health camp at Jamia Nagar Okhla	20 May 2023	Association with Majeedia Unani Hospital	200
7	Free Medical Health camp at Noor Nagar Ext. New Delhi	22 June 2023	Association with Majeedia Unani Hospital in collaboration of ostrich pharma	221

4.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr. Zehra Zaidi	Two Weeks Online Interdisciplinary Refresher Course on 'Managing Online Classes & Co-Creating MOOCs'	07 th -21 th May 2022	Ramanujan College, Delhi University
2	Dr. Zehra Zaidi	One week faculty development programme on " Adaptation and execution of national education policy 2020-for effective teaching & learning techniques	14-20 December 2022	SUMER, Jamia Hamdard
3	Dr. Zehra Zaidi	National workshop cum hands on training on pharmacovigilance industry practices	16 th feb 2023	Convention Centre Jamia Hamdard
4	Dr. Abdul Nasir	One week faculty development programme on " Adaptation and execution of national education policy 2020-for effective teaching & learning techniques	14-20 December 2022	SUMER, Jamia Hamdard
5	Dr. Abdul Nasir	CME on Unani Medicine on	21 st July 2022	NRIUM, Hydrabad
6	Dr. Abdul Nasir	Three days Faculty development programme on 'Emerging Technologies for education and Research"	30.01.2023 to 01.02.2023 Virtual mode	Coimbatore, Tamil Nadu

5. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Predictive, preventive and personalized medicine-correlation between pharmaceuticals, genetics (next generation sequencing) and Mizaj concepts of Avicenna (Ibn Sina).	Tashkent City on 20 th May 2022-online Presentation.	The V International Scientific and Practical Conference, by Ibn Sino Foundation	150

2	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Asbabe Sitta Zarooriya (Six Essentials of life) of Ibn Sina during pandemic COVID 19-	Meerut on 7 th June 2022	International Conference (EHFSSD- 2022)- Environment, Healthcare, Food Security and Sustainable Development by Shobhit University	200
3	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Aamla As A power herb for Management and Treatment & prevention of Breast Cancer	Online Mode on 22 nd February 2022.	International Conference Series on Integrative Medicine	132
4	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Black Seed Scientific Review for GI Oncology International Conference Series on Integrative Medicine - Carcinoma of lower GIT	22 nd March 2022.” –Online mode		160
5	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Withania somnifera Scientific Review for Prostrate Health -International Conference Series on Integrative Medicine Prostrate Cancer	22 nd April 2022” - Online Mode		140
6	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Mental Health & Unani Medicine in Symposium-Mental Health	Jamia Nagar, New Delhi 21 st May 2022-	Imam Zainul Abedin Charitable Health Clinic, Jamia Nagar, New Delhi	110
7	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	Albizia lebbak- wonder Herb for prevention and management of Cervical Cancer -International Conference Series on Integrative Medicine Cervical Cancer	22 nd May 2022” Online Mode		120
8	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	‘Importance of Early Clinical Exposure for Medical Students’ in 15 days TC for 1 st Prof BUMS – A initiatives of NCISM, Govt. of India	11.11.2022 SUMER, Jamia Hamdard		50
9	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	“Introduction to ENT” in 15 days TC for 1 st pfof BUMS – A initiatives of NCISM, Govt. of India	17.11.2022 SUMER, Jamia Hamdard		50
10	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	“Scope of Ophthalmology in unani” in 15 days TC for 1 st prof BUMS – A initiatives of NCISM, Govt. of India	24.11.2022 SUMER, Jamia Hamdard		50
	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	‘Ear Health in present scenario’ in 15 days TC for 1 st prof BUMS – An initiatives of NCISM, Govt. of India	3-24 march 2023 SUMER, Jamia Hamdard		50
	Dr. Zehra Zaidi, Asso Prof, Jamia Hamdard	‘Skill Learning Through Early Clinical exposure into the pre-clinical years of medical education ‘in 15 days TC for 1 st prof BUMS – A initiatives of NCISM, Govt. of India	3-24 march 2023 SUMER, Jamia Hamdard		50
11	Dr. Abdul Nasir, Ass. Prof, SUMER, Jamia Hamdard	“Role of campus infrastructure in higher institute” in 15 days TC for 1 st pfof BUMS – A initiatives of NCISM, Govt. of India	10.11.2022 SUMER, Jamia Hamdard		50
12	Dr. Abdul Nasir, Ass. Prof, SUMER, Jamia Hamdard	“Importance of hospital in medical teaching institution” in 15 days TC for 1 st pfof BUMS – A initiatives of NCISM, Govt. of India	18.11.2022 SUMER, Jamia Hamdard		50
13	Dr. Abdul Nasir, Ass. Prof, SUMER, Jamia Hamdard	“Development of creative activities among students” in 15 days TC for 1 st pfof BUMS – A initiatives of NCISM, Govt. of India	28.11.2022 SUMER, Jamia Hamdard		50
14	Dr. Abdul Nasir, Ass. Prof, SUMER, Jamia Hamdard	Basic concept of ENT with special reference to Unani Medicine in 15 days TC for 1 st pfof BUMS – A initiatives of NCISM, Govt. of India	3-24 march 2023 SUMER, Jamia Hamdard		50
15	Dr. Abdul Nasir, Ass. Prof, SUMER, Jamia Hamdard	Some Common Unani Drugs used in Eye & ENT Diseases Medicine in 15 days TC for 1 st pfof BUMS – A initiatives of NCISM, Govt. of India	3-24 march 2023 SUMER, Jamia Hamdard		50

6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Zehra Zaidi Associate Professor	A brief study of Nigella sativa (Kalonji): A unique immunomodulator of Unani Medicine-Issues and Developments in Medicines and Medical Research Vol. 4, 2 February 2022:102-109. BP Internationals, London. ISBN-13(15): 978-93-5547-448-3 (Print), 978-93-5547-456-8(eBook)
2.	Dr. Zehra Zaidi Associate Professor	Wajaul Mafasil (OA) in Unani Medicine. Current Overview on Pharmaceutical Science, Vol. 2. 12 January 2023: 1-11. BP International, London. ISBN 978-81-961090-3-5 (Print), ISBN 978-81-961090-3-5 (eBook)
3.	Dr. Zehra Zaidi Associate Professor	Management of Wajaul Mafasil (OA) in Unani Medicine. Current Overview on Pharmaceutical Science, Vol. 2. 12 January 2023: 12-18. BP International, London. ISBN 978-81-961090-3-5 (Print), ISBN 978-81-961090-3-5 (eBook) DOI:https://doi.org/10.9734/bpi/cops/v2/4434E
4.	Dr. Zehra Zaidi Associate Professor	A Single-blind, Placebo-Controlled Clinical trial of local application of Kohl-Chikni Dawa-a Unani Compound formulation in the patients with Corneal Opacity. Asian Journal of Pharmaceutical and Clinical Research. November 2022; 15 (11):47-51.
5.	Dr. Zehra Zaidi (Associate Professor) & Dr. Abdul Nasir (Assistant Professor)	Suranjan-A potent antiarthritic drug of Unani medicine. Ann Geriatr Educ Med Sci 2022; 9(2):40-43
6.	Dr. Zehra Zaidi Associate Professor	Pharmacological study of a Unani compound formulation in Iltehab Tajaweefe Anaf Muzmin (CRS) patients. J Pharmacogn Phytochem. 2023; 12(1):663-667.
7.	Dr. Abdul Nasir Assistant Professor	Determining the Role of Unani Medicine in Management of Tinnitus (Taneen) Chapter 2 in Issues and Developments in Medicine and Medical Research, Vol. 10, published by BP International 2022, Page 8-14 (Print ISBN: 978-93-5547-507-7, eBook ISBN: 978-93-5547-512-1
8.	Dr. Abdul Nasir Assistant Professor	Concept and Therapeutic Approach of Intermediate Hyperglycemia with Special Reference to Unani Medicine, Journal of Pharmaceutical Research International, 34(29A): 1-9, 2022
9.	Dr. Abdul Nasir Assistant Professor	"Comparative Physicochemical Evaluation of Qurse Tabasheer- In-House Preparation and Market Sample" International Journal of Pharmaceutical Sciences Review and Research,77(2), November - December 2022; Article No. 13, Pages: 88-93 ISSN 0976 – 044X

7. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- **Dr. Zehra Zaidi.** Chairman, Board of Studies, D/o Eye & ENT, SUMER, Jamia Hamdard, New Delhi
- **Dr. Abdul Nasir.** Member, Board of Studies, D/o Eye & ENT, SUMER, Jamia Hamdard, New Delhi

8. Awards and Honours (Awards, fellowships of professional societies/associations) Dr. Zehra Zaidi

1. Academic Excellence Award-2022 by The National Gladiolus Trust during International Conference (EHFSSD- 2022)-Environment, Healthcare, Food Security and Sustainable Development held at Shobhit University, Meerut (5-7 th June **2022**)
2. "IESRF Young Researcher Award" by the Innovative Education and Scientific Research Foundation at the 5 th National Editors Summit 2022 on 19 th March **2023**.
3. Research Excellence Award 2022 by Institute of Scholars, IIP in 2022.
4. Best Teaching Award at EEA conference 2022 by Kites kraft on 06 Aug 2022.

13. DEPARTMENT OF AMRAZ-E-NISWAN WA QABALAT

1. Head/Director of the Department/Centre/Unit: Prof Dr. Suhail Fatima

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ additional charge	Any other information
1.	Prof Dr. Suhail Fatima	MD, BUMS, PGDHR, PGDIPR	Professor HOD	Heading in OBG Clinical in Majeedia Unani Hospital International Morning OPD : Monday to Friday along with IPD (9-1 PM)	Co guiding PhD Scholar HIMSR/ Clinical Training to Interns of BUMS, BOT,MOT, PhD scholars SPER, Paramedical and HIMSR
				Award "Sheikh Zayed International Award" Abu Dhabi UAE	Selected and declared in January 2022
2.	Dr Saman Anees	M.D, BUMS	Asst. Professor	Morning OPD :Saturday (9-1 PM) Evening OPD: Monday & Thursday (2-4 PM)	(Contractual: joined in February 2022)

3. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

- Seminars/Symposium/Conferences/Workshops/**Hands-on training /CME/faculty development programmes/Health Awareness Walk/ Free Health Checkup Camp /Induction Programme/organized/** by the Department:
- Innovation Ideas for Entrepreneurs in Unani Medicine, Expert Talk Organized by D/O TST School of Unani Medicinal Education & Research, Jamia Hamdard Organizing Chairperson Prof Dr Suhail Fatima, Dean SUMER Jamia Hamdard. 24.02.2023 IInd Floor SUMER.
- The Department of Amraz e Niswan wa Qabalat organized "**Women's Health Week-2022**" from 31/3/2022 to 1/4/2022. Following events have been executed:

ORGANISED FACULTY DEVELOPMENT PROGRAMME (In Collaboration with UGC, HRDC, JMI and CES JNU)

1. One **week FDP (42 Hours credit)** was organized on "**Adaptation and execution of National Education Policy 2020 for effective teaching and learning techniques**" from December 14th to 20th 2022. **Department of Amraz e Niswan wa Qabalat** in collaboration with **UGC-Human Resource Development Centre**, Jamia Millia Islamia, New Delhi and supported by **JNU Jean Monnet Project** for University teaching faculty in Jamia Hamdard and following 26 Guest lecturers were delivered and 38 teachers participated.
 1. Induction programme on Transitional Curriculum **School of Unani Medical Education and Research REPORT ON PG ORIENTATION PROGRAM 2022-23 1stYear- MD—**
UNANI Duration: 90 Hours (15days) 9.05.2023 to 29.05.2023 May 2023.
 2. **Induction Programme On Transitional Curriculum School of Unani Medical Education and Research REPORT ON UG ORIENTATION PROGRAM 1st Prof Students of BUMS (Prescribed by NCISM) 3rd to 24th March 2023**

4. Invited Lectures/Talks (2022-2023)

Sl. No.	Speaker	Organization	Title/Topic	Date	No of Participants
"To celebrate the Women's Health week" on AZADI KA AMRIT MAHA UTSAV					
1.	Prof. Imam Bano Former Dean/ HOD JLNC, AMU Aligarh	D/o Amraz e Niswan wa Qabalat (OBG) , SUMER Jamia Hamdard	"Interpretation of CTG"	31/03/2022	125
2.	Prof Dr. Abhinav Jain HOD, Radiology, HIMSR, JH	D/o Amraz e Niswan wa Qabalat (OBG) , SUMER Jamia Hamdard	"Imaging in Infertility"	31/03/2022	125
3.	Dr. Ayan Kumar Das Department of Microbiology, HIMSR, JH	D/o Amraz e Niswan wa Qabalat (OBG) , SUMER Jamia Hamdard	"Microbiological aspect of common genital infection"	31.04.2022	125
4.	Prof. Sabina Khan HOD Histopathology, HIMSR, JH	D/o Amraz e Niswan wa Qabalat (OBG) , SUMER Jamia Hamdard		31/3/2022	122

5. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC- CARE listed/Peer Reviewed**1. Paper accepted in Scopus indexed IF 5.9**

Author(s) Hassan, Nazia; Farooq, Uzma; Das, Ayan; sharma, kalicharan; Mirza, Mohd.; **Fatima, Suhail**, singh ,Omana; Ali, Asgar ; Iqbal, Zeenat; Ansari, Mohammad Javed in Journal: ACS Omega Manuscript ID:ao-2022-07718f Title: "In silico guided nanoformulation strategy for circumvention of Candida albicans biofilm for effective therapy of candidal vulvovaginitis"
Manuscript Status: Associate Editor Assigned

5. International Awards:

- Prof. Suhail Fatima:** Received an International Award "The Sheikh **Zayed International Award for Traditional Alternative and Complimentary Medicine 2022** (TACM) for distinguished and outstanding work to improve the quality of life for human health under the category Academic in Unani Medicine "From Lotus Holistic institute under patronage of Sheikh Zayed University ,Abu Dhabi UAE" in an Award ceremony , Abu Dhabi on **10.10.2022**

6. Honours and recognitions: (Guest of Honour)

- Prof. Suhail Fatima** Invited as Guest of honour National Unani Medicine Day **5.03.2023** Hamdard Archives, Jamia Hamdard University, Hamdard Nagar, New Delhi 110062 Org. By **UDMA (Unani Drugs Manufacturers Association)**, India
- Prof. Suhail Fatima** Invited as Guest of honour 2nd World Unani Congress **Heal by Unani Heal in India. March 4-6, 2023** at Jamia Millia Islamia, New Delhi
- Prof. Suhail Fatima** Selected as expert Departmental Screening Committee for awarding of DACP to eligible Doctors at NIUM, Bangalore to be held on 4.10.2022 at 3:00 PM at committee room of Ministry of Ayush Bhavan B- Block GPO complex INA New Delhi 110023
- Prof. Suhail Fatima Scientific Session 1 Theme: Unani Medicine for Global Health Chairs**
- Prof. Suhail Fatima**, Dean, HOD & Professor, Amraz-e-Niswan wa Qabalat, Jamia Hamdard, New Delhi has been you as a member of the Inspection team which is going to cause Inspection of Govt. Unani Medical College Gander bal and other two private Unani Medical Colleges of Kashmir on 09th & 10th March 2022 respectively. You are their Therefore requested to please make it convenient to be a part of the Inspection committee as on expert on make your itinerary as per the following schedule date and time.
- Prof Dr Suhail Fatima** Selected as an expert inspector for **Inspection** of three Unani Medical colleges and hospital Hazrat bal. Kashmir University on **9-10 March 2022**
- Prof Dr Suhail Fatima** has been **chaired** the scientific session on **11.3.2022** in International conference on the occasion of World Unani day by CCRUM at Sri Nagar Kashmir.

7. Keynote or plenary speaker

- Prof Dr Suhail Fatima** Talking Point injustice learning experience 2020 Selected as panelist in Global SDG summit 2022 Panel Discussion "Bridging the Education Gaps" (24-26thFebruary 2022)
- Prof Dr Suhail Fatima** Chief Guest Topic. Positive effect of female socialism on society Day. 1.3.2022 On the occasion of ANNUAL FUNCTION FOR E MAGAZINE AL HADIYA
- Prof Dr Suhail Fatima** Invited Lectures: (Bhartiya Vidya Bhawan Shadra University, Induction Programme 2022 & 2023 (UG)

14. DEPARTMENT OF AMRAZ-E-JILD WA TAZEENIYAT

1. Head/Director of the Department/Centre/Unit: Dr. Umar Jahangir

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Dr. Umar Jahangir, Associate Professor & Head	MD Moalajat	HoD; 30-03-2022 to till date Assistant Proctor; 11-01-2022 onwards Member core committee; 06-08-2021 and Co-Ordinator NAAC Criteria II; 20-10-2021 onwards, Co-Ordinator Internal Audit committee: 18-02-2021 onwards for two years
2	Dr. Shoaib Ahmad, Assistant Professor	MD Moalajat	

3. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr. SHOAIB AHMAD	1 week FDP	14 th -20 th Dec. 2022	SUMER, Jamia Hamdard

4. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Umar Jahangir Associate Professor	Efficacy of Unani Combination Therapy in the Management of Acne Vulgaris: A Randomised Standard Controlled Study. Khan S, Shamsi Y, Jahangir U , Manjhi M, Akhtar MW. Chettinad Health City Med J. 2022;11(3):10-16 (UGC care Listed)
2.	Dr. Umar Jahangir Associate Professor	A Quinquennial Review of Potent LSD1 Inhibitors explored for the treatment of different Cancers, with special focus on SAR studies. Sheikh KA, Iqbal A, Alam MM, Akhter M, Khan MA, Ehtaishamul Haque S, Parvez S, Jahangir U , Amir M, Khanna S, Shaquiquzzaman M. Curr Med Chem. 2023 Jan 30. doi: 10.2174/0929867330666230130093442. Epub ahead of print. PMID: 36718063 (Scopus Indexed)

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Dean :
Prof. Ajay Kumar Singh

This School offers programs in humanities and social sciences. The school has gradually emerged as one of important centres of knowledge promoting multidisciplinary studies. Its stated Vision and Mission are as follows:

VISION

To emerge as a major school of thought on different dimensions of human sciences of knowledge.

MISSION

- To promote alternative studies in the plural domains of knowledge.
- To promote interface studies across disciplines.
- To expand in the emerging fields of knowledge relevant to human civilization in the twenty- first century.
- To promote studies in the field of Islamic Sciences of Knowledge, Human Rights, Politics, Policy and Governance Studies, and new age International Politics.
- To develop professional and academic expertise of students to emerge as leaders in their respective fields of specialization.
- To collaborate with international centres of excellence.

One can hardly overemphasize the fact that the school is committed to promote research and policy studies in the critical areas of national and human development.

Name of the Departments/Academic Units under the School

1. Centre for Federal Studies, Public Policies and Governance
2. Department of Islamic Studies
3. Department of Human Rights
4. Hamdard Institute of International Studies

A. CENTRE FOR FEDERAL STUDIES

1. **Head/Director of the Department/Centre/Unit:** Prof. Ajay Kumar Singh
2. **Faculty members:** (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. Ajay Kumar Singh	Ph.D.	Head & Dean
2.	Dr. Neha Kishore Banka	Ph.D.	
3.	Dr. Khalid Ansari	Ph.D.	

3. Programmes/Courses offered by the Department during 2022-23 4(a)

UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	B.A. (Politics and Governance)	UG	40	49
2.	M.A. (Public Policy and Governance)	PG	25	07
3.	Ph.D. (Federal Studies)	Doctorate	As per availability of seats	02

4 (a)) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Shiv Kumar	Federalism and Disaster Management: A Comparative Study of India and the United States.	Prof. S. Mehartaj Begum	
2.	Vikas Kumar	Federalism and Public Policy : A Comparative Study of Renewable Energy Policy of India and Canada.	Prof. Ajay Kumar Singh	UGC JRF Fellowship
3.	Manvendra Vikram Singh	Centre-State Financial Relations in India: A Study of States' Revenue during GST Regime.	Prof. Ajay Kumar Singh	UGC JRF Fellowship
4.	Nidhi Kumari	Empowering Woman in India: A Case Study of PRIs in North Bihar.	Prof. Ajay Kumar Singh	
5.	Sanjiv Kumar (Part Time)	Governing Indian Railway: Continuity and Changes.	Prof. Ajay Kumar Singh	
6.	Ritu Sharma (Part time)	Role of UN Agencies in the Promotion of Education in Conflict Zones of Syria	Prof. S. Mehartaj Begum	
7.	Akshitta Nagpal	Women Empowerment through Centrally Sponsored Schemes during 2014-2019: A Case Study of Delhi.	Prof. S. Mehartaj Begum	
8.	Roshan Parveez	To be allotted	Prof. Ajay Kumar Singh	
9.	Nibras Danish	To be allotted	Prof. Ajay Kumar Singh	
10.	Shaila (Part Time)	To be allotted	Prof. S. Mehartaj Begum	
11.	Anukrati Katiyar	To be allotted	Prof. Ajay Kumar Singh	UGC JRF Fellowship

4 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of Supervisor
1.	Manohar Lal Rana	Changing Dynamics of Federalism and National Security : A Comparative Study of India and Canada	12-12-2022	Prof. Ajay Kumar Singh
2.	Mazen Ajjan	Role of Media in Syrian Crisis: A Case Study of Al-Jazeera	16-02-2023	Prof. S. Mehartaj Begum
3.	Hamad Moufrrh A. Alnufai	Emerging Patterns of Women Empowerment in Saudi Arabia	06-03-2023	Prof. S. Mehartaj Begum

5. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included) : ON GOING

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
01	Prof. A K Singh	Why Centralisation and Decentralisation in Federations? (Serving as member of the Scientific Team and Expert, Indian Federalism) DcD World Project: Third Phase: 11 Countries Study. Project is led by John Kincaid, USA; and Paolo Dardanelli, UK) Funding Agency: James Madison Charitable Trust, UK	June 2022		Ongoing	None

6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Khalid Ansari Assistant Professor	The Alliance Matrix: Dalit-Muslim Unity or Dalit-Pasmanda Unity?, Economic & Political Weekly, Vol.57, Issue 22, 28 May 2022, ISSN: 2349-8846.
2.	Dr. Khalid Ansari Assistant Professor	Book Review: Transnational Islam: Circulation of Religious Ideas, Actors and Practices between Niger and Nigeria, Africa Review, Brill, 15(1) 2023, ISSN: 0974-4053.

DEPARTMENT OF ISLAMIC STUDIES.

1. Head/Director of the Department/Centre/Unit: Dr. Arshad Hussain

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Arshad Hussain (Associate Professor)	PhD	<ul style="list-style-type: none"> • HoD • Coordinator- DODL, MA (Islamic Studies) • Coordinator- Diploma in Modern Persian Language • Coordinator- Certificate in Modern Persian Language.

2.	Ghulam Yahya Anjum (Professor)	PhD	
3	Safia Amir (Asst.Prof)	PhD	
4	Dr.Abroo Aman Andrabi (Asst.Prof)	Ph.D	<ul style="list-style-type: none"> Coordinator from the SHSS, Industry-Academia Partnership Cell for SHSS, Jamia Hamdard 2022 Coordinator from the SHSS, Newsletter Jamia Hamdard 2022. Coordinator (SPOC) from the school, BLUE PLANET FELLOWSHIPS, (Centre for Teaching Support and Innovations, Jamia Hamdard) 2022 –2023. <ul style="list-style-type: none"> Member: Board of Studies, Department of Islamic Studies, Member, University ECO Club Jamia Hamdard. Member NAAC Committee Criteria V(SSP) Coordinator: All Semester Examination (BA Hons., M.A., & Ph.D (Course Work) in Islamic Studies) for DIS.
5	Dr Sumaiyah Ahmed (Asst.Prof)	Ph.D	<ul style="list-style-type: none"> Warden Girls Hostel
6	Dr Waris Mateen Mazhari (Assist. Professor)	Ph.D	<ul style="list-style-type: none"> Cancellation officer, SHSS, J.H.
7	Dr. Mohammad Ahmad Naeemi (Assist. Professor)	PG, PhD	<ul style="list-style-type: none"> Coordinator: Sufi Centre, Department of Islamic Studies, Jamia Hamdard 2022. Nodal Officer: School of Humanities and Social Sciences Innovations, 2022–2023. Member: Literary club, Jamia Hamdard 2022. Coordinator: Seminars and Conferences, Department of Islamic Studies, Jamia Hamdard 2022-2023
8	Mohammed Fazalur Rehman, Asst. Prof	MA	University Level <ol style="list-style-type: none"> Member Web cell Member EQC/CESD Member Anti Ragging Member Vocational Training School Member Career Counselling Group Member NIRF Member Admission Sub committee In charge Sufi Centre
9	NAJMUS SAHAR, Asst. Professor	PhD	Member, Centre for Studies on Madrasa Education

3. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	BA (Hons.) Islamic Studies	UG	35	36
2	MA Islamic Studies	PG	20	17
3	PhD Islamic Studies	Doctoral		08

4 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Ms. Sufia Khan	Non-violence in the Teachings of Prophet Muhammad and its Contemporary Relevance	Dr. Abroo A.A.	-
2	Mr. Mohd. Fazalur Rehman	Concept of Nation-State in Arab Islamic Thought (1850-1950 CE)	Prof. G.Y. Anjum	-
3	Mr. Azharudeen KS	Concept of Nahy an al Munkar in Islam: A Study in the Contemporary Perspective.	Dr. Arshad Hussain	JRF
4	Mr. Mohd Sadeeq	"The Religious and Social Services of Baba Ghulam Ali Shah Badshah and His Contemporaries"	Dr. Arshad Hussain	-

5	Mohd. Muzaffar Hussain	A study of the fatawa of Jamia Ashrafia Mubarakpur on the SOCIO-Political ISSUES of Indian Mublims	Dr. Waris M. M.	JRF
6	Darakhshan ishrat	"Islami Uloom ke Farogh Mai Al-Jamia-tul Ashrafia Mubarakpur ki Khidmat"(Contribution of al-Jamia-tul Ashrafia Mubarakpur in the promotion of Islamic Sciences)	Prof. G.Y.Anjum	-
7	Sayeeduddin Hamid	A Comparative study of the teachings Of two prominent Sufis of Punjab Sheikh Ali Hujweri and Sheikh mad Sirhindi	Dr. Najmus Sahar	JRF
8	Hafizah Misbah	"A Critical Study of Judgment, Edicts, Fiqh on Bioethical Issues"	Dr. Abroo Aman Andrabi	-
9	Fauzia Ateeq	"Social and Educational Contribution Towards the Indian Muslims: A study of Hakim Abdul Hameed"	Dr. Abroo Aman Andrabi	-
10	Junaid Ahmad Khowaja	" Intellectual Revivalism of Isma'il Raji al-Faruqi and Seyyed Hossein Nasr: A Comparative Study"	Dr. Waris M. M.	-
11	Shama Parveen	"Concept of Parda in the light of Indian Religions (With special reference to Islam, Hinduism and Christianity)	Dr. M.A Naeemi	-
12	Ashraf Ali TA	"Parliament bills on muslim issues after independence and its impact on the community empowerment"	Dr.Najmus Sahar	-
13	Mohd Danish	"Academic and Literary contributions of Sufis of Rohailkhand in the Twentieth Century:An analytical study"	Dr.M.ANaeemi	-
14	Saba Anjum	Takthiri Ma'shree men Muslim awr Ghayr Muslim Ta'alluqat: Sir Sayyid Ahmad Khan, Mawlana Ahmad Raza Khan, Mawlana Abul kalam Azad, awr Mawlana Mawdudi ke afkar ka Tajziyati awr Taqabuli Muta'ala	Dr. Safia Amir	-
15	Mohd. Asif	"Jadeed Iqtesadi aur Tibbi Masail ka Islami hal: Ek Tajziyati Mutala (Islamic Fiqh Academy (India) Aur Sharee Council of India Ky Fiqhi Ara aur faislon ki roshni main"	Dr. Najmus Sahar	JRF
16	Mutiur Rahman	"Uloomi Islamia ki Nashr-o-Ishaat mai Dr.Muhammad Zia ur Rahman Azmi ka Aham Kirdaar: Aik Taziyati Mutaala".	Dr. Abroo Aman Andrabi	-
17	Safiah	"Dr.Muhammad Luqmaan Salafi kay Taleemi, Samaji ore Tasneefi Karnamoo ka aik Tajziyaati Mutaala ore Unn say Istifadah" OR "Seemanchal mai Muslim Khawateen ke Taleem: Maaazi Hall ore Mustaqbil ke Roshninee Mai"	Dr. Abroo Aman Andrabi	-
18	M IsaHashimi	Not finalized.	Dr. Arshad Hussain	-
19	Mohammed Husain	"Taleema Sufia ke Roshini mai Ahad I Hazir kay Samaji wa Taleemi Masail ore un ka Hal: Ek Tajziyati Mutalla".	Dr. Abroo Aman Andrabi	JRF
20	Mohd Daaud Raza	"Islam ore Deegar aham aalami Mazahib mai Wirasat ka Tasavur: Eik Tehqeeqi Mutalla".	Dr. M.A Naeemi	-
21	Neha Rahman	Not finalized.	Dr. Safia Amir	-
22	Nighat Firdous	Not finalized.	Dr. Arshad Hussain	-

4 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Mr. Junaid Ahmad	A Study of the contribution of Eminent Ulama of Rohilkhand in the field of Islamic Jurisprudence during 20 th Century	31.05.2022	Prof. G.Y.Anjum
2	Mr. Safeer K.A.	The Orientalists Critique of <i>Hadith</i> Literature	26.07.2022	Dr. Abroo Aman Andrabi
3	Mr. Nazeer Ahmad	Intellectual and literary Contributions of Sufis of Jammu and Kashmir during the Mughal Period.	29.07.2022	Prof. G.Y.Anjum

		<ul style="list-style-type: none"> One Week Faculty Development Programme on "Adaptation and Execution of Nation Education Policy 2020 Effective Teaching and Learning Techniques" 2022 	One Week (14th – 20th December 2022).	&Research (SUMER), in collaboration with UGC- Please provide all information for the Academic Year 2022-2023* only *(1 st April, 2022 to 31 st March, 2023) Human Resource Development Centre, JamiaMillialslmia, New Delhi Supported by JNU Jean Monnet Project, Centre for European Studies, School of International Studies, Jawaharlal Nehru University, New Delhi from 14th -20th December 2022
3	Dr. Mohammad Ahmad Naeemi	<ul style="list-style-type: none"> Ten Days Peace Education programme 	10 Days 17–31 October 2022	Organized by TPRF, Los Angles, USA in collaboration with the DIS, Jamia Hamdard.
4	Najmus Sahar	<ul style="list-style-type: none"> Referesh course in Oriental studies 	20 Feb 2023 to 04 March 2023	Aligarh Muslim University
5	Dr Safia Amir	<ul style="list-style-type: none"> UGC-Sponsored Online One-Week Programme on Indian Etics and Human Values Workshop on Academic Integrity, One-week Research Methodology Workshop in Social Sciences and Humanities 	2-7 January, 2023 5 December, 2022 31 October-6 November 2022	UGC-HRDC, JMI, New Delhi Maulana Azad National Urdu University, Hyderabad Department of Islamic Studies, BGSB University, J&K

6. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	15 Days " Transitional Curriculum " for ASU – An Initiative of NCISM, Govt. of India.	Basic Principles of Reading and Writing Urdu Language.	09 to 29 November 2022, School of Unani Medical Education & Research, Jamia Hamdard	NCISM, Govt. of India.	50

7. Visits by Distinguished persons/Foreign faculty or delegates to the University/Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
1	Dr. Usha Sanyal	Renowned American Scholar. Visiting Assistant professor of history at Wingate University in North Carolina.	Interaction with Faculties	Department of Islamic Studies,	10.10.2022

NIL					
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8. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications				
		Title	Author	Journal name, Volume, date	ISBN No.	UGC- Care Listed/ Peer Reviewed
1	Dr. Abroo Aman Andrabi, Assistant Professor. Total Publications (1 st April 2022 - 31 March 2023) : 04	Islamic Perspective of Plagues and Pandemics	Single Author	International Journal of Humanities Social Sciences and Education (IJHSSE) April 2022 Volume 9, Issue 4 Pages 41-50	ISSN 2349-0373 (Print) & ISSN 2349-0381 (Online)	UGC Listed/ Peer Reviewed
		"The Indian Pluralistic Society and the Tolerance of Pluralism in Islam"	Single Author	Journal of the Asiatic Society of Mumbai, Vol. 96, No.10 (I) October 2022 Pages 141 - 146	ISSN: 0972-0766 Impact Factor: 3.947	UGC CARE Group 1 Journal
		"Madrassa Education for Girls in Kashmir: Issues and Challenges"	Single Author	Journal of the Oriental Institute Maharaja Sayajirao University of Baroda, Vol. 71, Issue. 04, No. 10 October, 2022 Pages 1- 7	ISSN: 0030-5324 Impact Factor: 5.1	UGC CARE Group 1 Journal
		Islamic Teachings on Environmental Sustainability	Single Author	Book Chapter in Edited Book "Islam and Environment Ethics, Theories and Practices" by SH Institute of Islamic Studies, University of Kashmir, Srinagar, Kitab Mahal Publisher, New Delhi India, 2023. Pages: 212 - 224	ISBN: 978-93-87244-50-4	

2	Dr Waris Mateen Mazhari Assist. Proppessor	Title	Author	Journal name, Volume, date	ISBN No.	UGC- Care Listed/ Peer Reviewed
		1. Shibli ki Kalami Fikr Aur Uska Manhaj: Ek Tajziati Mutala,	Single Author	Al-Azwa , Shaikh Zaid Islamic Centre, University of Panjab, Lahore, Jan-June, 2023 Volume 38, Issue, 59, 2023	ISSN 2415-0444; E 1995-7904	Peer reviewed journal.
		2. Sir Sayyed Ki Kalami Fikr Aur uska Manhaj: Ek Tajziati Mutala	Single Author	Quarterly Tahqeeqat e Islami, Aligarh, Jan-March, 2023	, ISSN: 2321-8339	-
		3. Ibn e Hazm Andulusi Ka Nazarye e Akhlaq: Ek Mutala,	Single Author	'Maarif', Darul Musanifeen, Azamgarh, Up. (Nov, 2022). Vol-p.41-52	(ISSN, 0974-7346)	UGC-Care Listed
		4. Ulma and Angrezi Zaban-0-Taleem se Mutaalliq un ka Mauqif: Ek Mutala"	Single Author	'Maarif', Darul Musanifeen, Azamgarh, Up. (Nov, 2022). Vol. p.41-52	ISSN: 23953640	UGC-Care Listed
3	Dr. Mohammad Ahmad Naeemi, Assistant Professor,	Title	Author	Journal name, Volume, date	ISBN No.	UGC- Care Listed/ Peer Reviewed
		Hindu Mazhabi Kitabon me khwatin: ek Tajziati Motala	Single Author	Majalla Derasat-e-Diniyah (Journal of Theological Studies) Faculty of Theology Aligarh Muslim University , Aligarh	978-93-91456-33-7	
4	NAJMUS SAHAR Assistant Professor,	1. Maryam Jameelah: America se Pakistan tak	Single Author	in Tahzibul Akhlaq, Aligarh Muslim University , Aligarh April 2022, p43-49,	ISSN: 23482257	

a. 9. Awards and Honours (Awards, fellowships of professional societies/associations)

- Dr. Abroo Aman Andrabi,
 1. Honoured with the First Prize in the report writing competition on NEP 2020, in One Week Faculty Development Programme on "Adaptation and Execution of Nation Education Policy 2020 Effective Teaching and Learning Techniques" 2022, Organized by (SUMER), UGC-Human Resource Development Centre, JMI, New Delhi Supported by JNU Jean Monnet Project, SIS, JNU, New Delhi from 14th -20th December 2022.
 2. Honoured with the Certificate of Appreciation from the Blue Nudge-DRIIV DEEP C Fellowship 2022 – 23, for being instrumental in the overall success of the fellowship.
 3. Honoured with the Certificate of Appreciation to preside over the session in the International Seminar on "Contribution of Muslim Women to Science & Technology" by the Department of Islamic Studies, Aligarh Muslim University, Aligarh, 18th March 2023.

9. Keynote or plenary speaker.

- Dr Abroo Aman Andrabi
 1. Lecture Delivered: “Creating an Ethical & Innovative Personality for Peace and Harmony” in Fifteen Days Transitional Curriculum Program prescribed by (As per National Commission of Indian System of Medicine, Govt of India from 3rd – 24th March 2023, at School of Unani Medical Education & Research (SUMER), Jamia Hamdard, New Delhi.
 2. Resource Person/ Delivered a lecture on “Entrepreneurship Skill, Attitude & Behaviour Development”, a workshop by the Institution’s Innovation Council, Ministry of Education held at Jamia Hamdard.
- Dr Waris Mateen Mazhari
 1. Topic-The Development of Muslim Philosophy in the Abbasid period and its Impact on Islamic Thought’ Date : Venue: 23/02/2023, Department of Islamic Studies, Jamia Millia Islamia, New Delhi
- Dr Mohammed Fazalur Rehman

Invited by AMU, Aligarh as a Keynote speaker, Seerat un Nabi Lecture, on 20.03.2023
- Dr Safia Amir

Addressed the valedictory session in the ‘Two-Day National Seminar (Online) on Impact of Sufi Movement on Indian Culture,’ Department of Islamic Studies, AMU, Aligarh, 27-28 March 2021.

10. Students achievements

- b. **Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)**
 - JRF- 05
 - NET- 01

(A) (C) DEPARTMENT OF HUMAN RIGHTS**1. Head/Director of the Department/Centre/Unit: Prof. Syed Mehartaj Begum****2. Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. Syed Mehartaj Begum Professor & Head	Ph.D.	1. Incharge of Hamdard Institute of International Studies. 2. Member, on the Board of Management of Jamia Hamdard w.e.f. 26-10-2022. 3. Member, School Student Grievance Redressal Committee (SSGRC), Jamia Hamdard (From February 14, 2022 to till date) 4. Member, Board of Studies for M.A. Public Policy and Anthropology course Sri Padmavati Visvavidyalayam (Women's University), Tirupati. (Andhra Pradesh) from 19-09-2022 to 18-09-2024. 5. Member, Governing Body of Dyal Singh College, University of Delhi from 05-10-2022 to 04-10-2023. 6. Member, the Governing Body of P.G.D.A.V. College, University of Delhi from 09-09-2022 to 08-09-2023.
2.	Dr. Faisal Mahmood Assistant Professor	Ph.D.	Faculty level Anti-ragging Squad; Paper Setter and Examiner; School level Admission Committee member
3.	Dr. Shazia Parween Assistant Professor	Ph.D.	Faculty level Anti-ragging Squad; Paper Setter and Examiner

3. Programmes/Courses offered by the Department during 2022-2023**4(a) UG/PG/Doctorate level**

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	M. A. (Human Rights)	PG	25	41
2.	Ph. D. (Human Rights)	Doctoral	As per availability of seats	-

4. New programme(s)/Courses launched during 2022 – 2023:

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Enrollment in the year
1	Ph. D. (Human Rights)	Doctoral	As per availability of seats	-

5 (a) Research Scholars on rolls (as on 31.03.2023) :

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Shiv Kumar	Federalism and Disaster Management: A Comparative Study of India and the United States.	Prof. S. Mehartaj Begum	-
2	Ritu Sharma (Part time)	Role of UN Agencies in the Promotion of Education in Conflict Zones of Syria	Prof. S. Mehartaj Begum	-

3	Akshitta Nagpal	Women Empowerment through Centrally Sponsored Schemes during 2014-2019: A Case Study of Delhi.	Prof. S. Mehartaj Begum	-
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5 (b) PhD Degrees awarded (as on 31.03.2023):

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Mazen Ajjan	Role of Media in Syrian Crisis: A Case Study of Al-Jazeera.	16-02-2023	Prof. S. Mehartaj Begum
2	Hamad Moufrrh A. Alnufaie	Emerging Patterns of Women Empowerment in Saudi Arabia	06-03-2023	Prof. S. Mehartaj Begum

5. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Prof. S. Mehartaj Begum	India and the World: Challenges and Opportunities	27 th – 28 th Feb, 2023	Department of Political Science, Aligarh Muslim University
2	Dr. Faisal Mahmood	National Seminar on India and the World	27 th – 28 th Feb, 2023	Aligarh Muslim University, U.P

7. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof. Syed Mehartaj Begum	<ol style="list-style-type: none"> Syed Mehartaj Begum & Akshitta Nagpal “Women Financial Empowerment through Entrepreneurship in India: A Case Study of Women Entrepreneurs in Food Industry” Published in International Journal of Food and Nutritional Sciences, Volume 11, Issue 5, ISSN: 2320-7876, 2022, pp. 296-302. Syed Mehartaj Begum & Akshitta Nagpal “Political Empowerment of Women: A Road to Good Governance” Published in International Journal of Food and Nutritional Sciences, Volume 11, Issue 12, ISSN: 2320-7876, 2022, pp. 4262- 4276 Syed Mehartaj Begum & Hammad Alnufaie “The role of Women Empowerment in the successful implementation of development plans the case of Saudi Arabia,” Published in Journal of Education: Rabindra Bharati University, ISSN: 0972-7175, Impact Factor: 5. 8, Volume XXV, No:2 (I), 2022. UGC CARE, A Peer Reviewed and Refereed Journal.

7. (a) Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR)

1. **Hon'ble Vice-Chancellor nominated as Member of the Advisory Committee** to Directorate of Distance Education, YogiVemana University, Kadapa, **for a period of two years (09-03-2023 to 08-03-2025).**
2. **University Grants Commission nominated as Member of the Expert Committee** to evaluate the performance and academic attainments for the Extension of Autonomous Status to **K.G.R.L. College, Bhimavaram, West Godavari Dist., -534 201, affiliated to Adikavi Nannaya University, Rajahmundry, Andhra Pradesh, for a period of six years (2016-2022).**
3. **University Grants Commission nominated as Member of the Expert Committee** to evaluate the performance and academic attainments for the Extension of Autonomous Status to the **College Thassim Beevi Abdul Kader College for Women, affiliated to Alagappa University, Tamil Nadu, for a period of six years (2016-17 to 2022-23).**

7(b) Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

- i. **Member, on the Board of Management of Jamia Hamdard w.e.f. 26-10-2022.**
- ii. **Member, School Student Grievance Redressal Committee (SSGRC), Jamia Hamdard (From February 14, 2022 to till date)**
- iii. **Member, Madrasa affiliation Committee, Hamdard University w.e.f. 2021 to till date.**
- iv. **Member, Sun Pharma Ethics Committee**
- v. **Member, Board of Studies for M.A. Public Policy and Anthropology course Sri Padmavati Visvavidyalayam (Women's University), Tirupati. (Andhra Pradesh) from 19-09-2022 to 19-09-2024.**
- vi. **Member of the Academic Council for a term of three Years.**
- vii. **Member, the Governing Body of Dyal Singh College, University of Delhi for a period of Two years with effect from 05-10-2021 to 04-10-2023.**
- viii. **Member, the Governing Body of P.G.D.A.V. College, University of Delhi for a term of Two years with effect from 09-09-2021 to 08-09-2023.**
- ix. **Member, Equivalence Committee, Jamia Hamdard, New Delhi (From February 15, 2021 to till date)**

8. Students achievements

Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)

4. Ahmad Nawaz
M.A. (Human Rights)

HAMDARD INSTITUTE OF INTERNATIONAL STUDIES:**Head/Director of the Department/ Prof. M. Afshar Alam****1. Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Dr. Ariba Jalal (Assistant Professor)	PhD	
2.	Masih Ullah Khan(Assistant Professor)	PhD	

2. Programmes/Courses offered b the Department during 2022-2023**4(a) UG/PG/Doctorate level**

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	M.A.(International Studies)	PG	15	6

SCHOOL OF MANAGEMENT AND BUSINESS STUDIES (SMBS)

Name of the Dean(s):

Prof. (Dr.) Shibu John
(April 2022 to 8th Sept 2022) **Prof.**
(Dr) Reshma Nasreen (9th
September onwards)

School of Management and Business Studies was established in the year 1998. Under this School, there are three Departments namely, Department of Management, Department of Healthcare and Pharmaceutical Management and Department of Hotel Management & Catering Technology. The Department of Management commenced in the year 1998 with the program of two year MBA course. At present, apart from the MBA, the department is offering BBA, B.Com (Hons), PhD (Management) and Executive PhD etc. The Department has bifurcated in the year 2016 into two, namely, Department of Management and Department of Healthcare and Pharmaceutical Management. Department of Healthcare and Pharmaceutical Management offering MBA (Health and Hospital Management) MBA Pharmaceutical Management, PhD in Health Management and PhD in Pharmaceutical Management. Further one more Department has been added under the School of Management and Business Studies in the year 2019 namely, Department of Hotel Management and Catering Technology. Under this Department, introduced UG programme presently i.e. Bachelor of Hotel Management and Catering Technology.

1. DEPARTMENT OF MANAGEMENT STUDIES:**Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Prof. Pravat Kumar Sahoo	Pharmaceutical Management	Pharmaceutics	Director, DIPSAR
2.	Prof. Sunita Singh Sengupta	Management	Management	Professor, FMS, DU
3.	Dr. Ashok K Agarwal	Department of Health Management	Health Sciences	Professor, IIMR, Dwaraka, Delhi
4.	Prof. Kanhaiya Singh	Department of Management	Finance & Accounts	Professor, GLA University
5.	Dr. Rakshita Sharma	Department of Management	AI	
6.	Mr. M. Sidhakar	Department of Healthcare and Pharmaceutical Mgmt	Health Systems, Personal Health	Head Regulatory, Govt Affairs

DEPARTMENT OF MANAGEMENT STUDIES:**1. Head/Director of the Department/Centre/Unit: Dr. Sana Beg****2. Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Prof. (Dr.) Reshma Nasreen, Professor	Ph.D	DSW, Research Committee Member, Student welfare/Grievance Handling/ Counselling committee/ Overall development/Anti Ragging Committee Member
2	Dr. Syed Nadimul Haque, Professor	Ph.D	Head of the Department of Hotel Management and Catering Technology, Research Committee Member, Student welfare/Grievance Handling/ Counselling committee/ Overall development/Anti Ragging Committee Member, Member of BOM, Member of CPC.
3	Dr. Sana Beg, Associate Professor	Ph.D	Head of the Department of Management, Research Committee, /Anti Ragging Committee Member Placement/Industry Interface Committee Convenor, Member of the University Mess Committee, Member of the Equal Opportunity Cell of the University
4	Dr. Md. Shahnawaz Abidin, Associate Professor	Ph.D	Research committee Member, Ph.D Coordinator, Student welfare/Grievance Handling/ Counselling committee/ Overall development, Examination Committee Member, Department Disciplinary Committee, Admission Committee for Ph.D., Alumni Networking Cell.
5	Dr. Syeedun Nisa, Associate Professor	Ph.D	Deputy Provost (Girls), Convener of Industry Academia Partnership Cell, University Committee Member for NIRF, NAAC, AISHE, Anti-Ragging Squad Member, Hony. Director of Center for Training & Development, Research Committee Member, Ph.D Examination, Convenor of Departmental Quality Cell, Examination Committee, Cultural and Sports, MBA (3 rd Sem)- IB Class Coordinator, MBA (2 nd Sem)- IB Class Coordinator, Student welfare/Grievance Handling/ Counselling committee/ Overall development/Anti Ragging Committee Member

6	Dr. Noria Farooqui, Assistant Professor	Ph.D	Deputy Foreign student advisor, Student welfare/Grievance Handling/ Counselling committee/ Overall development, Examination Committee Member, Convenor of Syllabus Revision Committee, Student welfare/Grievance Handling/ Counselling committee/ Overall development, Examination Committee Member, Course and Curriculum Development Committee
7	Dr. Nudrat Moini Rahman, Assistant Professor	Ph.D	Examination Committee Member, Syllabus Revision Committee Member, BBA (3 rd Sem) Section B Class Coordinator, MBA 3 rd Sem Entrepreneurship Class Coordinator, MBA (2 nd Sem)- Entrepreneurship Coordinator, MBA 3 rd Sem Marketing Coordinator, Infrastructure Committee, Cultural and Sports, Student welfare/Grievance Handling/ Counselling committee/ Overall development/Anti Ragging, Examination Committee Member, Department Disciplinary Committee, MBA 4 th Sem Marketing Coordinator
8	Dr. Sadaf Siraj, Assistant Professor	Ph.D	Member Core Committee involved in data compilation for NAAC, NIRF, AISHE, QS-1- Gauge, Departmental Quality Cell Member, MBA (4 th Sem)- Marketing Class Coordinator, MBA 3 rd IB Coordinator, Cultural and Sports, Student welfare/Grievance Handling/ Counselling committee/ Overall development/Anti Ragging, MBA 4 th IB Coordinator
9	Dr. Abdullah, Assistant Professor	Ph.D	Examination Committee Member, Member of Syllabus Revision Committee, University Webcell Committee Member, B.Com 3 rd Sem Coordinator, B.Com 4 th Sem Coordinator, Department Data Cell, Document Verification, Conference/Seminars/FDPs, Department Quality Cell
10	Dr. Mohammad Jamshed, Assistant Professor	Ph.D	Admission Committee Member, Placement Committee Member, BBA Program Coordinator - CDOE, MBA (3 rd Sem)- Operation Management Class Coordinator, MBA (2 nd Sem)- Operation Management Class Coordinator, Conference/Seminars/FDPs, Universal Human Values Committee/ Committee for outreach activity and best practices, Inter Department Liaison Officer, BBA 4 th Sem Sec B coordinator, BBA 3 rd Sem Sec B Coordinator, Placement/Industry Interface
11	Dr. Asad Ahmad, Assistant Professor	Ph.D	Examination Committee Member, Placement/ Industry Interface Coordinator, Admission Committee Member, Cultural and Sports, Department Disciplinary Committee, Cultural and Sports, Conference/Seminars/FDPs, Document Verification, BBA 2 nd Sem Sec A Coordinator, BBA 1 st Sec A Coordinator
12	Dr. Matloob Ullah Khan, Assistant Professor	Ph.D	Ph.D Verification & Documentation, Admission Committee Member, Syllabus Revision Committee Member, B.Com (1 st and 3 rd Sem) Class Coordinator, MBA (2 nd Sem)- Finance Class Coordinator, Examination Committee, Course Curriculum Development Committee, MBA 4 th Finance Coordinator
13	Ms. Ayisha Shaikh, Assistant Professor	MBA	Time Table, Examination Committee, Cultural and Sports Committee Member, MBA (1 st Sem) Section A and B Class Coordinator, MBA (2 nd Sem) Section A Class Coordinator.
14	Mr. Kapil Matta, Assistant Professor	MBA	Quality Cell Member, Syllabus Revision Committee Member, BBA (1 st Sem) Section B Class Coordinator, BBA (4 th Sem) Section A Class Coordinator, Examination Committee
15	Ms. Manpreet Kaur Kohli, Assistant Professor	MBA	Member Badminton Club, Placement/ Industry Interface Coordinator, BBA (1 st Sem) Section C Class Coordinator, BBA (6 th Sem) Section C Class Coordinator.
17	Dr. Shikha Gera, Assistant Professor	Ph.D	Ph.D Verification & Documentation, Examination Committee Member, BBA (1 st Sem) Section A Class Coordinator, BBA (4 th Sem) Section B Class Coordinator.
18	Dr. Fakhra Naeem, Assistant Professor (Contractual)	Ph.D	Examination Committee Member, Placement/ Industry Interface Coordinator, BBA (3 rd Sem) Section C Class Coordinator, MBA (3 rd Sem)- HR Class Coordinator, MBA (2 nd Sem)- HR Class Coordinator.

20	Dr. Sna Farooqi, Assistant Professor (Contractual)	Ph.D	Time Table Committee Member, Syllabus Revision Committee Member, BBA (1 st Sem) Section D Class Coordinator, BBA (Integrated 3 rd Sem and 5 th Sem) Class Coordinator, BBA (6 th Sem) Section A Class Coordinator.
21	Dr. Faizan Khan Sherwani, Assistant Professor (Contractual)	Ph.D	BBA (Integrated 4 th Sem) Class Coordinator, Examination Committee, Document Verification, BBA 2 nd Sem Coordinator, B.Com 1 st Sem Coordinator
22	Dr. Mohd. Shafeeq, Assistant Professor (Contractual)	Ph.D	Admission Committee Member, MBA (2 nd Sem) Section B Class Coordinator, Alumni Networking Cell, Document Verification, MBA 2 nd Sem Sec B Coordinator, MBA 1 st Sem sec B Coordinator.
23	Dr. Mansoor Ahmad, Assistant Professor (Contractual)	Ph.D	Admission Committee Member, BBA 6 th Sem Sec C Coordinator, Internal Quality Cell,.
25	Dr. Vardah Saghir, Assistant Professor (Contractual)	Ph.D	Admission Committee Member, BBA (2 nd Sem) Section D Class Coordinator, Alumni Networking Cell, B.Com 6 th Sem Coordinator, B.Com 5 th Sem Coordinator,
26	Ms. Farzana, Assistant Professor (Contractual)		Examination Committee, Quality Cell Member, Infrastructure Committee, Document Verification,
27	Dr. Saleh Ahmed Mozumder, Assistant Professor (Contractual)	Ph.D	Admission Committee, Revision of Syllabus, BBA 4 th Sem Sec A Coordinator, BBA 3 rd Sem Sec A Coordinator,
28	Dr. Babar Ali Khan, Assistant Professor (Contractual)	Ph.D	Course Curriculum and Development Committee, Conference/Seminars/FDPs, B.Com (2 nd Sem) Class Coordinator, Cultural and Sports, Universal Human Values Committee/ Committee for outreach activity and best practices, Infrastructure Committee, Document Verification, BBA 4 th Sem Sec D Coordinator, Department Placement Cell, Placement/Industry Interface, BBA 3 rd Sem Sec D Coordinator, B.Com 2 nd Sem Coordinator
29	Dr. Waseem Khan, Assistant Professor (Contractual)	Ph.D	Course Curriculum and Development Committee, Department Data Cell, Conference/Seminars/FDPs, Document Verification, BBA 2 nd Sem Sec B Class Coordinator, Internal Quality Cell, BBA 1 st Sem Sec B Coordinator
30	Mr. Syed Zakir Hussain, Assistant Professor (Contractual)	Ph.D.	Admission Committee Member, Course Curriculum and Development Committee, Document Verification, BBA (Integrated 6 th Sem) Class Coordinator, Revision/Updation of Syllabus, BBA 5 th Sec C Coordinator,
31	Dr. Arif Anwar, Assistant Professor (Contractual)	Ph.D	Admission Committee Member, Course Curriculum and Development Committee, Department Data Cell, Department Placement Cell, Conference/Seminars/FDPs, Document Verification, BBA 4 th Sec C Coordinator, Placement/Industry Interface, BBA 1 st Sec C Coordinator, BBA 2 nd Sec C Coordinator
32	Dr. Khushboo Bhasin, Assistant Professor (Contractual)	PhD	Department Data Cell, BBA 6 th Sec B Coordinator, Admission Committee, Course Curriculum and Development Committee

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
2.	Prof. Sunita Singh Sengupta	Management	Management	Professor, FMS, DU
4.	Prof. Kanhaiya Singh	Department of Management	Finance & Accounts	Professor, GLA University
5.	Dr. Rakshita Sharma	Department of Management	AI	

4. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	BBA	UG	180	216
2.	B.Com	UG	60	59
3.	MBA	PG	120	131
4.	PhD	Doctoral	As per the vacant position	Full Time- 13 Part Time- 6

5 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Abdul Kayum	A Study for Leveraging Universal Service Obligation Fund Subsidy for Broader Digital Inclusion in India "	Dr. Md. Shahnawaz Abdin	No
2	Abdula Rahman	Not Finalized	Dr. Mohammed Jamshed	No
3	Abhinav Gupta	Not Finalized	Prof. (Dr.) Reshma Nasreen	No
4	Akansha	Not Finalized	Dr. Mohammed Jamshed	No
5	Akriti Chugh	Study on Personality and Psychological Traits influencing Entrepreneurial Orientation.	Dr. Shikha Gera	No
6	Anil Kumar	Not Finalized	Dr. Syed Nadimul Haque	No
7	Anil Kumar	Not Finalized	Dr. Abdullah	No
8	Areeba Khan	The state of food Insecurity Analyzing the Issues and Challenges in public Distribution System . A study from Uttar Pradesh.	Dr. Noria Farooqui	No
9	Ashok Kumar Mishra	Not Finalized	Dr. Mohammed Jamshed	No
10	Ayisha Shaikh	An Assessment of the Risk - Taking Behavior of Individual Investors in Delhi NCR	Dr. Matloob Ullah Khan	No
11	Fariya Akbar Ansari	Not Finalized	Dr. Syed Nadimul Haque	No
12	Haider Ali Khan	"Optimal Policies For Stochastic Inventory Models Under Supply Chain Management".	Prof. (Dr.) Reshma Nasreen	No
14	Kapil Matta	Not Finalized	Dr. Matloob Ullah Khan	No
15	Khushnuma Khan	To Study the Mining Process,Trend Analysis and Investor Perception toward Cryptocurrency"	Dr. Matloob Ullah Khan	No
16	Kiran	Not Finalized	Prof. (Dr.) Reshma Nasreen	No
17	Laxmi	A study of private labels	Dr. Noria Farooqui	No
18	Maharshi Samanta	brands in Apparel Sector	Dr. Syed Nadimul Haque	No
19	Manisha	in Delhi NCR	Dr. Matloob Ullah Khan	yes
20	Mansi Ahuja	Not Finalized	Dr. Syeedun Nisa	No
21	Mariya Ali	Study of Values & Motivators Impacting Consumer Intention Towards Sustainable Fashion Consumption: An Integrated Framework	Dr. Sadaf Siraj	No
22	Mazen Nasri			
23	Mohammed Junaid Rizvi	Consumer's Intention to Adopt Crypto Currency: Empirical Evidences from India	Dr. Asad Ahmad	No
24	Mohd.Tanveer Ansari	Marketing	Dr. Md. Shahnawaz Abdin	No

		and IB		
25	Neha Gupta	Study of change in individual Investment Behaviour in Delhi NCR.	Dr. Matloob Ullah Khan	yes
26	Neha Makkar	A study of MSMEs in mJOR Indian cities.	Dr. Nudrat Moini Rahman	No
27	Neha Sagar	A Study in some selected companies of Delhi/NCR	Dr. Syed Nadimul Haque	No
28	Pankaj Kumar	Savings and Investment Behaviour during -19: A Study of Individual Investors in Delhi NCR	Dr. Sana Beg	yes
29	Praveen Sewta	Not Finalized	Dr. Sana Beg	No
30	Preeti Sharma	Not Finalized	Dr. Syed Nadimul Haque	No
31				
32	Rahisha	Not Finalized	Dr. Mohammed Jamshed	No
33	Rahul Kumar	"Durable Product Purchase Behaviour of Rural Consumers of Western Uttar Pradesh".	Dr. Md. Shahnawaz Abdin	No
34	Raza Quadir	Not Finalized	Dr. Shikha Gera	No
36	Ruchi	Not Finalized	Dr. Nudrat Moini Rahman	No
38	Sana Parveen	"Privatisation of Indian Banking Industry: Assessing Potential Benefits"	Dr. Sana Beg	yes
39	Saurabh Kumar Bharti	Impact of ASEAN- India Free Trade Agreement: Current Status and Future Perspectives"	Dr. Syeedun Nisa	No
40	Seema Choudhary	"Role of Psychological Capital (PsyCap)and positive Emotions on Mental well-being "	Dr. Shikha Gera	No
41	Shikhil Domingo	Not Finalized	Dr. Abdullah	No
42	Shirly Rex	Not Finalized	Prof. (Dr.) Reshma Nasreen	No
43	Sundus Shafi	Not Finalized	Dr. Syeedun Nisa	No
44	Swati	An Integrated Framework of Factors Impacting Sustainable Tourism Behaviour: A Mixed Method Approach	Dr. Sadaf Siraj	No
45	Swati Garg	Extensive Cognitive Model of Green Purchasing Behaviour: Study of Young Online Consumers in Delhi NCR	Dr. Asad Ahmad	No
46	Vikram Kumar Gedi	Determinants of Consumer's Intention to Order Food via Online Food Delivery Services: An Empirical Study in Delhi-NCR	Dr. Asad Ahmad	No
47	Zein Al Abideen Abbas Fahim	Macroeconomic Management of the Syrian Economy: A study of pre and post war era.	Dr. Sadaf Siraj	No
48	Mohammad Musab	Not Finalized	Not Finalized	No
49	DILIP KUMAR GUPTA	Not Finalized	Dr. Nudrat Moini Rahman	No
50	JAMIL AHMED	Not Finalized	Prof. (Dr.) Reshma Nasreen	No
51	KRISHAN KANT	Not Finalized	Dr. Syeedun Nisa	No
52	NISHA	Not Finalized	Dr. Noria Farooqui	No
53	SHISH PAL SINHMAR	Not Finalized	Prof. (Dr.) Reshma Nasreen	No
54	SHWETA BANSAL	Modelling the factors affecting the consumer's purchase behavior towards refurbished electronic goods"	Dr. Sadaf Siraj	No
55	UMAIRA BANO SHABBIR AHMED	Not Finalized	Dr. Sana Beg	No
56	VIKAS	Not Finalized	Dr. Sana Beg	yes

57	AIMAN KHAN	Not Finalized	Dr. Syed Nadimul Haque	No
58	MD.ALAM ANSARI	Not Finalized	Dr. Abdullah	No
59	SAJID ABBAS	Not Finalized	Dr.Asad Ahnad	No
60	SANDHYA RAGAUR	Not Finalized	Dr. Syeedun Nisa	No
61	RUCHIKA TAKKER	Not Finalized	Prof. (Dr.) Reshma Nasreen	No
62	DAMIA NISAR	Not Finalized	Dr.Md.Shahnawaz Abdin	No
63	JAZIB ATHER	Not Finalized	Dr. Sadaf Siraj	No
64	GULISTA KHAN	Not Finalized	Dr.Abdullah	No
65	SABA ABID	Not Finalized	Dr.Sana Beg	No
66	NEYAZ ABBAS	Not Finalized	Dr.Nudrat Moini Rahman	No
67	ATIF RAHMAN	Not Finalized	Dr.Md.Shahnawaz Abdin	No
68	ASIM NAQVI	Not Finalized	Prof.(Dr.) Syed Nadeemul Haque	No
69	RITU DAHIYA	Not Finalized		No

5 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Iram Ahmed	"A Study of Psychological Capital and its impact on Work Behaviour: A Cultural Perspective"	12 th January 2023	Dr.Nudrat Moini Rahman
2	Rajshree Yadav	"A Study of Factors affecting ICT adoption behaviour in rural areas".	24 th February 2023	Dr.Reshma Nnasreen
3	Samer Salameh	"The Dynamics of Income Inequality and Economics Growth in India".	22 nd September 2022	Dr. Sana Beg
4	Shweta	Consumer Perception, Acception and Response towards Green Products:Astudy of Consumer Durables in Delhi/ NCR "	19 th December 2022	Dr. Md. Shahnawaz Abdin
5	Simranjeet kaur Bagga	A Study of Change Management in Organizational Development: an empirical assessment in IT Sector in Delhi-NCR"	1 st December 2022	Dr. Syed Nadimul Haque
6	Urooj Jamal	A study Of Mindfulness and Professional Well Being of Knowledge Workers: Role of Emotional Intelligence"	8 th February 2023	Dr.Nudrat Moini Rahman
7	Zein Hussain Sulieman	" An Econometric Analysis of food Expenditure and Nourishment Gap at Household due to Syrian crisis with special ereference to latakia and Tartous".	29 th May 2023	Dr. Noria Farooqui
8	Sheenam Ayyub	Exploring Sustainability in consumer Behavior: An Empirical Study	22 nd September 2022	Dr. Asad Ahmad
9	Ritika Saini	"Impact of Business Laws on Ease of Doing Business Ranking - A comparative study of select Countries".	7 th March 2023	Dr. Syeedun Nisa
10	Priyanka	Online Behavioural Advertising: A Study of Psychological Ownership and Social Influence on Behavioural Intention	8 th June 2022	Dr.Sadaf Siraj

6.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1.	Literature Review: Step - by- step strategy	10 th May 2022		30
2.	Impactful international Case Research & Publishing by Dr. Prof. Michael Goldman	24 th May 2022		100
3.	Future of Brands and Branding by Prof. Kevin Lane Keller	2 nd August 2022		160
4.	International Conference of Sustainability and Digitalization	28 th & 29 th September, 2022.	ICSSR	160
5.	Systematic Literature Review (SLR) and Application of Statistical Tools in Research	25.10.2022 to 29.10.2022		30
6.	How to Pursue Opportunities Abroad	November 24, 2022.		90
7.	Behavioural Aspects of Intrapreneurship in the Financial Market	December 23, 2022		120
8.	Entrepreneurship and Innovation as a Career Opportunity	15 th February 2023		200
9.	"Education to Entrepreneurship" Programme	16 th February 2023		200

10.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Vardah Saghir	Implications of NVivo for qualitative research	17.3.2023-18.3.2023	RDIAS
2.	Dr. Vardah Saghir	Attended and Chaired a Finance session at the two-day ICSSR sponsored International Conference on "Sustainability and Digitalization"	28.9.2022 – 29.9.2022	Jamia Hamdard University
3.	Ms Farzana	Quantative Data Analysis	10 to 15 April 2022	Human Behavtics Private Limited
4.	Ms.Farzana	Research Methodology & Quantitative Data Analysis	24 to 29 July 2022	Human Behavtics Private Limited
5.	Dr. Nudrat Moini Rahman	Inculcating Universal Human Values in Technical Education	30th January to 3rd February 2023.	All India Council for Technical Education (AICTE)
6.	Ms. Mapreet Kaur Kohli	Inculcating Universal Human Values in Technical Education	30th January to 3rd February 2023.	All India Council for Technical Education (AICTE)

7. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Dr. Vardah Saghir (As Resource Person)	Literature Review: Step -by- step strategy	10.5.2022 SMBS, Jamia Hamdard		25+
2.	Dr. Vardah Saghir (As Resource Person)	Systematic Literature Review (SLR) and Application of Statistical Tools in Research	25.10.2022-29.10.2022 Department of Management, Jamia Hamdard		25+

8. Visits by Distinguished persons/Foreign faculty or delegates to the University/Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date

9. Sponsored projects**a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)**

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Dr. Waseem Khan (Co-PI)	Assessing the Impact of Farmer Producer Organizations on Livelihood Security and Adoption of Innovative Agricultural Practices ICSSR Budget Approved: 3,50,000/- (Rupees Three lakh fifty thousand only)	01/April/2022	01/Aug/2023	Report Submitted	Ms. Apoorva Verma Dr. Bhanu Pratap Pandey

10. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Dr. Syeedun Nisa, Associate Professor	Singh S.K. & Nisa S (2022). The role of socio-demographic characteristics in shaping willingness to accept electric cars. International Journal of Indian Culture and Business Management. Inderscience Publishers. Vol. 26, Issue 4. Pp. 427-445. 2 nd September 2022. Peer Reviewed.
2	Dr. Syeedun Nisa, Associate Professor	Bharti, S. K., & Nisa, S. (2023). Evaluation of the Impact of Regional Trade Agreements on Indian Exports. Journal of Asian Economic Integration, 5(1), 51-63. 30 th January, 2023. Peer Reviewed
3	Dr. Vardah Saghir, Assistant Professor	Saghir, V., & Ahmad, N. (2022). Assessing the growth and performance of self-help group-bank linkage programme (SHG-BLP) in India. 26(3), 470-481. (Joint Author). UGC-Care. 20 th April 2022.
4	Dr. Vardah Saghir, Assistant Professor	Parveen, S., Saghir, V., & Beg, S. (2023). AN EMPIRICAL STUDY OF CUSTOMER SATISFACTION TOWARDS E-BANKING SERVICES IN DELHI. Indian Journal of Finance and Banking, 13(1), 54-62. (2 nd Author). ABDC. 28 th February 2023.
5	Dr. Sana Beg, Associate Professor	Parveen, S., Saghir, V., & Beg, S. (2023). AN EMPIRICAL STUDY OF CUSTOMER SATISFACTION TOWARDS E-BANKING SERVICES IN DELHI. Indian Journal of Finance and Banking, 13(1), 54-62. (3 rd Author). ABDC. 28 th February 2023.
6	Dr. Waseem Khan, Assistant Professor	<ol style="list-style-type: none"> 1. Singh, S., Amini, M., Jamshed, M., Sharma, H. P., & Khan, W. (2023). Understanding the perceived business obstacles and determinants of credit adoption by textile firms: evidences from World Bank's enterprises survey. Research Journal of Textile and Apparel, (ahead-of-print). 2. Gao, Y., Tarkar, P., Khan, W., & Haseeb, M. (2023). Exploring the determinants of ice cream purchase intention: a case of emerging economy. British Food Journal. https://doi.org/10.1108/BFJ-07-2022-0642 3. Prakash, A., Kumar, K., Khan, W., & Siddiquei, M. I. (2023). Self-Induced Versus Structured Corporate Social Responsibility: The Indian Context. In Measuring Sustainability and CSR: From Reporting to Decision-Making (pp. 167-178). Cham: Springer International Publishing. 4. Khan, S., Kaushik, M. K., Kumar, R., & Khan, W. (2023). Investigating the barriers of blockchain technology integrated food supply chain: A BWM approach. Benchmarking: An International Journal, 30(3), 713-735. 5. Khan, W., Ali, T., & Dhamija, A. (2023). Perceived obstacles and performance of food and agribusiness enterprises: Implications for urban and rural entrepreneurship development. Journal of Industrial Integration and Management, 8(01), 65-82. 6. Khan, W., Khan, S., Dhamija, A., Haseeb, M., & Ansari, S. A. (2023). Risk assessment in livestock supply chain using the MCDM method: a case of emerging economy. Environmental Science and Pollution Research, 30(8), 20688-20703. Ali, J., & Khan, W. (2023). Demographic, social and economic factors affecting the adoption of green toilets among rural households in India. Environment, Development and Sustainability, 1-22.

		<p>8. Ali, J., & Khan, W. (2022). The COVID-19 pandemic: access to relief under social assistance programs by rural households in India. <i>International Journal of Social Economics</i>, 49(12), 1697-1712.</p> <p>9. Khan, W., Siddiquei, M. I., Muneeb, S. M., & Farhan, M. (2022). Factors affecting willingness to pay premium prices for socially responsible food products: Evidence from Indian consumers. <i>Business and Society Review</i>, 127(2), 423-436.</p> <p>10. Khan, W., Sharma, V., & Ansari, S. A. (2022). Modeling the dynamics of oil and agricultural commodity price nexus in linear and nonlinear frameworks: A case of emerging economy. <i>Review of Development Economics</i>, 26(3), 1733-1784.</p> <p>11. Ali, J., Singh, S., & Khan, W. (2023). Health awareness of rural households towards COVID-19 pandemic in India: Evidence from Rural Impact Survey of the World Bank. <i>Journal of Public Affairs</i>, 23(1), e2819.</p>
<p>7</p>	<p>Dr. Asad Ahmad, Assistant Professor</p>	<ul style="list-style-type: none"> ➤ Online impulse buying: a cross-cultural perspective- <i>International Journal of Retail and Distribution Management</i> (ABDC-A; Scopus Q1; IF=4.4) Accepted Consumer Adoption of Online Food Delivery Services: Scale Development and Validation- <i>Journal of Foodservice Business Research</i> (ABDC-C; Scopus Q2) Accepted ➤ Why do Academics Share Knowledge? A Study of Higher Education Institutions in India- <i>Frontiers in Psychology</i> (Scopus Q2; IF= 3.8) Accepted ➤ Kirmani, M. D., Uddin, S. F., Sadiq, M. A., Ahmad, A., & Haque, M. A. (2023). Food-leftover sharing intentions of consumers: An extension of the theory of planned behavior. <i>Journal of Retailing and Consumer Services</i>, 73, 103328. (ABDC-A; ABS - 2; Scopus Q1; IF=10.97) ➤ Bhardwaj, S., Nair, K., Tariq, M.U., Ahmad, A., Chitnis, A. (2023). The State of Research in Green Marketing: A Bibliometric Review from 2005 to 2022. <i>Sustainability</i>, 15, 2988. (SSCI, Scopus, Q1, IF- 3.8) ➤ Garg, S., Ahmad, A., Madsen, D. Ø., & Sohail, S. S. (2023). Sustainable Behavior with Respect to Managing E-Wastes: Factors Influencing E-Waste Management among Young Consumers. <i>International Journal of Environmental Research and Public Health</i>, 20(1), 801. (SSCI, Scopus, Q1, IF- 4.6) ➤ Naaz, S., Khan, S. A., Siddiqui, F., Sohail, S. S., Madsen, D. Ø., & Ahmad, A. (2022). OdorTAM: Technology Acceptance Model for Biometric Authentication System Using Human Body Odor. <i>International Journal of Environmental Research and Public Health</i>, 19(24), 16777. (SSCI, Scopus, Q1, IF- 4.6) ➤ Adnan, Arham, Asad Ahmad, and Mohammed Naved Khan. (2022).

		<p>Consumer lifestyles and ecological behavior: A study of car buyers in India. <i>Business Strategy and Environment</i>. (Scopus, Q1, ABDC A, IF-13.4).</p> <p>➤ Kirmani, M. D., Shahzad, N., Ahmad, A., Uddin, S. M. F., Ayyub, S., Adil, M. (2022). Socio-environmental considerations and organic food consumption: An empirical investigation of the attitude of Indian consumers. <i>Food Quality and Preference</i> (104604). (Scopus, Q1, ABDC A, IF- 5.65)</p>
8	Dr. Noria Farooqui	Farooqui, N., Gera, S., Aqeel, U., & John, S. (June, 2022). Sustaining School Education through Good Governance during Troubled Times: A case of Don Bosco School Delhi. <i>Research and Reflections on Education</i> , 20(2A), 78-94. UGC Care.

11. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	Course on Computer Concepts by NIELIT	March 2023	1	Aman Garg (BBA 6 th Sem)	New Delhi
2	10KM EKAL RUN on National Sports Day	28 th August 2022	1	Mohammad Anas Naurez (B.Com 4 th Sem)	JLN Stadium, New Delhi

12. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	Square Yards Consulting Pvt. Ltd	1	Rs. 3.5 LPA
2	Careerist	1	Rs.10 LPA
3	Three Gee Solutions Pvt. Ltd	2	Rs.4.2 LPA
4	NatWest Group	2	Rs.3.8 LPA
5	BYJUS	4	Rs.7.5 LPA
6	Amazon Development Centre, India	3	Rs.3.6LPA
7	MSA Traders	2	Rs. 3.2 LPA
8	Flyweis Services Pvt Ltd.	3	Rs. 3.5 LPA
9	Seagull Pharma	1	Rs.4.8 LPA
10	SBAHC, RIYADH, KSA	1	Rs 1, 10,000 (5000 Saudi Riyals)
11	Square Yards Consulting	3	Rs.4.2 LPA
12	IntegriMedical Pvt. Ltd	2	Rs.3.8 LPA
13	One97 Communications Limited	4	Rs.4.5 LPA
14	Fenesta Building Systems	1	Rs.4.8 LPA
15	Oriental Carbon and Chemicals Limited	1	RS. 7 LPA
16	HUDCO	2	Rs 3 LPA
17	M B TAJ PVT LTD	1	Rs. 3.8 LPA
18	Aayuv Technologies Pvt Ltd	2	Rs.4.2 LPA
19	Megmento Pharmaceuticals Pvt. Ltd	1	Rs.4.6 LPA
20	Dunzo Digital Pvt. Ltd	3	Rs.4.5 LPA
21	Goalwit Technologies Pvt. Ltd.	2	Rs.5.2LPA
22	Tansen School of Music Pvt. Ltd	1	Rs.3.2 LPA
23	Universal Data Solutions	2	Rs.4.2LPA
24	Moolchand Healthcare	6	Rs.3 LPA
25	DNAAR Properties, Dubai, UAE	2	Rs. 3.8 LPA
26	R1 RCM Global Pvt. Ltd.	2	Rs.4.2 LPA
27	Keasis	1	Rs 4 LPA
28	Siemens technology and services private limited	1	Rs.3.5 LPA
29	Loans4wish	2	Rs. 2.84 LPA
30	Fr. Meyer Sohn	2	Rs.3.72 LPA
31	Ambience group	1	Rs.2.8 LPA

DEPARTMENT OF HEALTHCARE & PHARMACEUTICAL MANAGEMENT

1. Head/Director of the Department/Centre/Unit: Prof. N. Ravichandran

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof.(Dr.) N.Ravichandran	PG,PhD	
2.	Dr.Mohd.Faisal Khan	PG,PhD	
3.	Dr.P.S.Raychaudhury	PG,PhD	
4.	Dr.Sakhi John	PG,PhD	
5.	Dr.Jwaad Akhtar Khan	PG,PhD	
6.	Mr.Ubada Aqeel	PG,PhD(Pursuing)	
7.	Ms.Arshiya Farooqui	PG, PhD(Pursuing)	
8.	Dr. Saad Bin Azhar	PG. PhD	
9.	Prof.(Dr.) Shibu John	PG,PhD	
10.	Dr.Iffat Naseem	PG,PhD	

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

NIL

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Prof. Pravat Kumar Sahoo	Pharmaceutical Management	Pharmaceutics	Director, DIPSAR
2.	Dr.Ashok K Agarwal	Department of Health Management	Health Sciences	Professor, IIHMR, Dwaraka, Delhi
3..	Prof. Kanhaiya Singh	Department of Management	Finance & Accounts	Professor, GLA University
4..	Mr. M. Sidhakar	Department of Healthcare and Pharmaceutical Mgmt	Health Systems, Personal Health	Head Regulatory, Govt Affairs

4 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Aarti		Dr. P. S. Raychaudhri	
2.	Aditi		Dr. P. s. Raychaudhri	
3.	Amina Mohammad Ejaz Jamil		Dr. Md. Shahnawaz Abdin	
4.	Anisur Rahman		Dr. Sakhi John	
5.	Hansrabha Mudgal		Dr. Sakhi John	
6.	Jaya Sharma		Dr. Jwaad A. Khan	
7.	Lubna Khan		Dr. N. Ravichandran	
8.	Md. Akbar Hussain		Dr. N. Ravichandran	
9.	Mohammad Haris		Dr. Jwaad A. Khan	
10.	Muddassir Reyaz		Dr. N. Ravichandran	
11.	Priya Narula		Dr. N. Ravichandran	
12.	Reena		Dr. Sakhi John	
13.	Rinky Mishra		Dr. N. Ravichandran	
14.	Shuchi Garg		Prof. Shibu John	
15.	Tanu Sri Sahu		Dr. P. S. Raychaudhri	
16.	Thomas Shery M.A		Dr. P. S. Raychaudhri	

4 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1.	Bushra Akhtar	An Assessment of Advertisements of Over-The-Counter Drugs in the Indian Market: A Study of its Marketing Effectiveness and its Impact on Consumer Buying Behaviour in Delhi-NCR	March 2022	Dr. P. S. Raychaudhri

5 Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	PS. Raychudhari	Refresher Course on Social Entrepreneurship and Business Environment.	23 rd August 2022 to 5 th September 2022	UGC HRD, Dr. Hari Singh Gour Vishwavidyalya ,Sagar ,MP
2.	Arshiya Farooqui	Interdisciplinary Refresher Course on Advanced Research Methodology	23 rd January-6 th February 2023	Teaching Learning Centre, Ramanujan College, University of Delhi.

6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Saad Bin Azhar Asst. Prof.	02 ; ABDC (C) ISSN 1746-1278 ABDC (A+) ISSN 0143-7720

7. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	Blueweave Consulting	3	Rs.4.5 LPA
2.	Epitome Hospital	6	Rs. 3.6 LPA
3.	Megmento Pharmaceuticals	2	Rs.4.2 LPA
4.	Seagull Pharmaceutical	2	Rs. 4.8 LPA
5.	Selway Lifesciences	1	Rs. 4.6 LPA
6.	Prescient Healthcare	2	Rs. 3.6 LPA
7.	Tirupati Group	1	Rs. 4 LPA
8.	Novo Nordisk	5	Rs.6 LPA
9.	Gujarat Terce Laboratories	2	Rs. 3.8 LPA
10.	India Glycols	1	Rs.5.5 LPA
11.	P&G Health	1	Rs. 5.4 LPA
12.	Systopic Laboratories	2	Rs. 4.6 LPA
13.	Soterius Lifesciences	3	Rs. 4.2 LPA
14.	Mankind Pharma	2	Rs. 3.8 LPA
15.	Khubani	1	Rs. 3.6 LPA
16.	Global Market Insights	2	Rs. 4.8 LPA
17.	Report Ocean	1	Rs. 5.8 LPA
18.	GSK	2	Rs.4.5 LPA
19.	USV Private Limited	2	Rs. 5.2LPA
20.	Celon Laboratories	2	Rs.5.4 LPA
21.	Bestead Lifesciences	2	Rs. 4.5 LPA
22.	EYE-Q Hospital	2	Rs. 3.6 LPA
23.	Paras Hospital	2	Rs. 3.2 LPA
24.	Yashoda Hospital	2	Rs. 3.4 LPA
25.	Haryana Govt (Health Projects)	2	Rs. 3 LPA
26.	Pratiksha Hospital	2	Rs. 3.5 LPA
27.	GIST	3	Rs. 3.6 LPA

DEPARTMENT OF HOTEL MANAGEMENT & CATERING TECHNOLOGY

1. Head/Director of the Department/Centre/Unit: Prof.(Dr.) Syed Nadimul Haque

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Dr.Abhishek Kumar	Ph.D,M.Sc,MTM	Coordinator
2.	Ms.Riya Yadav	Ph.D (Pursung) M.Sc (HM),MBA	Examination Coordinator
3.	Mr.Vikas Yadav	Ph.D(Pursung),M.Sc (HM),MTM	Examination Coordinator
4.	Ms.Deepali Indora	MBHM	Time Table Coordinator
5.	Ms. Jaya	M.Sc(HM)	Event Coordinator

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Ms.Priyanka	BHM	Accommodation Operation	

4. Programmes/Courses offered b the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	BHM	UG	50	33
2.	BHM with Food Processing	UG	50	Discontinued Course

5. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr.Abhishek Kumar	Research Methodology & Online Teaching	17-22 May,2022	Online (IIT Guwahti)

6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Mr. Vikas Mohan , Assistant Professor	Published paper in conference proceeding titled "Tourism Stakeholder in Promoting Rajasthan as a Culinary Destination" ISBN No-9789390863426 NOV2022 Page no-112-19 in Emerging Opportunities in Tourism & Hospitality Industry

7. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	Industrial Visit	04-02-2023	26	-	Mother Dairy Plant, Delhi
2.	World Tourism Day	27-09-2022	27		Convention Centre, Jamia Hamdard
3.	International Women Day	8-03-2023	30		Jamia Hamdard

8. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	Oberoi Maiden, New Delhi	04	2.56 Lakhs per annum
2.	Le Meridian, New Delhi	03	2.40 Lakhs per annum
3.	Holiday Inn, New Delhi	01	2 Lakh per annum
4	J.P Vashant Continental ,New Delhi	01	2 Lakh per annum
5.	J.W.Marriot	01	2.40 Lakhs per annum

SCHOOL OF CHEMICAL & LIFE SCIENCES (SCLS)

DEAN: Prof. Shakir Ali (till 25.10.2022) & Prof. S. Raisuddin (w.e.f 26.10.2022)

The School has been in existence (as Faculty of Science) since the day Jamia Hamdard was granted status of a “Deemed to be University”. Teaching activities commenced from the session 1994-95 with post-graduate (PG) programmes. Currently, the School consists of five Departments and a Centre for Translational and Clinical Research. The School offers Doctoral, Post Graduate and Graduate programs of study in the area of Biological and Chemical Sciences. Postdoctoral fellows are also part of the School and most of them avail prestigious fellowships of extramural funding agency. There is a special research centre – Centre for Transgenic Plant Development for research on transgenic varieties of plants with special focus on medicinal plants. Sophisticated research instruments are housed in the Central Instrumentation Facility (CIF).

Vision

- We aspire to become an outstanding academic destination to promote excellence in chemical, life, clinical and translational science education and research by enhancing knowledge and skills pertaining to social and public policy relevance

Mission

- To inspire and empower students of different streams of science by providing them an innovative learning and training experience that prepares them to thrive in a dynamic and demanding world.
- To improve life by stimulating scientific discovery and solving critical problems at the intersection of the life sciences, chemistry, environment, human health and society.
- To apply the knowledge generated in classrooms and laboratories to the field and society for betterment of quality of life, agricultural output, human and environmental health.

Name of the Departments in the School

- 1. Department of Biochemistry**
- 2. Department of Biotechnology**
- 3. Department of Botany**
- 4. Department of Chemistry**
- 5. Department of Medical Elementology and Toxicology**
- 6. Centre for Translational & Clinical Research**

(A) NAME OF THE DEPARTMENT/CENTRE/ACADEMIC UNIT:

DEPARTMENT OF BIOCHEMISTRY**1. Head/Director of the Department/Centre/Unit: Prof. Rana Zaidi****2. Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (Only PG, PhD & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. Shakir Ali	MSc, PhD	<ul style="list-style-type: none"> • Dean, SCLS (till 26 Oct 2022) • Chairman, School Board (till 26/10/22) • Member, Academic Council, BoS etc • Chairman, IAEC • In-Charge, Central Animal House, JH • Coordinator, Bioinformatics center, JH • Director, Planning and Development Cell, JH
2.	Prof. Rana Zaidi	M Phil, PhD	<ul style="list-style-type: none"> • Head of the Department (till 13 March 2023) • Member Academic council. • Chairperson BoS • Member Internal Complaints Committee, Batra Hospital, New Delhi. • Co-opted member in Board of Studies in subject Bioresources, in the Cluster University, Srinagar. • Member, Program Expert Committee MSc Biochemistry, School of Sciences, IGNOU
3.	Dr. Mohan Kamthan Assistant Professor	MSc, PhD	<ul style="list-style-type: none"> • Co-In/charge, CAHF • Coordinator ISTEM • Member Secretary, IAEC • Member CIF maintenance committee
4.	Dr. Sayeed ur Rehman Abul Kalam Assistant Professor	MSc, PhD	Core team, NAAC (Criteria IV)
5.	Dr. Saurabh Pandey, Assistant Professor	MSc, PhD	<ul style="list-style-type: none"> • Admission Cancellation Officer, SCLS • Member of BoS
6.	Dr. Vikas Sood UGC-Assistant Professor	PhD	Member of BoS
7.	Dr. Nikhat Parween, Assistant Professor (Contractual)	MSc, PhD	Tabulator
8.	Dr Neha Chanana, Assistant Professor (Contractual)	MSc, PhD	-

3. Details of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	Prof. Faizan Ahmad	Molecular Biophysics	Protein Folding	INSA Sr. Scientist

4. Programmes/Courses offered by the Department during 2022-2023 4**(a) UG/PG/Doctorate level**

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	BSc (Biochemistry)	UG	20	20
2.	MSc (Biochemistry)	PG	30	18
3.	PhD (Biochemistry)	Doctoral	Variable – depending on the vacancy	2

5. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs): UGC SAP INSTRUMENTS

Sl. No.	Details	Rupees in Lakhs
1.	Multimode Plate Reader	26,41,000/-
2.	-80 °C freezer	5,75,000/-
3.	Real Time PCR	13,82,000/-
4.	Chemidoc	19,59,720/-
5.	Refrigerated Centrifuge	10,10,080/-

6. Details of post-doctoral Research scholars attached to the Department during 2022-2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Asghar Ali	DHR-Young Scientist	DHR	Fatty Liver
2.	Dr. Naira Rashid	Women Scientist	DHR-ICMR	Molecular Biology
3.	Dr. Insha Sultan	RA	ICMR	Molecular Biology
4.	Dr. KM Neelofar	DHR ICMR	ICMR	Diabetes

7 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1)	Shweta Singh,	Functional characterization of novel proteases in <i>Plasmodium falciparum</i>	Prof. S Ali	-
2)	Sheetal Kaul	Circulating small RNAs profiles in <i>Mycobacterium tuberculosis</i> infection: Biomarkers and functional correlation with disease condition	Prof. S Ali	-
3)	Geetika Sharma	Appearing for PhD Coursework, topic to be finalized	Prof. S Ali	-
4)	Akanksha	Immunological Studies on cysteine protease allergen from <i>Phaseolus vulgaris</i> (red kidney bean)	Prof. S Ali/ JK Batra/ N Arora	-
5)	Nisat Alam	Chemopreventive role of nerolidol, sinapic acid, oxyresveratrol and rosmarinic acid in lung cancer	Prof. Rana Zaidi	No fellowship
6)	Nazia Ahmad	Mechanism based drug discovery targeting classical and non-classical transpeptidases from peptidoglycan biosynthesis pathway in <i>Mycobacterium tuberculosis</i>	Prof. Rana Zaidi	CSIR- SRF
7)	Rushna Wazahat	Investigation of a novel biomarker to develop diagnostic tools for Tuberculosis	Prof. Rana Zaidi	No fellowship
8)	Navneendra Singh	Effect of Silibinin on PD1, PD-L1 and CTLA-4 Immune Checkpoint Regulators in Head and Neck Cancer	Prof. Rana Zaidi	No fellowship
9)	Vidhu Kaushik	Exploring the Chemotherapeutic Potential of Selected Polyphenols targeting an Immunomodulatory Approach in Prostate and Breast Cancer	Prof. Rana Zaidi	UGC- Single Girl Child Fellowship
10)	Manika Garg	Tissue specific targeting of protein tyrosine phosphatase, SHP-1, to improve the obesity induced insulin resistance in high fat diet murine model using synthetic compounds	Dr. Mohan Kamthan	ICMR-SRF
11)	Aiysha Siddiq Khan	Mechanistic insights into cadmium induced impaired glucose tolerance and Cadmium detoxification	Dr. Mohan Kamthan	ICMR-SRF
12)	Pawan Yadav	Structure Function and Regulation of Histone H2B Ubiquitin Conjugating Machinery	Dr. Mohan Kamthan	UGC-JRF
13)	Muskan Verma	Modulation of Intestinal Stem Cells functionality and its role in dysbiosis of gut Microflora	Dr. Mohan Kamthan	UGC-JRF
14)	Saman Saim Rehman	Evaluation of Sorcin-dependent cytosolic retention of ChREBP and its application as a potential therapy for non-alcoholic fatty liver disease	Dr. Mohan Kamthan	-
15)	Urvashi Bharadwaj	Investigating the host responses to RNA viruses using In-silico approaches	Dr. Mohan Kamthan	-

16)	Supriya Tanwar	Identification and characterization of alternatively spliced novel isoforms of mouse genes linked to obesity and diabetes mouse genes linked to obesity and diabetes	Dr. Sayeed ur Rehman A. Kalam	HNF
17)	Pallavi Juneja	Computational and molecular techniques-based study on alternative splicing of some human genes linked to fungal pathogenesis	Dr. Sayeed ur Rehman A. Kalam	DST-PURSE
18)	Farheen Naaz	Identification and characterization of alternatively spliced novel isoform(s) of human genes linked to coagulation and anticoagulation pathways	Dr. Sayeed ur Rehman A. Kalam	DST-PURSE
19)	Akshat Rathi	Identification and characterization of alternatively spliced novel isoform(s) of human genes linked to prostate cancer	Dr. Sayeed ur Rehman A. Kalam	-
19)	Husnara Bano	Appearing for PhD course work	Dr. Saurabh Pandey	-
20)	Neha Periwal	<i>In silico</i> analysis of virus and host interactions	Dr. Vikas Sood	UGC
21)	Yogita Rawat	Investigating the role of host factors in regulating Flavivirus pathogenesis	Dr. Vikas Sood	DBT Project
22)	Urvashi Bhardwaj	Investigating the host response to RNA viruses using <i>in-silico</i> approaches	Dr. Vikas Sood	-

7 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1.	Md. Nematullah	"Pathophysiological Role of Protein Phosphatase 2A in vascular Dementia in HFD induced Insulin Resistant murine model"	October 20, 2022	Dr. Farah Khan

8.(a) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Mohan Kamthan	"Advanced Pedagogical Techniques" Conducted by Delhi University	13-19 March 2023	Teaching Learning Centre, Ramanujan College, University of Delhi (Online mode)
2.	Dr. Mohan Kamthan	"How to create MOOCs" Conducted by Delhi University	15-21 May 2023	Teaching Learning Centre, Ramanujan College, University of Delhi (Online mode)
3.	Dr. Sayeed ur Rehman A. Kalam	"National Education Policy-2020"	20-26 March, 2023	Ramanujan College, University of Delhi (Online mode)
4.	Dr. Saurabh Pandey	One week Faculty Development Programme on "Advanced Pedagogical Techniques"	13-19 March 2023	Teaching Learning Centre, Ramanujan College, University of Delhi (Online mode)
5.	Dr. Saurabh Pandey	Participated on conference "Towards END TB: Achievements, Challenges and Future Directions"	23-25 March 2023	Translational Health Science and Technology Institute, Faridabad
6.	Dr. Saurabh Pandey	Invited talk and to work as resource person at Pre-Ph.D. Course-work (Botany)	7-9 Sept 2022	Chhatrapati Shahu Ji Maharaj University, Kanpur (Online mode)
7.	Dr. Saurabh Pandey	Invited talk at "two days lecture series for BDA students on Bioinformatics/ Biostatistics"	16-17 Jun 2022	Department of Data sciences, Central University of Rajasthan

11. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Prof. Faizan Ahmad	Problem With the Determination of Stability of the Native Protein	Dec 20, 2022; Institute of Biochemistry and Biophysics, University of Tehran, Iran (Online)	-	40
2.	Dr. Neha Chanana	Sexual dimorphism of dexamethasone as a prophylactic treatment in pathologies associated with acute hypobaric hypoxia exposure	25 th May 2022; 6th International Leh symposium, Mahabodhi International Meditation Centre, Leh, Ladakh, India	The travel as well as stay was sponsored by the Hypobaric Hypoxia Society, organizing the 6th International Leh symposium	100-150

9. Sponsored projects**a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)**

Sl. No.	Name of the teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1.	Prof. Faizan Ahmad	Protein Folding: Characterization of Folding intermediate	July-2017	March-2023	Ended	Nil
2.	Dr. Farah Khan & Dr. Sayeed ur Rehman A. Kalam	Effect of Unani preparations on macrophage polarization and its role in Increased Browning of fat leading to amelioration of insulin resistance	Aug 2018	Sept 2023	Continuing	-
2.	Dr. Mohan Kamthan	Dissecting the role of hazardous heavy metal Lead in the development of non-alcoholic fatty liver. (UGC Startup Grant)	June-2019	June-2022	Ended	Nil
3.	Dr. Mohan Kamthan	Novel insights into the regulation of Carbohydrate response element binding protein to control dysregulated hepatic de novo lipogenesis (DHR Young Scientist Grant)	Oct- 2022	Continuing	Oct- 2025	Post Doc (Young Scientist)
4.	Dr. Mohan Kamthan	Evaluation of Sorcin dependent cytosolic retention of ChREBP and its application as a therapy for non-alcoholic fatty liver disease (SERB-CRG)	Feb 2023	Continuing	Feb 2026	Nil

5.	Dr. Sayeed ur Rehman Abul Kalam	Identification and molecular characterization of alternatively spliced novel isoforms of genes involved in coagulation and anticoagulation pathways in human	06 September 2019	05 September 2022	Completed	Nil
6.	Dr. Saurabh Pandey	Investigating the role of Trigger factor in stress tolerance and virulence of Bacillus anthracis and evaluating its potential to be suitable drug target, UGC, Sanctioned Amount-10Lakh	13 June 2019	12 June 2022	Completed	Nil
7.	Dr. Vikas Sood	Characterization of novel Interferon Stimulated Genes regulating JEV replication (Rs. 5893360)	20 December 2020	19 December 2023	Ongoing	Yogita Rawat

10. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1)	Prof. Shakir Ali	Singh, S., Datta, G., Jain, S., Thakur, V., Arora, P., Muneer, A., Asad, M., Ali, S., Mohmmmed, A. (2022) Dual role of an essential HtrA2/Omi protease in the human malaria parasite: maintenance of mitochondrial homeostasis and induction of apoptosis like cell death under cellular stress. <i>PLOS Pathogens</i> (PMID: 36306288)
2)	Prof. Shakir Ali	Gupta A, Singh K, Fatima S, Ambreen S, Zimmermann S, Younis R, Krishnan S, Rana R, Gadi I, Schwab C, Biemann R, Shahzad K, Rani V, Ali S, Mertens PR, Kohli S, Isermann B (2022). Neutrophil extracellular traps promote NLRP3 inflammasome activation and glomerular endothelial dysfunction in diabetic kidney disease. <i>Nutrients</i> 2022, 14, 2965. https://doi.org/10.3390/nu14142965
3)	Prof. Shakir Ali	Rawal HC, Ali S, Mondal TK. miRPreM and tiRPreM: Improved methodologies for the prediction of miRNAs and tRNA-induced small non-coding RNAs for model and non-model organisms. <i>Brief Bioinform</i> 23(1):bbab448. doi: 10.1093/bib/bbab448. PMID: 34734232.
4)	Prof. Shakir Ali	Anjum, F. Shafie, A., Naime, M., Toteja, G.S., Ali, S. (2022). Improving the long-term storage stability of all-trans-retinol in biological matrix. <i>International Journal of Advances in Pharmacy Medicine and Bioallied Sciences</i> 10, 10-13
5)	Prof. Rana Zaidi	Nisat Alam, Maidul Islam, Hasina Najnin, Sonam Shakya, Ishaat M. Khan, Md Wamique Hossain and Rana Zaidi (2023). Design and characterization of a binary CT complex of imidazole-oxyresveratrol: exploring its pharmacological and computational aspects. <i>Journal of Biomolecular Structure and Dynamics</i> . Doi.org/10.1080/07391102.2023.2199088
6)	Prof. Rana Zaidi	Nazia Ahmad, Sanmati Dugad, Varsha Chauhan, Shubbir Ahmad, Kunal Sharma, Sangita Kachhap, Rana Zaidi, William R Bishai, Gyanu Lamichhane, Pankaj Kumar (2022). Allosteric cooperation in lactam binding to a nonclassical transpeptidase. <i>eLife</i> : doi:10.7554/eLife 73055.
7)	Prof. Faizan Ahmad	Waseem R, Shamsi A, Mohammad T, Kazim SN, Hassan MI, Chaudhary AA, Al-Zharani M, Rudayni A, Ahmad F, and Islam A (2022), FNDC5/Irisin: Physiology and Pathophysiology. <i>Molecules</i> 27(3):1118. doi: 10.3390/molecules27031118. PMID: 35164383.
8)	Prof. Faizan Ahmad	Parray ZA, Ahmad F, Chaudhary AA, Rudayni HA, Al-Zharani M, Hassan MI, Islam A (2022), Size dependent interplay of volume exclusion versus soft interactions: cytochrome c in macromolecular crowded environment, <i>Front Mol Biosci</i> . 9, 49683. doi: 10.3389/fmolb.2022.849683.
9)	Prof. Faizan Ahmad	RahbanM, ZolghadriS, SalehiN, AhmadF, HaertléT, Rezaei-GhalehN, SawyerN, and Saboury AA (2022). Thermal stability enhancement: fundamental concepts of protein engineering strategies to manipulate the flexible structure, <i>Int. J. Biol. Macromol.</i> 214:642-654. doi: 10.1016/j.ijbiomac.2022.06.154. Epub 2022 Jun 27. PMID: 35772638
10)	Prof. Faizan Ahmad	Idrees D, Naqvi AAT, Hassan MI, Ahmad F, and Gourinath S (2022) Insight into the Conformational Transitions of Serine acetyl transferase Isoforms in <i>E. histolytica</i> : Implications for Structural and Functional Balance, <i>ACS Omega</i> 7, 24626-24637. DOI: 10.1021/acsomega.2c02467.
11)	Prof. Faizan Ahmad	Ahmad F (2022), Protein Stability [Determination] problems, <i>Front. Mol. Biosci.</i> 5;9:880358. doi: 10.3389/fmolb.2022.880358. eCollection 2022.
12)	Prof. Faizan Ahmad	Parray, ZA, Naqvi AAT, Ahanger IA, Shahid M, Ahmad F, Hassan MI, and Islam A (2022), Measuring structural changes in cytochrome c under crowded conditions using in vitro and in silico approaches. <i>Polymers</i> 14, 4808-. doi: 10.3390/polym14224808.
13)	Prof. Faizan Ahmad	Rashid Waseem, Neetu Singh Yadav, Tanzeel Khan, Faizan Ahmad, Syed Naqui Kazim, Imtaiyaz Hassan, Amresh Prakash, and Asimul Islam (2023), Molecular Basis of Structural Stability of Irisin: A Combined Molecular Dynamics Simulation and In vitro Studies for Urea-induced Denaturation. <i>J. Mol. Liquids</i> 372, 121120. doi:10.1016/j.molliq.2022.121120 .
14)	Prof. Faizan Ahmad	Ahanger IA, Parray ZA, Raina N, Bashir S, Ahmad F, Hassan MI, Shahid M, Sharma A, and Islam, A (2023), Counteraction of the cetyltrimethylammonium bromide-induced protein aggregation by Heparin: Potential impact on protein aggregation diseases using biophysical approaches. <i>J. Mol. Struc</i> 1276, 134714-134730.
15)	Dr. Farah Khan	Synthesis, biological evaluation and docking studies of methylene bearing cyanopyrimidine derivatives possessing a hydrazone moiety as potent Lysine specific demethylase-1 (LSD1) inhibitors: A promising anticancer agents. <i>Bioorganic Chemistry</i> Volume 126, September 2022, 105885
16)	Dr. Farah Khan	Mehak Saba Lone, Syed Ayaz Nabi, Farhat Ramzan Wani, Manika Garg, Design, synthesis and evaluation of 5-chloro-6-methylaurone derivatives as potential anti-cancer agents. March 2023. <i>Journal of biomolecular Structure & Dynamics</i> DOI:10.1080/07391102.2023.2183716
17)	Dr. Mohan Kamthan	Daniel PV, Kamthan M, Thakur S, Mondal P. (2022) Molecular pathways dysregulated by Pb 2+ exposure prompts pancreatic beta-cell dysfunction. <i>Toxicology Research</i> . 10.1093/toxres/ftab121

18)	Dr. Sayeed ur Rehman Abul Kalam	Identification and validation of two alternatively spliced novel isoforms of human α -1-antichymotrypsin, 25-31, 2022, joint, Biochemical and Biophysical Research Communications, Volume 628, 2022/11/5, ISBN No 0006-291X (SCOPUS indexed and Peer Reviewed)
19)	Dr. Sayeed ur Rehman Abul Kalam	Cancer nanomedicine: A step towards improving the drug delivery and enhanced efficacy of chemotherapeutic drugs, 100051, 2022, joint, OpenNano, Volume 7, 2022/6/28 ISBN: 2352-9520 (SCOPUS indexed and Peer Reviewed)
20)	Dr. Saurabh Pandey	Khawary, M., Rakshit, R., Bahl, A., Juneja, P., Kant, S., Pandey, S., Tripathi, D. (2022) <i>M.tb-Rv2462c</i> of <i>Mycobacterium tuberculosis</i> Shows Chaperone-Like Activity and Plays a Role in Stress Adaptation and Immunomodulation, <i>Biology</i> ; 12(1): 69. DOI:10.3390/biology12010069, IF=5.168; (ISSN: 2079-7737)
21)	Dr. Saurabh Pandey	Periwal N, Sharma P, Arora P, Pandey S, Kaur B, Sood V (2022); A Novel Binary <i>k</i> -mer Approach for Classification of Coding and Non-coding RNAs Across Diverse Species, <i>Biochimie</i> , 199:112-122, DOI: 10.1016/j.biochi.2022.04.012, IF=4.372, (ISSN: 0300-9084)
22)	Dr. Saurabh Pandey	Gupta S, Ali S, Pandey S, Khan I A, Prakash P, (2022); Fibronectin containing alternatively spliced extra domain A interacts at the Central and c-terminal domain of Toll-like receptor-4, <i>Scientific reports</i> 12:9662, DOI:10.1038/s41598-022-13622-2, IF =5, (ISSN 2045-2322)
23)	Dr. Saurabh Pandey	Pandey S, Kant S, Khawary M, Tripathi D (2022); Macrophages in Microbial Pathogenesis: Commonalities of Defense Evasion Mechanisms, <i>Infection and Immunity</i> 90(5):e0029121, DOI:10.1128/IAI.00291-21, IF= 3.609 (ISSN 0019-9567)
24)	Dr. Saurabh Pandey	Ahmad F, Rani A, Alam A, Zarin S, Pandey S, Singh H, Hasnain SE and Ehtesham NZ (2022); Macrophage: A cell with many faces and functions in tuberculosis, <i>Frontiers in Immunology</i> 13:747799, DOI: 10.3389/fimmu.2022.747799, IF=8.786 (ISSN 1664-3224)
25)	Dr. Saurabh Pandey	Rani M, Bhattacharjee A, Singh P, Basu S, Das K, Goswami K, Pandey S, Tripathi D, Kumar A (2022); Chapter 22 - Antimicrobial Activities of Different Nanoparticles Concerning to Wastewater Treatment, Editors: Maulin Shah, Susana Rodriguez-Couto, Jayanta Biswas, <i>Development in Wastewater Treatment Research and Processes: Removal of Emerging Contaminants from Wastewater through Bio-nanotechnology</i> , Elsevier, Pages 501-514, ISBN 9780323855839, DOI:10.1016/B978-0-323-85583-9.00029-6.
26)	Dr. Saurabh Pandey	Rani M, Paul B, Bhattacharjee A, Das K, Singh P, Basu S, Pandey S, Tripathi D, Kumar A (2022); Chapter 13 - Detection and Removal of Pathogenic Bacteria from Wastewater Using Various Nanoparticles, Editors: Maulin Shah, Susana Rodriguez-Couto, Jayanta Biswas; <i>Development in Wastewater Treatment Research and Processes: Removal of Emerging Contaminants from Wastewater through Bio-nanotechnology</i> , Elsevier, Pages 311-322, ISBN 9780323855839, DOI:10.1016/B978-0-323-85583-9.00025-9.
27)	Dr. Saurabh Pandey	Banerjee A, Sengupta S, Nandanwar N, Pandey M, Tripathi D, Pandey S, Kumar A, Peddireddy V (2023); <i>Mycobacterium Tuberculosis</i> Adaptation to Host Environment, in Book <i>Bacterial Survival in the Hostile Environment</i> , Editors: Ashutosh Kumar, Shivendra Tenguria, Academic Press, ISBN: 9780323918060, DOI: 10.1016/B978-0-323-91806-0.00005-9
28)	Dr. Saurabh Pandey	Rakshit R, Bahl A, Kumar A, Tripathi D, Pandey S (2023); Biofilm: A Coordinated Response of Bacteria Against Stresses, in Book <i>Bacterial Survival in the Hostile Environment</i> , Editors: Ashutosh Kumar, Shivendra Tenguria, Academic Press, ISBN: 9780323918060, DOI: 10.1016/B978-0-323-91806-0.00006-0
29)	Dr. Saurabh Pandey	Sengupta S, Sengupta A, Hussain A, Sarma J, Banerjee A, Pandey S, Tripathi D, Peddireddy V and Kumar A (2023); Modulation of host pathways by <i>Mycobacterium tuberculosis</i> for survival, in Book <i>Bacterial Survival in the Hostile Environment</i> , Editors: Ashutosh Kumar, Shivendra Tenguria, Academic Press, ISBN: 9780323918060; 10.1016/B978-0-323-91806-0.00003-5
30)	Dr. Vikas Sood	Dey P, Ahuja A, Panwar J, Choudhary P, Rani S, Kaur M, Sharma A, Kaur J, Yadav K A, Sood V, Suresh Babu A R, Bhadada S K, Singh G, and Barnwal R P. Immune control of avian influenza infection and its vaccine development (2023). <i>Vaccines</i> . 11:(3), 593.
31)	Dr. Vikas Sood	<i>In-silico</i> analysis of SARS-CoV-2 genomes: Insights from SARS encoded non-coding RNAs (2022). <i>Front Cell Infect Microbiol</i> . 12: 966870.
32)	Dr. Vikas Sood	Valuable insights into host response to Japanese Encephalitis Virus infection: Reanalysis of public transcriptome and microRNAome datasets (2022). <i>Virus Res</i> . 320:198887.

33)	Dr. Vikas Sood	Time series analysis of SARS-CoV-2 genomes and correlations among highly prevalent mutations (2022). <i>Microbiology Spectrum</i> . 7: e0121922.
34)	Dr. Vikas Sood	A novel binary <i>k</i> -mer approach for classification of coding and non-coding RNAs across diverse species (2022). <i>Biochimie</i> ; 199:112-22.
35)	Dr. Nikhat Parween	Parween N, Jabeen A, Prasad B (2022) Eugenol Elicits Prolongevity by Increasing Resistance to Oxidative Stress in <i>C. elegans</i> . <i>CNS Neurol Disord Drug Targets</i> , 21(9):841-853. doi: 10.2174/1871527320666211008150347 (SCOPUS indexed and Peer Reviewed).
36)	Dr. Neha Chanana	Abbasi BA, Chanana N, Palmo T, Pasha Q. (2023) Disparities in COVID-19 incidence and fatality rates at high-altitude. <i>PeerJ</i> . 11, 1-16 (Research Article)
37)	Dr. Neha Chanana	Palmo, T., Abbasi, B.A., Chanana, N., Sharma, K., Faruq, M., Thinlas, T., Abdin, M.Z. and Pasha, Q., (2022). The EDN1 Missense Variant rs5370 G> T Regulates Adaptation and Maladaptation under Hypobaric Hypoxia. <i>Int. J. Environ. Res. Public Health</i> , 19, 1-13 (Research Article)
38)	Dr. Neha Chanana	Chanana N, Palmo T, Sharma K, Kumar R, Shah B, Mahajan S, Palleda G, Gupta M, Kukreti R, Faruq M, Thinlas T, Graham B, Pasha Q. (2022) Sexual dimorphism of dexamethasone as a prophylactic treatment in pathologies associated with acute hypobaric hypoxia exposure. <i>Front. Pharmacol. Drug metabolism and transport</i> , 13, 1-11 (Research Article)

11. Achievements/Recognitions/Awards received/awarded to faculty members (Pls give details)

(a) Prof. Faizan Ahmad- Received INSA-Honorary Scientist Position

a. Membership in Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR) NAAC Assessor (Prof. Shakir Ali) -

b. Awards and Honours (Awards, fellowships of professional societies/associations)

1. Prof. Faizan Ahmad- Received INSA-Honorary Scientist Position

2. Dr. Neha Chanana – Received Dr. Qadar Pasha, Young Investigator Award for presentation of original work entitled “Sexual Dimorphism of Dexamethasone as a prophylactic treatment in high-altitude pathologies” at 6th International Leh symposium 2022 on “Lungs under normobaric and hypobaric hypoxia” held at Mahabodhi International Meditation Centre, Leh, Ladakh, India.

c. Keynote or plenary speaker.

Dr. Vikas Sood, invited as Resource person for 03 days workshop on Python for Biology, conducted by University of Delhi, South Campus.

12. Students achievements

a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)

01 CSIR-UGC NET Jun, 2022 (Lakshya Taneja, MSc)

01 Joined MSc Biochemistry at University of Oulu, Finland (Ananya Thakur, BSc)

DEPARTMENT OF BIOTECHNOLOGY

1. Head/Director of the Department/Centre/Unit: Professor M.Z. Abdin

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof. M.Z. Abdin, Professor & Head	Ph.D.	Professor and Head, Department of Biotechnology; Director, Centre for Environment and Sustainable Development; Chairman, Campus Development Plan Committee; Chairman, Horticulture; Coordinator, DST-FIST supported by DST, Govt. of India; Coordinator, M. Tech in Biotechnology Program supported by DBT, Govt. of India; Chairman, Career Advancement Scheme Committee for Professor of Assistant Professors; President, Rose Society, Jamia Hamdard
2.	Dr. Humaira Farooqi Assistant Professor(Sr)	Ph.D.	Coordinator Alumini Association, Member Placement cell, Member Administrative Audit Committee, Member Fee Committee for Department of Biotechnology, Coordinator Unservicable item Disposal Committee; Member Environment Quality Cell ; Exam Tabulator Member Academic Council of Jamia Hamdard.
3.	Dr. Saima Wajid Assistant Professor(Sr)	Ph. D.	Admissions coordinator, Placement Cell Coordinator , IoE coordinator, Exam Tabulator, Internal expert Biosafety Committee, Member Academic Council, Member MAMS.President basketball and volley ball association jamia Hamdard.
4.	Dr. Javaid Ahmad, Assistant Professor	Ph.D.	Coordinator examination Committee, Time table Coordinator department of Biotechnology Member exam Commitee (School Level)
5.	Dr. Jagriti Narang, Assistant Professor	Ph.D.	Examination committee member, Member Board of Studies, Department of Biotechnology. Member Student Grievience committee, department of Biotechnology.
6.	Dr. Mairaj Ahmad Ansari, Assistant Professor	Ph. D.	Deputy Director of Centre for Virology, School of Interdisciplinary sciences and Technology (SIST), Jamia Hamdard, New Delhi. Hostel Warden JLN and Assistant Provost for Boys, Jamia Hamdard, New Delhi. Member of University Planning and Development Cell, Jamia Hamdard, New Delhi. Member of Centre for Scientific and International collaboration, Jamia Hamdard, New Delhi. Member of Board of Studies, Department of Biotechnology. Special invitee member for Dept. of Molecular Medicine.

3. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Prof.Niranjan Chakraborty Professor of Eminence from the National Institute of Plant Genome Research, New Delhi	Plant and environmental stress	Stress Proteomics and Gene Expression and regulation.	

4. Programmes/Courses offered by the Department during 2022-2023 4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	B.Sc. M.Sc. Integrated	UG	30 per year	26- Second year + 26 (Third year)
2.	B.Sc.Biotechnology (Hons with Research) [FYUP]	UG	40 per year	42
3.	M.Sc. Biotechnology	PG	50 per year	39(First year) +55(second year)
4.	Ph.D Biotechnology	Doctoral	As per vacancies	45

5. New programme(s)/Courses launched during 2022 – 2023:

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Enrollment in the year
1.	M.Tech Biotechnology	PG	10	10

6. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl.No.	Details	Rupees in Lakhs
1.	ChemiDoc Imaging Sytem S.No. 721BR19769 (Biorad)	12 Lacs
2.	CFX Opus 384 Real Time PCR System S.No. 796BR02487	20 Lacs
3.	Potentiostat (Metrohm) IS4091135A	9.5 lakhs
4.	Biosafety Cabinet 2 (BSL -2)[Haier]HR 40-IIB2	7.7 lakhs

7. Details of post-doctoral Research scholars attached to the Department during 2022- 2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Mohd Akram	Project entitled “ Mechanism mediating innate functions and gene regulation by CGAS IN in the nucleus during de novo and latent Herpesvirus infection”	DBT- Wellcome Trust India Alliance Fellowship	Biotechnology
2.	Dr. Abul Vafa	Project entitled “Therapeutic potential of Diosmin/Diosgenin against prostate caner: a proteome based study”.	ICMR fellowship	Biotechnology

9 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Swati	Isolation and characterization of salinity responsive genes in <i>Oryza coarctata</i>	Prof. M.Z. Abdin	CSIR Fellowship
2.	Palak Gupta	Multi-omics approach to decipher the genes and pathways associated with cleistogamy in pigeonpea (<i>Cajanus cajan</i> (L) Millsp).	Prof. M. Z. Abdin	CSIR Fellowship
3.	Anupam Singh	Identification and Characterization of genomic variations associated with early maturity in pigeon pea.	Prof. M. Z. Abdin MoU	CSIR Fellowship
4.	Kaushik Halder	Molecular Cloning, expression analysis and functional characterization of <i>Solanum lycopersicum</i> C. repeat binding factor 1.	Prof. M. Z. Abdin	DST Inspire Fellowship
5.	Afreen Rashid	Characterization of CRISPR-Cas9 mediated knockoutmutants of Blast disease susceptible genes in the Indian Rice Cultivar BPT5204 against different isolates of magnaporthe.	Prof. M.Z. Abdin	None
6.	Harsha Srivastava	Identification and Characterization of lnc RNase for yield trait in pigeon pea	Prof. M.Z. Abdin	ICAR-Project Fellow
7.	Jyoti Sharma	Understanding the molecular mechanism of white compatibility genes in <i>Brassica rapa</i>	Prof. M.Z. Abdin	CSIR Fellowship
8.	Kudsiya Ashrafi	Modulation of miRStv_7 expression to evaluate its impact on Steviol glycosides accumulation in <i>Stevia rebaudiana</i>	Prof. M.Z. Abdin	DBT Fellowship
9.	Firdaus Qamar	Evaluation of the over-expression of biosynthesis genes on artemisin content and yield in <i>Artemisia annua</i>	Prof. M.Z. Abdin	HNF Fellowship
10.	Anuradha Mishra	Development and evaluation of anti malarial efficacy of cell suspension culture of bioengineered <i>Artemisia annua</i>	Prof. M.Z. Abdin	CSIR Fellowship
11.	Priya Sharma	Molecular regulation of steviol glycosides biosynthetic pathway in <i>Stevia rebaudiana</i>	Prof. M.Z. Abdin	CSIR Fellowship

12.	Ms. Syed Saima Malik	Development and evaluation of nano-formulation(s) of bioactive compounds of <i>S. rebaudiana</i> against diabetes	Prof. M.Z. Abdin	None
13.	Ms. Yalnaz	The development of anti-diabetic functional food product targeting the health and wellness market.	Prof. M.Z. Abdin	None
14.	Mr. Ehtesham Reja	Development and characterization of nanoformulation(s) encapsulating hepatoprotective agents for treatment of	Prof. M.Z. Abdin	None
		Non Alcoholic Fatty Liver Diseases.		
15.	Amber Rizwan	Screening and analysis of Dietary polyphenols as histone deacetylase inhibitors (HDACi) in selective nutraceutical legumes	Dr. Humaira Farooqi	ICMR Fellowship
16.	Anam Nizam	Screening and characterization of nanoparticles from selected medicinal plants for anti-asthmatic potential	Dr. Humaira Farooqi	None
17.	Yusra Iqbal	Evaluation of anti-cancer activity of stem cells loaded with nanoparticles	Dr. Humaira Farooqi	None
18.	Furqan	Plant based nano formulation and evaluation of anticancer activity of selected medicinal plants in mitigation of lung cancer: An <i>in silico</i> , <i>in vitro</i> and approach	Dr. Humaira Farooqi	DST-PURSE Fellowship
19.	Nimisha Gupta	Proteomic and metabolomic profiling of serum in renal amyloidosis	Dr. Saima Wajid	ICMR Fellowship
20.	Sana Kauser	Tissue proteomic analysis for evaluation of therapeutic potential of <i>Artemisia absinthium</i> based nano formulation in chemical induced breast cancer	Dr. Saima Wajid	CSIR Fellowship
21.	Sanskriti	Therapeutic evaluation of <i>Ipomea turpethum</i> extract loaded polymeric nanoparticles in DMBA induced breast cancer model using tissue proteomic analysis	Dr. Saima Wajid	CSIR Fellowship
22.	Rupali Ghosh	Evaluation of anticancer activity of plant extract on breast cancer	Dr. Saima Wajid	UGC Fellowship

23.	Tazeem Zehra	Title of research work to be finalised.	Dr. Saima Wajid	DST Inspire Fellowship
24.	Syed Abuzar Raza Rizvi	Title of research work to be finalised.	Dr. Saima Wajid	None
25.	Sagar Verma	Exploring neuromuscular junction disassembly in Amyotrophic lateral sclerosis	Supervisor: Pradip K. Chakraborti Co-Supervisors: Saima Wajid & Vibha Taneja	CSIR Fellowship
26.	Pradakshina Sharma	Development of biosensor for the detection of Chikungunya virus.	Dr. Jagriti Narang	ICMR Fellowship
27.	Mohd. Rahil Hasan	Construction of biosensor for the detection of Dengue virus.	Dr. Jagriti Narang	ICMR Fellowship
28..	Osheen Ansari	Biosensor for the detection of Coronavirus.	Dr. Jagriti Narang	None
29.	Nigar Anzar	Fabrication of biosensor for Amphetamine detection	Dr Jagriti Narang	DBT Fellowship
30.	Shariq Suleman	Construction of biosensor for the detection of Ketamine	Dr Jagriti Narang	None
31.	Mr. Saumira Singh	Development of Biosensor for the detection of Alzhemeir Disease	Dr. Jagriti Narang	None
32.	Onaiza Ansari	Exploring PE Protein Family of <i>Mycobacterium tuberculosis</i> for Autophagy modulation and immune suppression.	Javaid A. Sheikh	None
33.	Anam Mursaleem	Designing of novel host directed therapies against tuberculosis by exploring PPE protein family at host pathogen interface.	Dr. Javaid A. Sheikh	None
34.	Priyanka Kumari	Role of nitrogen dependent gene involved in iron uptake and assimilation in rice genotype	Dr. Javaid Ahmad Sheikh	DST Women Scientist
35.	Syeda Rushna	Molecular mimicry of host autophagymachinery by proteins of mycobacterium tuberculosis, the possible immunopathogenesis of TB disease.	Dr. Javaid Ahmed Sheikh	None
36.	Manu Sharma	"Isolation and Characterization of MTB infected Alveolar macrophage cell derived exosomes and evaluation of their therapeutic potentials.	Dr. Mairaj Ahmed Ansari	DSTInspire Fellowship
37.	Mr. Aditya Goel	Innate immune responses during Herpes virus infection.	Dr. Mairaj Ahmed Ansari	ICMR Fellowship

38.	Ms. Manu Sharma	Development of Exosome based vaccine against pulmonary tuberculosis.	Dr. Mairaj Ahmed Ansari	DST- Inspire Fellowship
39.	Mr. Stelin Singh	Computational prediction of Host pathogen interactions.	Dr. Mairaj Ahmed Ansari	None
40.	Mr. Imamul Haque	A study on characterization of economically produce human culture epidermis in line with current regulatory requirement.	Dr. Mairaj Ahmed Ansari	ICMRFellowship

9 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Ms. Shazia Khan	Analysis of miRNAs and Their Role in Modulating Artemisinin Biosynthesis in <i>Artemisia annua</i> L.	23.08.2022	Prof. M.Z. Abdin
2.	Ms. Chunoti Changwal	Salicylic acid mediated regulation of postharvest life of tomato.	9-09-2022	Prof. M.Z. Abdin
3.	Ms. Azra Anjum	Evaluation of <i>Macrotyloma uniflorum</i> as a modulator in cancer therapy	29-09-2022	Dr. Humaira Farooqi
4.	Mr. Rabinder Singh	High value compounds in microalgae: an omics perspective	17-02-2023	Dr. Humaira Farooqi

10.(a) Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1.	National Conference of Biotechnology for Sustainable Development and Human Welfare	22 nd Nov-23 rd Nov, 2022	DST-SERB and DBT-CTEP Cell	250

10.(b) Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Humaira Farooqi	UGC HRDC, Refresher course	2-08-2022-18-08-2022	Jamia Millia Islamia
2.	Dr. Saima Wajid	UGC HRDC, Refresher course	2-08-2022-18-08-2022	Jamia Millia Islamia
3.	Dr. Mairaj Ahmed Ansari	UGC HRDC, Refresher course	2-08-2022-18-08-2022	Jamia Millia Islamia

11. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Prof. M.Z. Abdin, Head, Department of Biotechnology, SCLS, Jamia Hamdard	"Emerging trends in regulation of secondary metabolites for improved therapeutic efficacy of medicinal plants"	National Conference on Emerging Trends in Plant Science Research with special Emphasis on Medicinal Plants and One Day workshop cum Buyers Sellers Meet on Medicinal Plants organized by Department of Botany, Savitribai Phule Pune University held on 14 th -16 th March 2023.	N/A	200
2.	Prof. M.Z. Abdin, Head, Department of Biotechnology, SCLS, Jamia Hamdard	"A molecular approach for production of modified stevia sweetener with enhanced sweetening index"	International Conference on Recent Trends in Biotechnology and Applied Bioinformatics (ICRTBAB) 2023 organized by Department of Biotechnology in association with Department of CSE and CSA, Sharda School of Engineering and Technology, Sharda University, Noida, U.P. held on 27 th 29 th April, 2023.	N/A	250
3.	Prof. M.Z. Abdin, Head, Department of Biotechnology, SCLS, Jamia Hamdard	"Genome Engineering and DNA fingerprinting to evaluate efficacy of Unani Medicines"	2 nd National Seminar on Integrative Approach for Research in Unani Medicine organized by Department of Ilmul Advia, Faculty of Unani Medicine, Aligarh Muslim University, Aligarh held on 2 nd -3 rd March, 2022.	N/A	200

12. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
	Prof. M.Z. Abdin (Programme Coordinator)	Fund for Improvement of S&T infrastructure in universities & higher educational institutions (FIST)	15.03.2021	15.03.2026	Running	N/A
	Prof. M.Z. Abdin (Programme Coordinator)	M.Tech in Biotechnology Supported by DBT, Govt. of India	15.03.2023	15.03.2025	Running	N/A
	Dr. Humaira Farooqi	Macrotyloma uniflorum, an underutilized pulse as a nutraceutical- in vitro, in vivo and insilico approach. (ICMR, ad hoc-Thirty nine lakh fifty thousand and thirty nine only)-	15.02.2023	15.02.2026	Running	
	Dr. Jagriti Narang	Electrochemical multiplexed paper based analytical apta-sensor integrated with 2D nanomaterials for the detection of dengue and Chikungunya at the point of care (ICMR-34 lakh)	20.06.2021	27.06.2024	Running	
	Dr. Jagriti Narang	Electrochemical sensor connected to smart phone app for club drug detection at point of need (DBT - Thirty four lakh)	20.01.2022	20.01.2025	Running	

	Javaid A. Sheikh	Immune dysregulation and metabolic reprogramming by PE/PPE proteins of <i>Mycobacterium tuberculosis</i> ; a double whammy master stroke. (UGC Start Up; 10 Lakhs)	01 Mar 2020	28 Feb 2023	Running	Nil
	Javaid A. Sheikh	Deciphering the Functional Link between Ubiquitin Proteasome Pathway and Xenophagy: Role of PE_PGRS protein family of <i>Mycobacterium tuberculosis</i> . (SERB; 26,29,000)	30 Dec 2020	29 Dec 2022	Running	01 Project Assistant
	Dr. Mairaj Ahmed Ansari	DST SERB funded, "Characterization of <i>M.tb</i> , MDR- <i>M.tb</i> , BCG, rBCG, infected Alveolar macrophages and ESAT-6 antigen over expressing cells derived exosomes and their potential as effective adjuvant and candidate vaccines". (March 2019-March 2022)	March 2019-----	July 2022		NA
	Dr. Mairaj Ahmed Ansari	DBT/Wellcome Trust India Alliance Intermediate fellowship "Mechanism mediating innate functions and gene regulation by cGAS in the nucleus during de novo and latent Herpesvirus infection". (January 2021-December 2025).	January 2021	December 2025	Running	1 Senior Research Associate (Post Doc fellow). 1 JRF

13. Consultancy Projects taken up by the faculty members (2022-2023)

Sl. No.	Name of faculty Member of Deptt./Centre	Details of the Project/Title	Funds generated (Rs. in Lakh)
1.	Prof. M.Z. Abdin	Consultancy project on "Medicinal Cannabis" sponsored by M/s Hydrogreen Leaf Pvt. Ltd. Noida, U.P. (Running)	2,94,21,120 INR

14. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof. M.Z. Abdin	<ol style="list-style-type: none"> 1. Nasrullah, N., Ahmad, J., Saifi, M., Shah, I. G., Nissar, U., Quadri, S. N., Abdin, M. Z. (2023). Enhancement of diterpenoid steviol glycosides by co-overexpressing <i>SrKO</i> and <i>SrUGT76G1</i> genes in <i>Stevia rebaudiana</i> Bertoni. <i>Plos one</i>, 18(2), e0260085. (IF:3.75) 2. Qamar, F., Khan, S., Ashrafi, K., Iqar, S., Quadri, S. N., Saifi, M., and Abdin, M. Z. (2022). Germline transformation of <i>Artemisia annua</i> L. plant via in planta transformation technology "Floral dip". <i>Biotechnology Reports</i>, 36, e00761. (IF:4.98) 3. Saifi, M., Ashrafi, K., Nasrullah, N., Bhardwaj, U., and Abdin, M. Z. (2022). Integrated miRNA, target mRNA, and metabolome profiling of <i>Tinospora cordifolia</i> with reference to berberine biosynthesis. <i>3 Biotech</i>, 12(11), 1-17. (IF:2.89) 4. Fatima, S., Ali, M., Quadri, S.N., Beg, S., Samim, M., Parvez, S., Abdin, M.Z., Mishra, P. and Ahmad, F.J. (2022). Crafting γ-L-Glutamyl-L-Cysteine layered Human Serum Albumin-nanoconstructs for brain targeted delivery of ropinirole to attenuate cerebral ischemia/reperfusion injury via "3A approach". <i>Biomaterials</i>, 289, p.121805.(IF:15.3) 5. Ashrafi, K., Iqar, S., Saifi, M., Khan, S., Qamar, F., Quadri, S. N., and Abdin, M. Z. (2022). Influence of Plant Growth Regulators on Glandular Trichome Density and Steviol Glycosides Accumulation in <i>Stevia rebaudiana</i>. <i>ACS omega</i>, 7(35), 30967-30977. (IF:4.13; Citations: 01) 6. Palmo, T., Abbasi, B.A., Chanana, N., Sharma, K., Faruq, M., Thinlas, T., Abdin, M.Z. and Pasha, Q., (2022). The EDN1 Missense Variant rs5370 G> T Regulates Adaptation and Maladaptation under Hypobaric Hypoxia. <i>International Journal of Environmental Research and Public Health</i>, 19(18), p.11174. [IF: 4.61] 7. Halder, K., Chaudhuri, A., Abdin, M. Z., Majee, M., and Datta, A. (2022). Chromatin-Based Transcriptional Reprogramming in Plants under Abiotic Stresses. <i>Plants</i>, 11(11), 1449. [IF: 4.6; Citation: NA] 8. Iqar, S., Ashrafi, K., Khan, S., Saifi, M., Nasrullah, N., and Abdin, M. Z. (2022). Set of miRNAs Involved in Sulfur Uptake and the Assimilation Pathway of Indian Mustard (<i>B. juncea</i>) in Response to Sulfur Treatments. <i>ACS Omega</i>, 7(15), 13228-13242. [IF: 4.13; Citation: NA] 9. Nirwan, S., Chatterjee, A., Tewari, A.K., Agnihotri, A., Sharma, P., Abdin, M.Z. and Shrivastava, N., (2022). Pathotyping of white rust pathogen <i>Albugo candida</i> on Brassicaceae hosts in India. <i>Indian Phytopathology</i>, 75(2), pp.383-393. [IF: 0.25; Citation: 02] 10. Bonthala, B., Abdin, M. Z., Arya, L., Pandey, C. D., Sharma, V., Yadav, P., and Verma, M. (2022). Genome-wide SSR markers in bottle gourd: development, characterization, utilization in assessment of genetic diversity of National Genebank of India and synteny with other related cucurbits. <i>Journal of Applied Genetics</i>, 63(2), 237-263. [IF: 2.65; Citation: NA] 11. Kumar, V., Singh, P. K., Karkute, S. G., Tasleem, M., Bhagat, S., Abdin, M. Z., and Solanke, A. U. (2022). Identification of novel resources for panicle blast resistance from wild rice accessions and mutants of cv. Nagina 22 by syringe inoculation under field conditions. <i>3 Biotech</i>, 12(2), 1-11. [IF: 2.89; Citation: NA] 12. Islamuddin, M., Ali, A., Khan, W.H., Ali, A., Hasan, S.K., Abdullah, M., Kato, K., Abdin, M.Z. and Parveen, S., (2022).

		<p>Development of Highly Sensitive Sandwich ELISA for the Early-Phase Diagnosis of Chikungunya Virus Utilizing rE2-E1 Protein. Infection and Drug Resistance, pp.4065-4078. [IF: 1.03]</p> <p>13. Halder, K., Chaudhuri, A., Abdin, M.Z., Majee, M. and Datta, A., (2022). RNA Interference for Improving Disease Resistance in Plants and Its Relevance in This Clustered Regularly Interspaced Short Palindromic Repeats-Dominated Era in Terms of dsRNA-Based Biopesticides. <i>Frontiers in Plant Science</i>, 13. [IF:6.62; Citation: 01]</p>
2.	Dr. Humaira Farooqi	<p>1. Anshu Agarwal, Vikash Kansal, Humaira Farooqi, Ram Prasad, Vijay Kumar Singh(2023), Epigallocatechin Gallate(EGCG), an Active Phenolic Compound of Green Tea, Inhibits Tumor Growth of Head and Neck Cancer Cells by Targeting DNA Hypermethylation. <i>Biomedicine</i> [IF4.7] indexed within Scopus, SCIE (Web of Science)</p> <p>2. Shahin Ali, Shehla Adhami, Humaira Farooqi (2022) Cervical Cancer Care & Management: A Conquerable Malignancy. <i>VSRD International Journal of Biotechnology & Pharmaceutical Sciences</i>. ISSN (print) 2278-9197 ISSN (online) 2278-9197</p> <p>3. Vikash Kansal, Anshu Agarwal, Angela Harbour, Humaira Farooqi, Vijay Kumar Singh and Ram Prasad. (2022). Regular Intake of Green Tea Polyphenols Suppresses the Development of Non-melanoma Skin Cancer through miR-29-mediated Epigenetic Modifications. <i>J. Clin. Med.</i> [IF3.9] ISSN: 2077-0383 indexed within Scopus, SCIE (Web of Science)</p>
3.	Dr. Saima Wajid	<p>1. Chemokines and cytokines: Axis and allies in prostate cancer pathogenesis. In <i>Seminars in Cancer Biology</i> (Vol. 86, pp. 497-512) February 2022. UGC-CARE listed</p> <p>2. Comparative genomic analyses of <i>Bacillus subtilis</i> strains to study the biochemical and molecular attributes of nattokinases. <i>Biotechnology Letters</i>. 2022 Mar;44(3):485-502. UGC-CARE listed</p> <p>3. In silico analyses of the human sperm-specific antigen 2 and its role in oral squamous cell carcinoma. <i>Applied Research</i>. 2022 Jun;1(1-2):e202100010.</p> <p>4. The potential role of U2AF1L4 cDNA 3' stretch mutations in oral carcinogenesis. <i>Advances in Cancer Biology-Metastasis</i>. 2022 Jul 1;4:100030. SCOPUS listed</p> <p>5. Elevated expression of ISY1, APOA-1, SYNE1, MTG1, and MMP10 at HCC initiation: HCC specific protein network involving interactions of key regulators of lipid metabolism, EGFR signaling, MAPK, and splicing pathways. <i>Protoplasma</i>. 2023 Mar;260(2):651-62. UGC-CARE listed</p> <p>6. Systemic aftermaths of tobacco addiction on the physiological composite of human secretome and the prognostic potential of U2AF26 in oral cancers. <i>Advances in Cancer Biology-Metastasis</i>. 2022 Dec 1;6:100075. SCOPUS listed</p> <p>7. Identification of a survival associated gene trio in chemical induced breast cancer. <i>Biochimie</i>. 2023 May 1;208:170-9 UGC-CARE listed</p>
5.	Dr. Javaid A. Shaikh	<p>1. Shariq M, Sheikh JA, Quadir N, Sharma N, Hasnain SE, Ehtesham NZ. COVID-19 and tuberculosis: the double whammy of respiratory pathogens. <i>Eur Respir Rev</i>. 2022 Apr 13;31(164):210264. doi: 10.1183/16000617.0264-2021. ISSN: 0905-9180 (Print); 1600-0617 (Electronic); 0905-9180 (Linking)</p> <p>2. Sheikh JA, Malik AA, Quadir N, Ehtesham NZ, Hasnain SE. Learning from COVID-19 to tackle TB pandemic: From despair to hope. <i>Lancet Reg Health Southeast Asia</i>. 2022 Jul;2:100015. doi: 0.1016/j.lansea.2022.05.004 ISSN: 2772-3682 (Electronic); 2772-3682 (Linking)</p> <p>3. Malik AA, Sheikh JA, Ehtesham NZ, Hira S, Hasnain SE. Can <i>Mycobacterium tuberculosis</i> infection lead to cancer? Call for a paradigm shift in understanding TB and cancer. <i>Int J Med Microbiol</i>.</p>

		<p>2022Jul;312(5):151558. doi: 10.1016/j.ijmm.2022.151558.ISSN: 1438-4221 (Print); 1618-0607 (Electronic); 1438-4221 (Linking)</p> <p>4. Shariq M, Quadir N, Alam A, Zarin S, Sheikh JA, Sharma N, Samal J, Ahmad U, Kumari I, Hasnain SE, Ehtesham NZ. The exploitation of host autophagy and ubiquitin machinery by Mycobacterium tuberculosis in shaping immune responses and host defense during infection. <i>Autophagy</i>. 2023 Jan;19(1):3-23. doi:10.1080/15548627.2021.2021495 ISSN: 1554-8627 (Print); 1554-8635 (Electronic); 1554-8627 (Linking)</p>
	Dr Jagriti Narang	<p>1. P Sharma, S Suleman, A Farooqui, W Ali, J Narang, SJ Malode, NP Shetti Analytical methods for Ebola virus detection <i>Microchemical Journal</i> 178, 107333</p> <p>2. F Mohsin, S Suleman, N Anzar, J Narang, S Wadhwa A review on Japanese Encephalitis virus emergence, pathogenesis and detection: From conventional diagnostics to emerging rapid detection techniques <i>International Journal of Biological Macromolecules</i>, Volume 217, 30 September 2022, Pages 435-448.</p> <p>3. N Anzar, S Suleman, R Kumar, R Rawal, CS Pundir, R Pilloton, J Narang Electrochemical Sensor for Bilirubin Detection Using Paper-Based Screen-Printed Electrodes Functionalized with Silver Nanoparticles <i>Micromachines</i> 13 (11), 1845.</p> <p>4. P Sharma, H Hassan, MR Hasan, T Fatima, H Mohan, M Khanuja, <u>PBIS-based system integrated with zinc-silver nanocomposite for the detection of Chikungunya virus</u> <i>Biosensors and Bioelectronics: X</i> 13, 100303</p> <p>5. A Bishoyi, MA Alam, MR Hasan, M Khanuja, R Pilloton, J Narang Cyclic voltammetric-paper-based genosensor for detection of the target DNA of Zika virus <i>Micromachines</i> 13 (12), 2037.</p> <p>6. NK Mehto, P Sharma, S Kumar, M Khanuja, R Rawal, J Narang Towards papertronics based electrode decorated with zinc oxide nanoparticles for the detection of the yellow fever virus consensus sequence <i>Process Biochemistry</i> 123, 36-43.</p> <p>7. MR Hasan, P Sharma, S Shaikh, S Singh, R Pilloton, J Narang Electrochemical Aptasensor Developed Using Two-Electrode Setup and Three-Electrode Setup: Comprising Their Current Range in Context of Dengue Virus Determination <i>Biosensors</i> 13 (1), 1.</p> <p>8. N Anzar, S Suleman, S Parvez, J Naran A review on Illicit drugs and biosensing advances for its rapid detection <i>Process Biochemistry</i> 113, 113-124.</p>
6.	Dr. Mairaj A. Ansari	<p>1. Fatma H, Jameel M, Akhtar K, Ansari MA, Siddique HR. Implication of Lupeol in compensating Sorafenib-induced perturbations of redox homeostasis: A preclinical study in mouse model. <i>Life Sciences</i>, 2023, 322, 121647, https://doi.org/10.1016/j.lfs.2023.121647.</p> <p>2. Khan SA, Parasher P, Ansari MA, Parvez S, Fatima N, Alam I. Effect of an Integrated Physiotherapy Protocol on Knee Osteoarthritis Patients: A Preliminary Study. <i>Healthcare</i>, 2023, 11 (4) 564.</p> <p>3. Quasimi H, Naaz S, Dhyani N, Bhagat S, Khan GA, Ansari MA, Alam MI. Evaluation of Hemodynamics and Oxidative Stress in the Pathophysiology of L-NAME Induced Preeclampsia in Rats. <i>Acta Scientific MICROBIOLOGY</i>, 2022, 5:12</p> <p>4. Alam MI, Quasimi H, Kumar A, Alam A, Bhagat S, Alam MS, Khan GA, Dhulap A, Ansari MA. Protective effects of novel diazepam derivatives in snake venom induced sterile inflammation in experimental animals. <i>European Journal of Pharmacology</i>. 2022, 928:175095.</p> <p>5. Qadir M, Bhagat S, Quasimi H, Ali I, Khan A, Ansari MA, Alam I. SARS CoV-2 and Inflammation: Its impact on the cardiovascular</p>

		<p>system. Cardiology and cardiovascular medicine, 2022; 6 (157-170).</p> <p>6. Singh S, Ansari M.A. High Altitude Related Diseases: Milder Effects, HACE, HAPE, and Effect on Various Organ Systems In "High Altitude Sickness–Solutions from Genomics, Proteomics and Antioxidant Interventions" Springer, Singapore, July 2022, 37-49</p>
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15. Achievements/Recognitions/Awards received/awarded to faculty members (Pls give details)

- Dr. Jagrati Narang Awarded **Top 2 percent of world scientists** in the field of Analytical chemistry. Updated science wide author database of standardized citations Indicators.

a. Keynote or plenary speaker.

- Delivered a Plenary Lecture on "Emerging trends in regulation of secondary metabolites for improved therapeutic efficacy of medicinal plants" at National Conference on Emerging Trends in Plant Science Research with special Emphasis on Medicinal Plants and One Day workshop cum Buyers Sellers Meet on Medicinal Plants organized by Department of Botany, Savitribai Phule Pune University held on 14th-16th March 2023.
- Dr. Mairaj Ansari was invited Keynote speaker in Two-Weeks Professional Development Program (PDP) on "Future prospects of Molecular Technologies in Biological Research"

16. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	DelveInsight Company	1	4 LPA Package
2.	ZS Associates	1	12+3 LPA Package
3.	Biocon	1	3.5 LPA Package

DEPARTMENT OF CHEMISTRY**1. Head/Director of the Department/Centre/Unit: Prof. M. S. Alam****2. Faculty members: (1st April, 2022 to 31st March, 2023)**

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Prof. M.S. Alam (Professor)	Ph.D.	<ul style="list-style-type: none"> Chief Proctor, JH Chairman, Central Purchase Committee, JH Prof Incharge Security & Transport, JH Member Campus Development Committee Chairman, Departmental Admission & Examination Committee
2	Prof. Kalim Javed (Professor)	Ph.D.	
3	Dr. Hinna Hamid (Associate Professor)	Ph.D.	<ul style="list-style-type: none"> Deputy Director CTSI, JH In charge Day Care, JH Member ICC, JH President Badminton and TT club Member University Web cell Member Horticulture cell, JH Member Departmental Program Committee Convener Departmental Admission & Examination Committee
4	Dr. M. Samim (Associate Professor)	Ph.D.	<ul style="list-style-type: none"> Incharge CIF, JH Ph.D Co-coordinator, D/o Chemistry Member Departmental Purchase Committee SWAYAM/MOOCs Coordinator (Academic course coordinator) Departmental level Member Departmental Program Committee
5	Dr. Syed Shafi (Assistant Professor)	Ph.D.	<ul style="list-style-type: none"> Member, Admission & Examination Committee Member, Cricket Club Member Departmental Program Committee
6	Dr. Kamla Rawat (Assistant Professor)	Ph.D.	<ul style="list-style-type: none"> Examination & Tabulation of D/o Chemistry. Member in the development of new course in textile chemistry in D/o Chemistry. Member, Admission & Examination Committee Member, Board of Studies, Chemistry, SCLS, Jamia Hamdard Co-coordinator of the committee of student's attendance of UG & PG
7	Dr. Imran A. Khan (Assistant Professor)	Ph.D.	<ul style="list-style-type: none"> Member of Central Examination Committee of SCLS Co-coordinator of LCMS
			<ul style="list-style-type: none"> Co-coordinator of DIF Nodal Officer for smart ID card
8	Dr. Najmul Hasan (Assistant Professor) (on contractual basis)	Ph.D.	<ul style="list-style-type: none"> Co-coordinator of the committee of student's attendance of UG & PG

3. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	B.Sc (Hons. with Research) Chemistry	UG	20	06
2	M.Sc Chemistry	PG	40	20
3	Ph.D Chemistry	Doctoral	14	03

4. New programme(s)/Courses launched during 2022 – 2023

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Enrollment in the year
1	FYUP in Chemistry	UG	20	6

5. Programme discontinue, if any, during 2022-2023

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Reason of discontinuance, if any
1	B.Sc-M.Sc Integrated Program, Chemistry	UG	20	NEP-2020 adopted.

6. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1	Rotavapor, Buchi (DST purse grant): 02 No.	11,01,872.40
2	Rotary Evaporator, Heidolph (Dr. Imran A. Khan ICMR project grant): 01 No.	8,45,000.00
3	Rotavapor, Buchi (Dr. Syed Shafi ICMR project grant): 01No	5,50,938.00

8 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Bharti	Synthesis of some heterocyclic compounds with anticancer activity	Prof. M.S Alam	
2	Farhat Ramjan	Synthesis of novel antidiabetic agents possessing Ari Activity	Prof. Kalim Javed	ICMR-SRF
3	Mehak Saba Lone	Synthesis of some heterocyclic compounds of pharmaceuticals interest.	Prof. Kalim Javed	
4	Gowsia Akhtar	Synthesis of N, and O, containing heterocyclic as potential Fab I inhibitors	Dr. Hinna Hamid	ICMR-SRF
5	Waqas Ahmad Khan	Chemistry	Dr. Hinna Hamid	
6	Dar Junaid Bashir	Synthesis and characterization of chitosan-collagen nanocapsules and their applications in drug delivery for neurodegenerative disease	Dr. M. Samim	ICMR-SRF
7	Saliha Manzoor	Morphology dependent toxicological evaluation of platinum nanoparticles	Dr. M. Samim	
8	Aarzo	Morphology dependent toxicological evaluation of Palladium Nanoparticles	Dr. M. Samim	ICMR-SRF
9	Mohd. Sarfaraj	Chemistry	Dr. M. Samim	
10	Garvit Gupta	Chemistry	Dr. M. Samim	
11	Jyoti Aboti	Synthesis of some novel vaccine adjuvants and antiproliferative agents	Dr. Syed Shafi	
12	Rabiya Samoon	Development of novel Dpr E1 inhibitors to combat tubercular infections.	Dr. Syed Shafi	

13	Sweta Sharma	Development of β -Nitrostyrenes and their bio-isosteres as anti-leishmanial agents.	Dr. Syed Shafi	
14	Mohd. Minzar	Chemistry	Dr. Kamla Rawat	
15	Anam Khalid	Exploration of mild catalytic system for Csp2-H/Csp3-H Activation: Towards Pillar (S) are based multivalent ligands as cholera prophylactics	Dr. Imran A. Khan	ICMR-SRF
16	Huma Basheer	Chemistry	Dr. Imran A. Khan	ICMR-JRF
17	Mohd. Junaid Khan	Chemistry	Dr. Imran A. Khan	

8 (b) PhD Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Arif Khan	"Natural Product inspired synthesis of bioactive molecules: Their Anti-proliferative, bacterial NorA efflux pump inhibition and computational studies"	January 11, 2023	Dr. Syed Shafi
2	Syed Ayaz Nabi	"Synthesis of novel heterocyclic compounds of medicinal interest"	February 9, 2023	Prof. Kalim Javed

9. Faculty Development Programmes / Workshops/Induction programmes / Orientation Programmes / MOOCs etc. attended by the Faculty Members

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1	Dr. Syed Shafi	One week online Faculty Development programme	20-26 March, 2023	University of Delhi
2	Dr. Kamla Rawat	Two weeks online refresher course	September 22, 2022 to October 6, 2022	University of Delhi
3	Dr. Imran A. Khan	Two weeks online refresher course	July 12, 2022 to July 25, 2022	University of Delhi

10. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr. Bindu Mangla, Associate Professor, Department of Chemistry, YMCA	"Recent Advances in field of corrosion: Sustainable Approach"	07/12/2022 Conference Hall, SCLS	Nil	52
2	Dr. G.S Kapur, Former Executive Director, IOC, Faridabad	"Circular Plastic Economy- Value creation from single use plastic waste"	02/03/2023 Conference Hall, SCLS	Nil	53
3	Prof. Akhilesh K. Verma, Professor, Department of Chemistry, D.U	"O-alkynyl aldehydes and O-Alkynyl/alkenyl Aryl nitriles: Versatile Building blocks for the Construction of small organic molecules of Pharmaceutical Interest.	22/03/2023 Conference Hall, SCLS	Nil	55

11. Visits by Distinguished persons/Foreign faculty or delegates to the University/Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/Deptt./Centre	Date
	Dr. Bindu Mangla, Associate Professor	Department of Chemistry, YMCA	For Invited Lecture	Chemistry, SCLS	07/12/2022
	Dr. G.S Kapur	Former Executive Director, IOC, Faridabad	For Invited Lecture	Chemistry, SCLS	02/03/2023
	Prof. Akhilesh K. Verma,	Professor, Department of Chemistry, D.U	For Invited Lecture	Chemistry, SCLS	22/03/2023

12. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Prof. M.S Alam	"Development of Chemical profile and identification of bioactive & chemical markers for authentication and elite identification of the selected Unani herbal drugs"	2022	2025	running	Under process
2	Dr. Syed Shafi	Development of Michael acceptor based peptidyl, cinnamic acid and chalcone derivatives as cysteine protease inhibitors for leishmaniasis. ICMR (6/9-7(264)/KA/2021-ECD-II) Two years, 21.5 Lakhs	2022	2024	running	1 (ICMR-JRF)
3	Dr. Imran A. Khan	<i>Towards the Design and Synthesis of Multivalent Cholera toxin antagonists: A novel Cholera prophylactics</i> ICMR-EMR (Adhoc) 3 years, 37,00,000/-	2020	2023	running	1 (ICMR-JRF)

13. Patents granted to/filed by the faculty members/scholars (please provide brief detail)

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1	201811021906	N-doped Carbon Nano Sheet based hydrogel composite for wound healing	Aarti Singh, Adeeba Shakeel, Monalisa Mukherjee (AICCRS), Sandip Chakrabarti (AINT), Satyendra Kumar Rajput (AIP), Himadri Bihari Bohidar (JNU), Kamla Rawat (JH) Filed on January 06, 2023.	January 06, 2023.	February 02, 2023

14. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Prof. M.S Alam Professor	Bharti Dhawan, Gowsia Akhter, Hinna Hamid, Prashant Kesharwani, Mohammad Sarwar Alam . Benzoxaboroles: New emerging and versatile scaffold with a plethora of pharmacological activities. <i>Journal of Molecular Structure</i> . 2022, 1252, 132057.
2	Prof. M.S Alam Professor	Imran Khan, Mushtaq A Tantray, Hinna Hamid, Mohammad Sarwar Alam , Kalicharan Sharma, Prashant Kesharwani. Design, synthesis, in vitro antiproliferative evaluation and GSK-3 β kinase inhibition of a new series of pyrimidin-4-one based amide conjugates. <i>Bioorganic Chemistry</i> . 2022, 119, 105512.
3	Prof. Kalim Javed Professor	Mehak Saba Lone, Syed Ayaz Nabi, Farhat Ramzan Wani, Manika Garg, Shaista Amin, Mohammed Samim, Syed Shafi, Farah Khan, Kalim Javed . Design, synthesis and evaluation of 5-chloro-6-methylaurone derivatives as potential anti-cancer agents. <i>Journal of Biomolecular Structure and Dynamics</i> 2023. (doi.org/10.1080/07391102.2023.2183716). (IF=5.235). ISSN: 2046-2069.
4	Prof. Kalim Javed Professor	Mehak Saba Lone, Mohamad Mosa Mubarak, Syed Ayaz Nabi, Farhat Ramzan Wani, Shaista Amin, Sayima Nabi, Hadiya Amin Kantroo, Mohammed Samim, Syed Shafi, Shamim Ahmad, Zahoor Ahmad, Syed Ovais Rizvi, Kalim Javed . Isonicotinoyl-butanoic acid hydrazone derivatives as anti-tubercular agents: In-silico studies, synthesis, spectral characterization and biological evaluation. <i>Medicinal Chemistry Research</i> 2023, doi.org/10.1007/s00044-023-03039-5. (IF=2.351), ISSN: 1554-8120.
5	Prof. Kalim Javed Professor	Farhat Ramzan, Syed Ayaz Nabi, Mehak Saba Lone, Khalid Imtiyaz, Laraib Urooj, Vishakha Vishakha, Kalicharan Sharma, M Moshahid A Rizvi, Syed Shafi, Mohammed Samim, Sameena Bano, Kalim Javed . Synthesis, Molecular Docking, and Biological Evaluation of a New Series of Benzothiazinones and Their Benzothiazinyl Acetate Derivatives as Anticancer Agents against MCF-7 Human Breast Cancer Cells and as Anti-Inflammatory Agents. <i>ACS Omega</i> 2023, 8, 7, 6650–6662. doi.org/10.1021/acsomega.2c07153. (IF= 4.132). ISSN: 2470-1343.
6	Prof. Kalim Javed Professor	Syed Ayaz Nabi, Farhat Ramzan, Mehak Saba Lone, Mirza Adil Beg, Aabid Hamid, Lalit Mohan Nainwal, Mohammed Samim, Syed Shafi, Sameena Bano, Kalim Javed . Synthesis, crystallographic study, molecular docking, ADMET, DFT and biological evaluation of new series of aurone derivatives as anti-leishmanial agents. <i>Journal of Molecular Structure</i> . 2022, 1256, 132528.
7	Dr. Hinna Hamid Associate Professor	Bharti Dhawan, Gowsia Akhter, Hinna Hamid , Prashant Kesharwani, Mohammad Sarwar Alam. Benzoxaboroles: New emerging and versatile scaffold with a plethora of pharmacological activities. <i>Journal of Molecular Structure</i> . 2022, 1252, 132057.
8	Dr. Hinna Hamid Associate Professor	Imran Khan, Mushtaq A Tantray, Hinna Hamid , Mohammad Sarwar Alam, Kalicharan Sharma, Prashant Kesharwani. Design, synthesis, in vitro antiproliferative evaluation and GSK-3 β kinase inhibition of a new series of pyrimidin-4-one based amide conjugates. <i>Bioorganic Chemistry</i> . 2022, 119, 105512.
9	Dr. Hinna Hamid Associate Professor	Aastha Bhardwaj, Nitya Sharma, Vasudha Sharma, Tanweer Alam, JK Sahu, Hinna Hamid , Assessing the consumer acceptance and storability of chitosan and beeswax coated cellulose packaging for whole wheat bread, <i>Food Control</i> . 2022, 133, 108682
10	Dr. M. Samim Associate Professor	F Ramzan, SA Nabi, MS Lone, A Bonardi, A Hamid, S Bano, K Sharma, M Samim Synthesis, biological evaluation and theoretical studies of (<i>E</i>)-1-(4-sulfamoyl-phenylethyl)-3-arylidene-5-aryl-1H-pyrrol-2(3H)-ones as human carbonic anhydrase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> 38 (1), 2189126

11	Dr. M. Samim Associate Professor	SA Nabi, F Ramzan, MS Lone, LM Nainwal, A Hamid, F Batool, M Husain, M Samim. Halogen substituted aurones as potential apoptotic agents: synthesis, anticancer evaluation, molecular docking, ADMET and DFT study <i>Journal of Biomolecular Structure and Dynamics</i> , 1-18
12	Dr. M. Samim Associate Professor	MS Lone, MM Mubarak, SA Nabi, FR Wani, S Amin, S Nabi, HA Kantroo, Isonicotinoyl-butanoic acid hydrazone derivatives as anti-tubercular agents: In-silico studies, synthesis, spectral characterization and biological evaluation <i>Medicinal Chemistry Research</i> , 1-19
13	Dr. M. Samim Associate Professor	MS Lone, SA Nabi, FR Wani, M Garg, S Amin, M Samim, S Shafi, F Khan. Design, synthesis and evaluation of 5-chloro-6-methylaurone derivatives as potential anti-cancer agents <i>Journal of Biomolecular Structure and Dynamics</i> , 1-22
14	Dr. M. Samim Associate Professor	S Khatoun, M Samim, M Dahalia. Fisetin provides neuroprotection in pentylenetetrazole-induced cognition impairment by upregulating CREB/BDNF <i>European Journal of Pharmacology</i> , 175583
15	Dr. M. Samim Associate Professor	Farhat Ramzan, Syed Ayaz Nabi, Mehak Saba Lone, Khalid Imtiy Laraib, Urooj, Vishakha Vishakha, Kalicharan Sharma, M. Moshahid A. Rizvi, Syed Shafi, Mohammed Samim, Sameena Bano*, Kalim Javed*. Synthesis, Molecular Docking, and Biological Evaluation of a New Series of Benzothiazinones and Their Benzothiazinyl Acetate Derivatives as Anticancer Agents against MCF-7 Human Breast Cancer Cells and as Anti-Inflammatory Agents. <i>ACS Omega</i> 2023, 8, 7, 6650–6662
16	Dr. M. Samim Associate Professor	Dar Junaid Bashir, Saliha Manzoor, Mohd Sarfaraj, Shekh Mohammad Afzal, Masarat Bashir, Nidhi, Shweta Rastogi, Indu Arora and Mohammed Samim*. Magnoflorine-Loaded Chitosan Collagen Nanocapsules Ameliorate Cognitive Deficit in Scopamine-Induced Alzheimer's Disease-like Conditions in a Rat Model by Downregulating IL-1 β , IL-6, TNF- α , and Oxidative Stress and Upregulating Brain-Derived Neurotrophic Factor and DCX Expressions. <i>ACS Omega</i> 2023, 8, 2, 2227–2236
17	Dr. M. Samim Associate Professor	Saman Fatima, Mubashshir Ali, Syed Naved Quadri, Sarwar Beg, M. Samim, Suhel Parvez, Malik Zainul Abidin, Prashant Mishra, Farhan Jalees Ahmad. Crafting γ -L-Glutamyl-L-Cysteine layered Human Serum Albumin-nanoconstructs for brain targeted delivery of ropinirole to attenuate cerebral ischemia/reperfusion injury via "3A approach". <i>Biomaterial</i> , Volume 289, October 2022, 121805
18	Dr. M. Samim Associate Professor	Aarzo Md. Nematullah, Mobin A. Siddiqui, Nidhi, Farah Khan, M. Samim. Synthesis and characterization of palladium nanoparticles by varying size, shape and synthetic approach: A comparative risk assessment study in-vitro as a step towards the development of safe and sustainable nanotechnology. <i>Atmospheric Pollution Research</i> , Volume 13, Issue 8, August 2022, 101505
19	Dr. M. Samim Associate Professor	SA Nabi, F Ramzan, MS Lone, MA Beg, A Hamid, LM Nainwal, M Samim, Synthesis, crystallographic study, molecular docking, ADMET, DFT and biological evaluation of new series of aurone derivatives as anti-leishmanial agents <i>Journal of Molecular Structure</i> 1256, 132528
20	Dr. M. Samim Associate Professor	Mobin A Siddiqui, Mohammad Asad, Juheb Akhter, Ubedul Hoda, Shweta Rastogi, Indu Arora, Nidhi B Aggarwal, Mohammed Samim. Resveratrol-Loaded Glutathione-Coated Collagen Nanoparticles Attenuate Acute Seizures by Inhibiting HMGB1 and TLR-4 in the Hippocampus of Mice. <i>ACS Chem. Neurosci.</i> 2022, 13, 8, 1342–1354
21	Dr. M. Samim Associate Professor	Dar Junaid Bashir, Saliha Manzoor, Imran A Khan, Masarat Bashir, Nidhi Bharal Agarwal, Shweta Rastogi, Indu Arora, Mohammed Samim. Nanonization of Magnoflorine-Encapsulated Novel Chitosan–Collagen Nanocapsules for Neurodegenerative Diseases: <i>In Vitro</i> Evaluation. <i>ACS Omega</i> 2022, 7, 8, 6472–6480
22	Dr. M. Samim Associate Professor	Aarzo, Nidhi, M. Samim . Palladium nanoparticles as emerging pollutants from motor vehicles: An in-depth review on distribution, uptake and toxicological effects in occupational and living environment. <i>Science of The Total Environment</i> Volume 823, 1 June 2022, 153787
23	Dr. M. Samim Associate Professor	Mobin A Siddiqui, Juheb Akhter, Dar Junaid Bashir, Saliha Manzoor, Shweta Rastogi, Indu Arora, Nidhi B Aggarwal, Mohammed Samim. Resveratrol loaded nanoparticles attenuate cognitive impairment and inflammatory markers in PTZ-induced kindled mice. <i>International Immunopharmacology</i> 101, 108287
24	Dr. Syed Shafi Assistant Professor	Mehak Saba Lone, Syed Ayaz Nabi, Farhat Ramzan Wani, Manika Garg, Shaista Amin, Mohammed Samim, Syed Shafi , Farah Khan, Kalim Javed. Design, synthesis and evaluation of 5-chloro-6-methylaurone derivatives as potential anti-cancer agents. <i>Journal of Biomolecular Structure and Dynamics</i> 2023. (doi.org/10.1080/07391102.2023.2183716). (IF=5.235). ISSN: 2046-2069.
25	Dr. Syed Shafi Assistant Professor	Prasanna A Yakkala, Samir R Panda, Vegi GM Naidu, Syed Shafi *, Ahmed Kamal*. Pyridine-Based 1, 2, 4-Triazolo-Tethered Indole Conjugates Potentially Affecting TNKS and PI3K in Colorectal Cancer. <i>ACS Medicinal Chemistry Letters</i> 2023, 14, 3, 260–269 (doi.org/10.1021/acsmchemlett.2c00475). (IF=4.345). ISSN: 1948-5875.
26	Dr. Syed Shafi Assistant Professor	Mehak Saba Lone, Mohamad Mosa Mubarak, Syed Ayaz Nabi, Farhat Ramzan Wani, Shaista Amin, Sayima Nabi, Hadiya Amin Kantroo, Mohammed Samim, Syed Shafi , Shamim Ahmad, Zahoor Ahmad, Syed Ovais Rizvi, Kalim Javed. Isonicotinoyl-butanoic acid hydrazone derivatives as anti-tubercular agents: In-silico studies, synthesis, spectral characterization and biological evaluation. <i>Medicinal Chemistry Research</i> 2023, doi.org/10.1007/s00044-023-03039-5. (IF=2.351). ISSN: 1554-8120.
27	Dr. Syed Shafi Assistant Professor	Ayyappa Avoni, Sravanthi Vemireddy, Shainy Sambyal, Syed Shafi , Imran Khan, Aarif Khan and Halmuthur M. Sampath Kumar*. Synthesis and immunopharmacological evaluation of novel TLR7 agonistic triazole tethered imidazoquinolines. <i>RSC Adv.</i> , 2023, 13, 1066-1077. (DOI: 10.1039/D2RA06395F) (IF=4.036). ISSN: 2046-2069.

28	Dr. Syed Shafi Assistant Professor	Farhat Ramzan, Syed Ayaz Nabi, Mehak Saba Lone, Khalid Imtiyaz, Laraib Urooj, Vishakha Vishakha, Kalicharan Sharma, M Moshahid A Rizvi, Syed Shafi , Mohammed Samim, Sameena Bano, Kalim Javed. Synthesis, Molecular Docking, and Biological Evaluation of a New Series of Benzothiazinones and Their Benzothiazinyl Acetate Derivatives as Anticancer Agents against MCF-7 Human Breast Cancer Cells and as Anti-Inflammatory Agents. ACS Omega 2023, 8, 7, 6650–6662. doi.org/10.1021/acsomega.2c07153. (IF= 4.132). ISSN: 2470-1343.
29	Dr. Syed Shafi Assistant Professor	Syed Ayaz Nabi, Farhat Ramzan, Mehak Saba Lone, Mirza Adil Beg, Aabid Hamid, Lalit Mohan Nainwal, Mohammed Samim, Syed Shafi , Sameena Bano, Kalim Javed. Synthesis, crystallographic study, molecular docking, ADMET, DFT and biological evaluation of new series of aurone derivatives as anti-leishmanial agents. Journal of Molecular Structure. 2022, 1256, 132528. (DOI: 10.1080/00397911.2022.2039710).
30	Dr. Syed Shafi Assistant Professor	Arif Khan, Asher M Siddique, Majeed Shaikh, Imran A Khan, Syed Shafi . Microwave-assisted solvent-free tandem cross-metathesis/intramolecular isomerization-cyclization reaction for the synthesis of <i>N</i> -substituted pyrroles: It's computational analysis. Synthetic communications. 2022, 52, 585-596.
31	Dr. Syed Shafi Assistant Professor	K Haider, A Sharma, MS Yar, PA Yakkala, S Shafi , A Kamal. Novel approaches for the development of direct KRAS inhibitors: structural insights and drug design. Expert Opinion on Drug Discovery. 2022, 1-11.
32	Dr. Kamla Rawat Assistant Professor	P. K. Pandey, Kamla Rawat , VK Aswal, J Kohlbrecher, H. B Bohidar (2022). Hierarchical self-assembly in ionic liquid crosslinked polyelectrolyte gels as a citric acid sensor. J Appl Biotechnol Bioeng. 2022; 9(5):142–147.
33	Dr. Kamla Rawat Assistant Professor	P. K. Pandey, Kamla Rawat , VK Aswal, J Kohlbrecher, H. B Bohidar (2022). Hierarchical self-assembly in DNA ionogel: effect of γ -radiation on gel properties. J. Surface Sci. Technol.
34	Dr. Kamla Rawat Assistant Professor	Haleema Naaz, Kamla Rawat *, Peer Safeullah, Shahid Umar (2023). Silica nanoparticles synthesis and applications in agriculture for plant fertilization and protection: a review, Environmental Chemistry Letters, 21(1), pp.539-559.
35	Dr. Imran A. Khan Assistant Professor	Ayyappa Avoni, Sravanthi Vemireddy, Shainy Sambyal, Syed Shafi, Imran Khan , Aarif Khan and Halmuthur M. Sampath Kumar*. Synthesis and immunopharmacological evaluation of novel TLR7 agonistic triazole tethered imidazoquinolines. RSC Adv., 2023, 13, 1066-1077. (DOI: 10.1039/D2RA06395F) (IF=4.036). ISSN: 2046-2069.
36	Dr. Imran A. Khan Assistant Professor	S. Gupta, A Ali, S. Pandey, I. A. Khan , P. Prakash, Fibronectin containing alternatively spliced extra domain A interacts at the central and c-terminal domain of Toll-like receptor-4. Scientific Reports 2022, 12, 9662.
37	Dr. Imran A. Khan Assistant Professor	M. H. R Ansari, S. Saher, R Parveen, W. Khan, I. A. Khan and S. Ahmad, Journal of Traditional and Complementary Medicine, 2022, (DOI: 10.1016/j.jtcm.2022.03.005).
38	Dr. Imran A. Khan Assistant Professor	A. Khan, A. M. Siddique, M. Shaikh, I. A. Khan and S. Shafi, Microwave-assisted solvent-free tandem cross-metathesis/intramolecular isomerization-cyclization reaction for the synthesis of <i>N</i> -substituted pyrroles: It's computational analysis, Synthetic Communications, 2022, 52, 585-596 (DOI: 10.1080/00397911.2022.2039710).
39	Dr. Imran A. Khan Assistant Professor	D. J. Bashir, S. Manzoor, I. A. Khan , M. Bashir, N. B. Agarwal, S. Rastogi, I. Arora and M. Samim, Nanonization of Magnoflorine-Encapsulated Novel Chitosan-Collagen Nanocapsules for Neurodegenerative Diseases: In Vitro Evaluation ACS Omega, 2022, 7, 6472-6480. (DOI: 10.1021/acsomega.lc04459)
40	Dr. Imran A. Khan Assistant Professor	Arif Khan, Asher M Siddique, Majeed Shaikh, Imran A Khan , Syed Shafi. Microwave-assisted solvent-free tandem cross-metathesis/intramolecular isomerization-cyclization reaction for the synthesis of <i>N</i> -substituted pyrroles: It's computational analysis. Synthetic communications. 2022, 52, 585-596.
41	Dr. Imran A. Khan Assistant Professor	Dar Junaid Bashir, Saliha Manzoor, Imran A Khan , Masarat Bashir, Nidhi Bharal Agarwal, Shweta Rastogi, Indu Arora, Mohammed Samim. Nanonization of Magnoflorine-Encapsulated Novel Chitosan–Collagen Nanocapsules for Neurodegenerative Diseases: <i>In Vitro</i> Evaluation. ACS omega. 2022, 7, 6472-6480.
42	Dr. Najmul Hasan Assistnat Professor, Contractual	Sandhya Anjum, Najmul Hasan , Rashid Ilmi, Pectin-based nanoformulations for therapeutic applications, Polymeric Nanosystems Theranostic Nanosystems, Volume 1, Elsevier, 2023.
43	Dr. Najmul Hasan Assistnat Professor, Contractual	Najmul Hasan , Sandhya Anjum, Muhammad S. Khan, Rashid Ilmi, Metallic nanoparticles for theranostic application, Inorganic Nanosystems Theranostic Nanosystems, Volume 2, Elsevier, 2023.
44	Dr. Najmul Hasan Assistnat Professor, Contractual	Shabir Ahmad Bhat, Najmul Hasan , Rayees Ahmad Zargar, Sneha Wankar, Jyoti Rawat, Evidencing the Nir Luminescence and Longer Lifetime from Ytterbium Complex Constructed from Perfluorinated B-Diketone and Heteroatom Based Ancillary Ligand, doi.org/10.2139/ssrn.4431719. (I.P. 3.8).
45	Dr. Najmul Hasan Assistnat Professor, Contractual	Sajad Hussain Dar, Najmul Hasan , Manish Rana, Aysha Fatima, Syedah Noorul Sabah Andrabi, Saiema Ahmedi, Nikhat Manzoor, Saleem Javed, Rahisuddin, Synthesis and spectral studies of Ni(II) complexes involving functionalized dithiocarbamates and triphenylphosphine: X-ray crystal structure, thermal stability, Hirshfeld surface analysis, DFT and biological evaluation, Inorganica Chim. Acta. 545 (2023) 121271. (I.P. 2.8).

15. Nomination in statutory bodies in Central/State/Deemed to be Universities (e.g., members of Executive Council, Academic Council etc.)

Prof Mohammad Sarwar Alam : Member Board of Studies, Department of Applied Chemistry, Z H Engineering College, Aligarh Muslim University, Aligarh.

16. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	Industrial Visit of M.Sc Final year students (Batch 2021-23)	18.02.2023	24	M.Sc Final year students (Batch 2021-23)	Hamdard Laboratories, Manesar

17. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	Jubilant Biosys Ltd	07 (Neha Abid, Farkhunda Jabeen, Divyanshi Grover, Fareha Aslam, Deepak Das, Kehkashan, Divya Sharma)	2,75,000/-

DEPARTMENT OF BOTANY

1. Head of the Department:

Professor (Dr.) Shahid Umar (till 20.11.2022)

Prof. (Dr) A. Mujib (w.e.f. 21.11.2022)

2. Faculty members:

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other university responsibility, additional charge	Any other information
2.	A. Mujib	M.Sc, Ph.D	Professor	Head, Dept. of Botany Member , Board of Studies (BoS), Member Academic council, and many others	
2	Shahid Umar	M.Sc, Ph.D, M.Phil	Professor	Chairperson , Horticulture Committee Convener , Centre for Environment and Sustainable Development Member , Board of Studies	
3.	Md. Salik Noorani Khan	M.Sc, PhD	Assistant Professor	Tabulator : Department of Botany, SCLS Member : Examination Committee, SCLS Chairman : Syllabus revision committee.	NET-JRF
4.	Mohd. Ashraf Ashfaq	M.Sc, PhD	Assistant Professor	Member , Examination Committee (Botany), NAAC Team (SCLS) Coordinator , NAAC Criterion-1 Committee (Botany)	NET-JRF
5.	Md Iqbal Raja Khan	M.Sc, Ph. D	Assistant Professor	Member , Horticulture Committee, Departmental Examination Committee, Board of Studies, Revision of syllabus draft committee including MOOCs on SWAYAM. Departmental Coordinator , Academic and administrative audit, Member , NAAC-SSR Criteria III, Co-Coordinator : Journal Club, SCLS.	
6.	Noushina Iqbal,	MSc, PhD	Assistant Professor		
7.	Peer Saffullah,	MSc, PhD	Assistant Professor		

3. Detail of Adjunct/Visiting Professor/Professor of Practice:

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Prof. Saleem Siddiqui	Botany		
2.	Prof. Aslam Parvaiz	Botany		

4. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	BSc-MSc Dual Degree	UG	20	05
2.	MSc Botany	PG	40	26
3.	Ph.D. Botany	Doctoral	Not specified	04

5. Details of post-doctoral research scholars attached to the Department during 2022-2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Asfa Rizvi	SERB N-PDF	SERB-DST	Plant Physiology
2.	Dr. Faroza Nazir	DBT-RA	DBT	Plant Physiology

6 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1.	Bushra Ejaz	<i>In vitro</i> morphogenesis and plant secondary metabolite yield study in <i>Carthamus tinctorius</i> L. in response to abiotic elicitor.	Prof. (Dr.) A. Mujib	UGC NET-JRF
2.	Ragini Singh	Metabolome profiling and enhancement of bioactive metabolites through elicitation in linseed/flax (<i>Linum usitatissimum</i> L.)	Prof. Shahid Umar	UGC-NET JRF
3.	Varisha Khan	Functional characterization of rice micro RNA dealing plant development	Prof. Shahid Umar	HNF
4.	Anjana Singh	Identification and development of multiplex RT-PCR for the viruses infecting <i>Catharanthus roseus</i> (L.) G. Don	Dr. Md Salik Noorani Khan Dr. Yasheshwar	
5.	Km Princi	Molecular characterization of viruses and their impact on the secondary metabolite pool in <i>Andrographis paniculate</i> (Burm.f.) Nees.	Prof. Shahid Umar	DST-PURSE
6.	Shraddha Suresh Ujjainwal	Genetic diversity studies using SSR markers and genetic dissection of water logging stress tolerance in black gram (<i>Vigna mungo</i>)	Dr. Mohd Ashraf Ashfaq	DBT-Project
7.	Yashika Bansal	Genetic homogeneity assessment of micropropagated plants and elicitation study in <i>Digitalis purpurea</i> L.	Prof.(Dr.) A. Mujib	DBT-JRF Fellow
8.	Sarika Kumari	Deciphering the role of γ -aminobutyric acid (GABA) under salinity stress in wheat (<i>Triticum aestivum</i>)	Dr. Md Iqbal Raja Khan	DST Project
9.	Susmita Saikia	Molecular detection and characterization of viruses infecting weeds of Jamia Hamdard	Dr. Md Salik Noorani Khan	DST-PURSE
10.	Kritika Shukla	Development of single and multiple on-site CRISPR/Cas-based detection techniques for plant virus(es)	Dr. Md Salik Noorani Khan	DST-PURSE
11.	Moksh Mahajan	Stress hormones-mediated physiological and growth responses in wheat under heavy metal stress	Dr. Md Iqbal Raja Khan	DST-PURSE
12.	Nikita	Molecular characterization and pathogenicity studies of viruses infecting important medicinal plants	Dr. Md Salik Noorani Khan	UGC-JRF
13.	Pawan Kumar	To be decided	Dr. Mohd Ashraf Ashfaq	DBT Project
14.	Sabnam Farhat	To be decided	Dr. Mohd Ashraf Ashfaq	
15.	Syeda Khatoon	Ethylene and potassium-mediated responses in wheat plants under salt stress	Dr. Md Iqbal Raja Khan	
16.	Sejal Asija	Impact of different nitrogen regimes and melatonin application on growth and production of secondary metabolites in lemongrass (<i>Cymbopogon citratus</i>) under drought stress	Prof. Shahid Umar	DST-PURSE
17.	Tanashvi Seth	Study on the co-application of potassium (K) and jasmonic acid (JA) to ameliorate the effect of salt stress on growth, physiology and secondary metabolism of lemongrass (<i>Cymbopogon citratus</i>)	Prof. Shahid Umar	DST-PURSE

18.	Oceania Chirom	Identification and molecular characterization of heat stress responsive UFMylation associated genes in <i>Solanum lycopersicum</i> L.	Prof.(Dr.) A. Mujib	
19.	Niharika	Development of microscopic and electron microscopic standards for the identification of Indian medicinal plants	Prof. Shahid Umar	
20.	Mehnaza Nabi	To be decided	Dr. A. Mujib	
21.	Pravneet Kaur	Hormones-mediated changes in source-sink capacity and defense mechanisms under selected heavy metals in rice genotypes	Dr. Md iqbal Raja Khan	
22.	Tsering Dickey Bhutia	Genetic modification of Manipur Black rice "Labanya" for semi-dwarfism and anthocyanin pathway genes through genome editing	Prof. Shahid Umar	

6 (b) Ph.D Degrees awarded (as on 31.03.2023)

Sl. No.	Name of scholar	Title of the Thesis	Date of Award	Name of supervisor
1	Soni Chourasia	Cloning and characterization of salinity responsive urate oxidase gene from <i>Oryza coarctata</i> Roxb.	24.12.2021	Prof. (Dr) A. Mujib
2	Rahila Nazir	Construction and characterization of genetically encoded FRET-based nanosensors for monitoring the level of metal ions in living organisms	29.12.2022	Dr. T.O. Siddiqi (Retired)
3	Jyoti Mamgain	<i>In vitro</i> morphogenetic studies, phytochemical investigations and genetic fidelity assessment of regenerants in traditional medicinal plants: <i>Tylophora indica</i> (Burm.f.) Merrill and <i>Pluchea lanceolata</i> (Oliver & Hieron)	08.02.2023	Prof. (Dr.)A. Mujib
4	Kanchan	Isolation and Characterization of Endophytes inhabiting <i>Catharanthus Roseus</i> and their role in production of Bioactive Compounds	20.03.2023	Dr. T.O. Siddiqi (Retired)

7.(a) Faculty Development Programmes / Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members

Sl. No.	Name of the faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Md Iqbal Raja Khan	5 th International Plant Physiology Congress	06-09 Jan 2023	NABI, Mohali
2.	Dr. Md Iqbal Raja Khan	1 st Group Monitoring Workshop	04-05 July 2022	IIT, Indore
3.	Dr. Md Salik Noorani Khan	FDP on RNA Biology (12 weeks)	Jan-April 2023	SWAYAM MOOCs Platform
4.	Dr. Md Salik Noorani Khan	Online course on Basics of Biology (12 weeks)	Jan-April 2023	SWAYAM MOOCs Platform
5.	Dr. Md Salik Noorani Khan	Refresher Course on Botany (two weeks)	18 Feb – 04 March 2023	Ramanujan College (Delhi Univ)
6.	Dr. Md Salik Noorani Khan	Workshop on Era of Big Data in Genomics	7-12 Nov 2022	CSIR-IMTECH, Chandigarh
7.	Dr. Md Salik Noorani Khan	FDP on Genome Editing and Engineering (12 weeks)	July-Oct 2022	SWAYAM MOOCs Platform

8. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1.	Prof. (Dr.) A. Mujib	Accumulation and quantification of Amaryllidaceae alkaloids in response to elicitor in different species of <i>Crinum</i> , <i>Hippeastrum</i> .	2023		Active	
2.	Dr. Mohd Ashraf Ashfaq	Functional characterization of indigenous germplasm of senna (<i>Cassia angustifolia</i> Vahl.) using start Codon Targeting polymorphism (SCoT) and randomly amplified polymorphic DNA (RAPD) derived sequence characterized amplified region (SCAR) markers and bioactive compounds (sennoisides and rhein) across cell lines (UGC-Startup Grant), 10 Lakh	10.2.20	-	Active	-
3.	Dr. Md Iqbal Raja Khan	Role of phytohormones in protecting rice (<i>Oryza sativa</i>) photosynthetic and growth capacity under arsenic stress (UGC-Startup Grant), 10 Lakh	21.9.21	-	Active	-
4.	Dr. Md Iqbal Raja Khan	GABA-mediated plant hormonal changes, mechanics of source-sink capacity and yield under salinity stress in wheat (<i>Triticum aestivum</i>) (DST-SERB), 26 Lakh	25.11.20		Completed	JRF (01)
5.	Dr. Mohd Ashraf Ashfaq	Development of a sustainable platform in linseed (<i>linum usitatissimum</i> L.) for molecular pharming of podophyllotoxin from Indian mayapple (<i>Podophyllum hexandrum</i> Royle), in keeping with international sustainable development goals (SERB-CRG), 35.35 lakhs	2023		Active	

9. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1	Dr. A. Mujib, Professor	Research Papers (Peer Reviewed) Siddiqui ZH, Mujib A , Abbas ZK, Noorani MS, Khan S (2023). Vinblastine synthesis under the influence of CaCl ₂ elicitation in embryogenic cell suspension culture of <i>Catharanthus roseus</i> . South Afr J Bot 154: 319-329.

		<p>Bansal Y, Mujib A, Mamgain J, YH Dewir, HZ Rihan (2023). Phytochemical composition and detection of novel bioactives in anther callus of <i>Catharanthus roseus</i> L. <i>Plants</i> 12 (11): 2186.</p> <p>Bansal Y, Mujib A, Siddiqui ZH, Mamgain J, Syeed R, Ejaz B (2022). Ploidy status, nuclear DNA content and Start Codon Targeted (SCoT) genetic homogeneity assessment in <i>Digitalis purpurea</i> L., regenerated in vitro. <i>Genes</i>, 13: 2335. https://doi.org/10.3390/genes13122335</p> <p>Mujib A, Fatima S, Malik MQ (2022). Cryo-derived plants through embryogenesis showed same levels of vinblastine and vincristine (anticancer) in <i>Catharanthus roseus</i> and had normal genome size. <i>Scientific Reports</i>, 12:16635, https://doi.org/10.1038/s41598-022-20993-z</p> <p>Mujib A, Fatima S, Malik MQ (2022). Gamma ray-induced tissue responses and improved secondary metabolites accumulation in <i>Catharanthus roseus</i>. <i>Appl Microbiol Biotech</i>.10.1007/s00253-022-12122-7</p> <p>Mamgain, J., Mujib, A., Ejaz, B., Gulzar B., Malik MK., Syeed R (2022) Flow cytometry and start codon targeted (SCoT) genetic fidelity assessment of regenerated plantlets in <i>Tylophora indica</i> (Burm.f.) Merrill. <i>Plant Cell Tiss Organ Cult</i> https://doi.org/10.1007/s11240-022-02254-z</p> <p>Book chapters</p> <p>Mujib A., Malik M.Q., Bansal Y., Syeed R., Ejaz B., Mamgain J. (2022) Somatic Embryogenesis in Catharanthus Roseus: Proteomics of Embryogenic and Non-embryogenic Tissues; and Genome Size Analysis of Regenerated Plant. In: Kole C. (eds) <i>The Catharanthus Genome. Compendium of Plant Genomes</i>. Springer, Cham. https://doi.org/10.1007/978-3-030-89269-2_4</p>
2.	Dr. Shahid Umar, Professor	<p>Research Papers (Peer Reviewed)</p> <p>Khan V, Umar S, Iqbal N. 2023. Palliating Salt Stress in Mustard through Plant-Growth-Promoting Rhizobacteria: Regulation of Secondary Metabolites, Osmolytes, Antioxidative Enzymes and Stress Ethylene. <i>Plants</i> 12(4):705</p> <p>Asija S, Seth T, Umar S, Gupta R. 2022. Polyamines and their crosstalk with phytohormones in the regulation of plant defense responses. <i>Journal of Plant Growth Regulation</i> 10.1007/s00344-022-10837-5</p> <p>Naaz, H., Rawat, K., Saffullah, P., Umar, S. (2022). Silica nanoparticles synthesis and applications in agriculture for plant fertilization and protection: a review. <i>Environmental Chemistry</i>. DOI:10.1007/s10311-022-01515-9</p> <p>Iqbal, N., Sehar, Z., Fatma, M., Umar, S., Sofo, A., Khan, N.A. (2022). Nitric oxide and abscisic acid mediate heat stress tolerance through regulation of osmolytes and antioxidants to protect photosynthesis and growth in wheat plants. <i>Antioxidants</i> 11, 372. https://doi.org/10.3390/antiox11020372</p> <p>Rizvi, R., Ahmad, B., Khan, M.S., Rajput, V.D., Umar, S., Minkina, T. & Lee, J. (2022). Maize associated bacterial microbiome linked mitigation of heavy metal stress: a multidimensional detoxification approach. <i>Environmental and Experimental Botany</i> 200: 104911</p> <p>Rizvi, R., Ahmad, B., Khan, M.S., El-Beltagi, H.S., Umar, S. & Lee, J. (2022). Bioprospecting plant growth promoting rhizobacteria for enhancing the biological properties and phytochemical composition of medicinally important crops. <i>Molecules</i> 27: 1407.</p> <p>Khan, M.S., Rizvi, A., Ahmed, B. & Umar, S. (2022). Amelioration of pathogen induced biotic stress to vegetable crops by plant beneficial bacteria: A Review. <i>Journal of Modern Agriculture and Biotechnology</i> 1(1):1</p>

3.	Dr. Md Salik Noorani Khan, Assistant Professor	<p>Research Papers (Peer Reviewed)</p> <p>Ali A, Zahra A, Kamthan M, Husain FM, Albalawi T, Zubair M, Alatawy R, Abid M, Noorani MS (2023).</p>
		<p>Microbial Biofilms: Applications, Clinical Consequences, and Alternative Therapies. <i>Microorganisms</i>. 11(8):1934.</p> <p>Noorani MS, Baig MS, Khan JA, Alam P (2023). Whole genome characterization and diagnostics of prunus necrotic ringspot virus (PNRSV) infecting apricot in India. <i>Scientific Reports</i>.13, 493.</p> <p>Siddiqui ZH, Mujib A, Abbas ZK Noorani MS, Khan S (2023). Vinblastine synthesis under the influence of CaCl₂ elicitation in embryogenic cell suspension culture of <i>Catharanthus roseus</i>. <i>South African Journal of Botany</i>.154:319-329.</p> <p>Noorani MS, Khan JA, Khursheed S, Siddiqui ZH, Abbas ZK (2022). Nearly complete genome sequence of cherry virus A, isolated from <i>Prunus armeniaca</i> in Jammu and Kashmir, India" <i>Microbiology Resource Announcements</i>.11: 4 e01098-2</p> <p>Rani, A; Lohan, S; Srivastava, A; Kaushik, NK; Noorani, MS; Walla, Y; Dhir, S (2022). First report of Apple stem grooving virus and Apple scar skin viroid infecting low-chilling apple varieties in India. <i>New Disease Reports</i> 45: 2 e12077.</p>
4.	Dr. Mohd Ashraf Ashfaq, Assistant Professor	<p>Book Chapter</p> <p>Kumaraswamy, H.H., Kumar, V.D., Lavanya, C., Ushakiran, B., Senthilvel, S., Sujatha, M., Bhavani, D.B.D., Konda, A.K., Lakshmidivi, G., Ashfaq, M.A. et al. (2022). Biotechnological Approaches for Genetic Improvement of Castor Bean (<i>Ricinus communis</i> L.). In: Gosal, S.S., Wani, S.H. (eds) Accelerated Plant Breeding, Volume 4. Springer, Cham. https://doi.org/10.1007/978-3-030-81107-5_11</p>
5.	Dr. Md Iqbal Raja Khan, Assistant Professor	<p>Research Papers (Peer Reviewed)</p> <p>Harmanjit Kaur, Faroza Nazir, Sofi J. Hussein, Rupinder Kaur, Ashish Rajurkar, Sarika Kumari, Manzer H. Siddiqui, Moksh Mahajan, Sayeda Khatoon, M. Iqbal R. Khan 2023. Gibberellic acid alleviates cadmium induced seed germination inhibition through modulation of carbohydrate metabolism and antioxidant capacity in mung bean seedlings. <i>Sustainability</i>. 15(4), 3790; https://doi.org/10.3390/su15043790</p> <p>Faroza Nazir, Moksh Mahajan, Sayeda Khatoon, Mohammed Albaqami, Farha Ashfaque, Himanshu Chhillar, Priyanka Chopra and M. Iqbal R. Khan. Sustaining nitrogen dynamics: A critical aspect for improving salt tolerance in plants. <i>Frontiers in Plant Science</i>. 2023. doi: 10.3389/fpls.2023.1087946</p> <p>M. Iqbal R. Khan., Khan, N.A., Sofu, A. 2023. Beneficial elements in plants: developing resilience under stressful environments. <i>Plant and Soil</i> 486, 1–5.</p> <p>Khan NA, Ferrante A, M. Iqbal R. Khan, and Poor P. 2023. Ethylene: a key regulatory molecule in plants, Volume II. <i>Frontiers in Plant Science</i> 14:1222462.</p> <p>Faroza Nazir, Sarika Kumari, Moksh Mahajan and M. Iqbal R. Khan 2023. An explicit story of plant abiotic stress resilience: Overtone of selenium, plant hormones and other signaling molecules. <i>Plant and Soil</i> 486, 135–163</p> <p>M. Iqbal R. Khan, Sarika Kumari, Faroza Nazir, Risheek Rahul Khanna, Ravi Gupta, Himanshu Chhillar 2023. Defensive role of plant hormones in advancing abiotic stress-resilient rice plant. <i>Rice Science</i>30; 15-35.</p> <p>Ravi Gupta, M. Iqbal R. Khan, Jose Luis Gonzalez Hernandez, Wei Wang, and Laurence Veronique Bindschedler 2022. Improvement of rice through “-omics” approaches. <i>Frontiers in Plant Science</i> 1775.</p> <p>M. Iqbal R. Khan, Poor, P. and Janda, T., 2022. Salicylic Acid: A Versatile Signaling Molecule in Plants. <i>Journal of Plant Growth Regulation</i>, pp.1-4.</p> <p>Czékus, Z., Szalai, G., Tari, I., M. Iqbal R. Khan, and Poór, P., 2022. Role of ethylene in ER stress and the unfolded protein response in tomato (<i>Solanum lycopersicum</i> L.) plants. <i>Plant Physiology and Biochemistry</i>, 181, 1-11.</p> <p>Sarika Kumari, Risheek Rahul Khanna, Faroza Nazir, Mohammed Albaqami, Himanshu Chhillar, Iram Wahid, and M. Iqbal R. Khan. 2022. Bio-synthesized nanoparticles in developing plant abiotic stress resilience: A new boon for sustainable approach. <i>International Journal of Molecular Sciences</i>. 23, 4452.</p>
6.	Dr. Peer Saffeullah, Assistant Professor (Contractual)	<p>Research Papers (Peer Reviewed)</p>

		<p>Haleema Naaz, Kamla Rawat, Peer Saffullah, and Shahid Umar. "Silica nanoparticles synthesis and applications in agriculture for plant fertilization and protection: a review". <i>Environmental Chemistry Letters</i> (2022). https://doi.org/10.1007/s10311-022-01515-9</p> <p>Neelofer Nabi, Peer Saffullah, and Seema Singh. "Micropropagation using direct and indirect organogenesis in <i>Artemisia maritima</i> L.: scanning electron microscopy of somatic embryos and genome size analysis by flow cytometry." <i>In Vitro Cellular & Developmental Biology-Plant</i> (2022). https://doi.org/10.1007/s11627-022-10291-8</p> <p>Book Chapters</p> <p>Saima Liaqat, Shreya Chhabra, Peer Saffullah, Noushina Iqbal, and Tariq Omar Siddiqi. "Role of potassium in drought adaptation: Insights into physiological and biochemical characteristics of plants" In: Iqbal N, Umar S, (eds), <i>Role of Potassium in Abiotic Stress</i>, Springer(2022); pp. 143-162. ISBN: 97809811644610. https://doi.org/10.1007/978-981-16-4461-0_7</p> <p>Noushina Iqbal, Peer Saffullah, Shahid Umar. "Ethylene and Nitric Oxide Under Salt Stress: Exploring Regulatory Interactions. In: Singh S, Husain T, Singh VP, Tripathi DK, Prasad SM, Dubey NK (eds), <i>Ethylene in Plant Biology</i>, John Wiley and Sons (2022). https://doi.org/10.1002/9781119744719.ch14</p>
7.	Dr. Noushina Iqbal, Assistant Professor	<p>Research Papers (Peer Reviewed)</p> <p>Khan V, Umar S, Iqbal N. 2023. Palliating Salt Stress in Mustard through Plant-Growth-Promoting Rhizobacteria: Regulation of Secondary Metabolites, Osmolytes, Antioxidative Enzymes and Stress Ethylene. <i>Plants</i> 12(4):705</p> <p>Fatma M., Sehar Z, Iqbal N, Alvi AF, Abdi G, Proestos C., Khan NA. 2023. Sulfur supplementation enhances nitric oxide efficacy in reversal of chromium-inhibited Calvin cycle enzymes, photosynthetic activity, and carbohydrate metabolism in wheat. <i>Scientific Reports</i> 13(1).</p> <p>Alvi, A. F., Iqbal, N., Albaqami, M., & Khan, N. A. The emerging key role of reactive sulfur species in abiotic stress tolerance in plants. <i>Physiologia Plantarum</i>, e13945.</p> <p>Mahajan M, Nazir F, Jahan B, Siddiqui MH, Iqbal N, Khan MIR. Salicylic Acid Mitigates Arsenic Stress in Rice (<i>Oryza sativa</i>) via Modulation of Nitrogen–Sulfur Assimilation, Ethylene Biosynthesis, and Defense Systems. <i>Agriculture</i>. 2023; 13(7):1293.</p> <p>Iqbal N., Fatma F., Gautam H., Sehar S., Rasheed F., Khan MIR., Sofo A., Khan NA. 2022. Salicylic acid increases photosynthesis of drought grown mustard plants effectively with sufficient-N via regulation of ethylene, ABA and nitrogen-use efficiency. <i>Journal of Plant Growth Regulation</i>. 41, 1966–1977</p> <p>Iqbal N., Sehar Z., Mehar F., Umar S., Sofo A., Khan NA. 2022. Nitric Oxide and Abscisic Acid Mediate Heat Stress Tolerance through Regulation of Osmolytes and Antioxidants to Protect Photosynthesis and Growth in Wheat Plants. <i>Antioxidants</i> 11(2):372</p> <p>Khan S, Sehar Z, Fatma M, Mir IR, Iqbal N, Tarighat MA, Abdi G, Khan NA. 2022. Involvement of ethylene in melatonin-modified photosynthetic-N use efficiency and antioxidant activity to improve photosynthesis of salt grown wheat. <i>Physiol. Plant</i>.</p> <p>Fatma M, Asgher M, Iqbal N, Rasheed F, Sehar Z, Sofo A, Khan NA. 2022. Ethylene Signaling under Stressful Environments: Analyzing Collaborative Knowledge. <i>Plants</i> 11(17): 2211.</p> <p>Sehar Z, Gautam H, Iqbal N, Alvi AF, Jahan B, Fatma M, Albaqami M, Khan NA. 2022. The Functional Interplay between Ethylene, Hydrogen Sulfide, and Sulfur in Plant Heat Stress Tolerance. <i>Biomolecules</i> 12(5):678.</p> <p>Sehar Z, Iqbal N, Fatma , Rather BA, Albaqami M, Khan NA. 2022. Ethylene Suppresses Abscisic Acid, Modulates Antioxidant System to Counteract Arsenic-Inhibited Photosynthetic Performance in the Presence of Selenium in Mustard. <i>Frontiers in Plant Science</i> 13:852704.</p> <p>Khan S, Sehar Z, Fatma M, Mir IR, Iqbal N, Tarighat MA, Abdi G, Khan NA. 2022. Involvement of ethylene in melatonin-modified photosynthetic-N use efficiency and antioxidant activity to improve photosynthesis of salt grown wheat. <i>Physiol. Plant</i>. https://doi.org/10.1111/ppl.13832.</p> <p>Gautam H, Fatma M, Sehar Z, Iqbal N, Albaqami M, Khan NA. 2022. Exogenously-Sourced Ethylene Positively Modulates Photosynthesis, Carbohydrate Metabolism, and Antioxidant Defense to Enhance Heat Tolerance in Rice. <i>Int. J. Mol. Sci.</i> 23(3), 1031.</p>

9. Achievements/Recognitions/Awards received/awarded to faculty members**Dr. Md Iqbal Raja Khan**

1. Interdisciplinary Research for Sustainable Development (IRSD) **Prominent Young Scientist Award**
2. **Clarivate Highly Cited Researcher** in the field of Plant and Animal Science-2022.
3. **R.H. Dastur Gold Medal Award** of Indian Society for Plant Physiology, India.

10. Students achievements

a. Academics (such as qualification of NET/entrance tests conducted by UGC, ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)

S.No.	Name of Students	Year	Examination
1.	Anmol Kalra	2022	NET-JRF
2.	Purna Gaur	2022	NET-JRF
3.	Anshu Jha	2022	GATE
4.	Azra Amin Wani	2022	GATE
5.	Shivangi Mishra	2022	GATE

Department of Medical Elementology and Toxicology

1. Head/Director of the Department/Centre: Prof. S. Raisuddin

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1	Prof. S. Raisuddin	Ph.D.	Professor & Head	Director, R & D Cell, Director IQAC & Dean, SCLS	
2	Prof. SuhelParvez	Ph.D.	Professor	Chairman, Admission Committee, Dean, FIST	
3	Prof. Haider A. Khan	Ph.D.	Professor	Provost (Boys)	
4	Dr. Basir Ahmad	Ph.D.	Assistant Professor		UGC-FRP
5	Dr. Zeeshan Rasheed	Ph.D.	Assistant Professor		Contractual
6	Dr. Shahzad Ahmad	Ph.D.	Assistant Professor		Contractual
7	Dr. ShubhraPande	Ph.D.	SERB-Ramanujan Fellow		

3. Detail of Adjunct/Visiting Professor: (1st April, 2021 to 31st March, 2022)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Dr. Prahlad K. Seth, NASI Senior Scientist Former Chief Executive Officer, Biotechnology Park & Former Director, IITR, Biotech Park Sector – G, Jankipuram, Kursi Road Lucknow	Toxicology	Neurotoxicology	
2.	Dr. Qamar Rahman, Rtd. Scientist CSIR-IITR, Lucknow Gulzar Colony, Clyde Road, India: Lucknow 226 001, India. USA: 505, Princeton Woods,	Toxicology	Inhalation toxicology	
3.	Dr. K.S. Rao Vice President, Subject Matter Expert (SME) Safety Assesment, EurofinsAdvinus, PeenyIndustrial Area, Bangalore, India	Toxicology	Regulatory Toxicology	
4.	Dr. Mohammad AkbarshaAbdulkader, Retd. Professor Bharathidasan University, Tiruchirappalli, Research Coordinator, National College, Tiruchirappalli, India	Toxicology	Alternative Models in Toxicology	
5.	Prof. Zahoor A. Shah	Toxicology	Neurotoxicology	

	Professor and Associate Dean for Graduate Education and Research Department of Medicinal & Biological Chemistry, Program Director, Graduate Student Affairs, Joint appointment in the Department of Pharmacology, College of Pharmacy and Pharmaceutical Sciences The University of Toledo 3000 Arlington Avenue, Toledo, Ohio,			
6.	Prof. Satya N. Das Emeritus Scientist, ICMR, New Delhi Address: F-28, NDSE-I New Delhi-110049	Toxicology	Cancerbiology	
7.	Prof. Basu Dev Banerjee Professor of Biochemistry University College of Medical Sciences & GTB Hospital, Faculty of Medical Sciences, Delhi University, Delhi	Toxicology	Environmental Toxicology	
8.	Dr. PV. Mohanan PhD, FNASc, FRSB(UK), FST, FASc(Aw), FSAB Scientist-G and Head, Toxicology Division Technical Manager, Biomedical Technology Wing, Associate Dean (PhD Program), SreeChitraTirunal Institute for Medical Sciences and Technology (Govt. of India), Poojapura, Trivandrum-695 012, Kerala,	Toxicology	Human Toxicology and Organ on chip	
9.	Dr. Amir Nazir Principal Scientist CSIR-Central Drug Research Institute, Jankipuram Extension, Lucknow Up,	Toxicology	Aging biology and Neurotoxicology	
10.	Dr. Pankaj Seth Molecular and Cellular Neuroscience, National Brain Research Center, N-H Manesar, Haryana	Toxicology	Neurobiology	
11.	Dr. Mohammed Ilyas Mohammed Idris Senior Principal Scientist Address: CSIR-CCMB, Uppal Road, Habsiguda, Hyderabad	Toxicology	Molecular Toxicology	
12.	Dr. Premendra D. Dwivedi, Rtd. Principal Scientist Food, Drug and Chemical Toxicology Division, CSIR-Indian Institute of Toxicology Research	Toxicology	Food Toxicology	
13.	Dr. Mukul Das, Ph.D. Director, Shriram Institute for Industrial Research, 19 University Road, Delhi	Toxicology	Food Toxicology	

4. Courses/Programmes of the Department during 2022-2023

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B.Sc.-M.Sc. Integrated Programme	UG	20+10	16+16+10+=42
2	M.Sc. (Toxicology)	PG	30+10	28+22=50
3	PhD (Toxicology)	Doctoral	--	06

5. New study programme(s) launched during 2022 – 2023 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	MSc (Forensic Science)	PG	15	Yet to be admitted
2.	Certificate Course in Forensic Toxicology	Certificate	30	Yet to be admitted

6. Detail of post-doctoral Researchers in the Department during 2022-2023

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. PoojaKaushik	ICMR-RA	ICMR	Neurodegeneration
2	Dr. Swati Chandra	ICMR-RA	ICMR	Neurotoxicity
3	Dr. MehjabeenJaved	ICMR-RA	ICMR	Reproductive toxicology
4	DrSaleha Anwar	Research Associate	DBT	Cancer Therapeutics and Drug Discovery

7. A. PhD scholars' detail (currently enrolled): 2022-2023

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Hiba Khan	Role of Calcium signalling in attention deficit hyperactivity disorder in rats exposed to Bisphenol A.	Prof. SuhelParvez	JH	Yes	UGC-NET JRF
2	SukritiMaurya	Learning and memory	Dr. ShubhraPande	JH	NO	
3	KehkashanNaaz	Toxicology	Dr. Basir Ahmad	JH	NO	
4	Suraj Kumar	Toxicology	Prof. S. Raisuddin	JH	Yes	UGC-NET JRF
5	Gaurav Deep	Toxicology	Prof. SuhelParvez	JH	Yes	CSIR UGC-NET JRF
6	IqraMazahir	Toxicology	Prof. S. Raisuddin	JH	No	

7.B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2022-2023

Sl. No.	Name of scholar	Name of supervisor
1	Rahat Ali	Dr. Razi Ahmad

8. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2022-2023

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Understanding Neurological Disorders: Technical Approaches and Advancements	20th – 26th December, 2022	DST Under STUTI Program	30
2.	Utilizing Modern Techniques in Developing Human Disease Models	30 Jan- 5 Feb, 2023	DST-STUTI	30
3.	National Symposium on Advances in Deciphering Cellular and Molecular Mechanisms of Modern Neuroscience	13 March 2023	SNCI Delhi Local Chapter	150

9. Lectures/Talks by invited speakers during 1st April, 2022 to 31st March, 2023

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Prof. M. A. Akbarsha	Society for Alternatives to Animal Experiments (SAAE)	Alternative Models in Toxicology	June 30, 2022

10. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2022 to 31st March, 2023

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1	Prof. M. A. Akbarsha	Biomedical Scientist & Research Coordinator, National College (Autonomous), Tiruchirappalli	Interaction with faculty and students and to deliver invited lecture	June 30, 2022

11. Sponsored projects**A. Projects completed during the year 2022-2023**

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	
1	PI: Prof Suhel Parvez Co-PI:	Mucoadhesive Nano-emulsion of Dopamine Agonists: Novel strategy for targeting Mitochondria in Alzheimer's disease ICMR; Rs 47,99,224	01-11-2019	31-10-2022	Saba Afsheen
2	PI: Prof Suhel Parvez Co-PI:	Animal toxin peptides: Novel therapeutics for targeting mitochondrial permeability transition pore in cerebral ischemia ICMR; Rs 27,59,848	27-01-2021	26-01-2023	Syed Mohammad Mumtaz

B. Projects awarded during the year 2022-2023

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
1	PI: Prof Suhel Parvez Co-PI:	Effect of Unani Formulations against Mitochondrial Mediated Cellular Mechanisms: A strategy to combat Alzheimer's Disease CCRUM; Rs 43,78,200	12-08-2022	11-08-2025	Awarded	Pinky
2	PI: Prof Suhel Parvez Co-PI:	Targeting Memory Milestones Using In Vivo Electrophysiology and Bio-Signal Processing as Novel Tools CSRI; Rs 58,24,602	15-03-2023	14-03-2026	Awarded	To be appointed

3	PI: Prof SuhelParvez Co-PI:	Deciphering the mechanistic role of Ephrin-Eph signaling pathways targeting Ischemic Stroke Model: An appraisal for the development of Neuro-therapeutics ICMR; Rs 45,45,902	11-03-2023	10-03-2026	Awarded	Saba Afsheen
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C. Ongoing Projects during the year 2022-2023

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
				Start date	End date	Current status	
1		PI: Prof SuhelParvez Co-PI:	Repurposed Drugs and Nutraceuticals as Neurotherapeutic Intervention for Targeting Mitochondrial Dynamics in Subarachnoid Hemorrhage ICMR; Rs 39,73,688	31-03-2021	31-03-2021	Ongoing	DarakhshanParveen
2		PI: Prof SuhelParvez Co-PI:	Cognitive Remediation through Behavioural Reinforcement in Traumatic Brain Injury SERB-CRG; Rs 49,51,860	10-03-2021	09-03-2024	Ongoing	MohdHumair Ali
3		PI: Prof S Raisuddin	Developmental bisphenol A exposure and attention deficit hyperactivity disorder (ADHD) in protein malnourished host, ICMR, Rs.2785340/-	10.8.2021	10.8.2024	Ongoing	Dr Poonam Goswami

12. Publications of the Department Books

Sl. No.	Name of teacher	Publication detail (In numbers)					
		Research paper journals	in	Review journals	in	Book chapters	Full papers in conference proceedings
01	Prof. S. Raisuddin	6		2			
02	Prof. Suhel Parvez	20		5	02	--	--
03	Dr. Haider A. Khan	2					
04	Dr. Basir Ahmad	1		1			
05	Dr. Zeeshan Rasheed	-		-			
06	Dr. Shahzad Ahmed	1		1			
7	Dr Shubhra Pande			2			

Sl. No.	Name of teacher	Publication detail
1	Prof. S. Raisuddin	<p>1: Pant S, Bhati T, Dimri A, Arora R, Siraj F, Raisuddin S, Rastogi S. Chlamydia trachomatis infection regulates the expression of tetraspanins, activin-A, and inhibin-A in tubal ectopic pregnancy. <i>Pathog Dis.</i> 2023 Jan 17;81:ftad018. doi:10.1093/femspd/ftad018.</p> <p>2: Dabeer S, Raisuddin S. Perinatal exposure to environmental endocrine disruptor bisphenol A aggravates the onset of non-alcoholic fatty liver disease (NAFLD) in weaning F1 offspring of obese rats. <i>Environ Sci Pollut Res Int.</i> 2023 Jan;30(2):3146-3165. doi: 10.1007/s11356-022-22246-y.</p> <p>3: Agarwal P, Khodlan P, Kalra N, Raisuddin S, Kumar R. In-vitro alleviation of ochratoxin A mediated cytotoxicity using N-acetyl-L-tryptophan glucoside pretreatment. <i>Life Sci.</i> 2022 Nov 1;308:120968. doi: 10.1016/j.lfs.2022.120968.</p> <p>4: Pande S, Raisuddin S. The Underexplored Dimensions of Nutritional Hormesis. <i>Curr Nutr Rep.</i> 2022 Sep;11(3):386-394. doi: 10.1007/s13668-022-00423-2.</p> <p>5: Pande S, Raisuddin S. Molecular and cellular regulatory roles of sirtuin protein. <i>Crit Rev Food Sci Nutr.</i> 2022 May 5:1-19. doi: 10.1080/10408398.2022.2070722.</p> <p>6: Afjal MA, Goswami P, Ahmad S, Dabeer S, Akhter J, Salman M, Mangla A, Raisuddin S. Tempol (4-hydroxy tempo) protects mice from cisplatin-induced acute kidney injury via modulation of expression of aquaporins and kidney injury molecule-1. <i>Drug Chem Toxicol.</i> 2022 May;45(3):1355-1363. doi:10.1080/01480545.2020.1831011.</p> <p>7: Vishnoi S, Raisuddin S, Parvez S. Behavioral Tagging: Role of Neurotransmitter Receptor Systems in Novel Object Recognition Long-Term Memory. <i>ACS Omega.</i> 2022 Mar 29;7(14):11587-11595. doi: 10.1021/acsomega.1c05865.</p> <p>8: Pant S, Dimri A, Arora R, Siraj F, Raisuddin S, Rastogi S. Differential expression of matrix metalloproteinases in the fallopian tube of women with Chlamydia trachomatis-associated tubal ectopic pregnancy. <i>Microb Pathog.</i> 2022 Apr;165:105468. doi: 10.1016/j.micpath.2022.105468.</p>
2	Prof. Suhel Parvez	<p>1: Nalika N, Waseem M, Kaushik P, Salman M, Andrabi SS, Jamal A, Parvez S. Role of melatonin and quercetin as countermeasures to the mitochondrial dysfunction induced by titanium dioxide nanoparticles. <i>Life Sci.</i> 2023 Sep 1;328:121403. doi:10.1016/j.lfs.2023.121403.</p> <p>2: Neha, Salman M, Parvez S. Animal toxins: As an alternative therapeutic target following ischemic stroke condition. <i>Life Sci.</i> 2023 Mar 15;317:121365. doi:10.1016/j.lfs.2022.121365.</p> <p>3: Neha, Parvez S. Emerging therapeutic agents and recent advances in drug repurposing for Alzheimer's disease. <i>Ageing Res Rev.</i> 2023 Mar;85:101815. doi:10.1016/j.arr.2022.101815.</p> <p>4: Rasheed MZ, Khatoon R, Talat F, Alam MM, Tabassum H, Parvez S. Melatonin Mitigates Rotenone-Induced Oxidative Stress and Mitochondrial Dysfunction in the <i>Drosophila melanogaster</i> Model of Parkinson's Disease-like Symptoms. <i>ACS Omega.</i> 2023 Feb 20;8(8):7279-7288. doi: 10.1021/acsomega.2c03992.</p> <p>5: Khan SA, Parasher P, Ansari MA, Parvez S, Fatima N, Alam I. Effect of an Integrated Physiotherapy Protocol on Knee Osteoarthritis Patients: A Preliminary Study. <i>Healthcare (Basel).</i> 2023 Feb 14;11(4):564. doi:10.3390/healthcare11040564</p> <p>6: Chakraborty R, Tabassum H, Parvez S. NLRP3 inflammasome in traumatic brain injury: Its implication in the disease pathophysiology and potential as a therapeutic target. <i>Life Sci.</i> 2023 Feb 1;314:121352. doi:10.1016/j.lfs.2022.121352.</p> <p>7: Muthu SA, Sharma R, Qureshi A, Parvez S, Ahmad B. Mechanistic insights into monomer level prevention of amyloid aggregation of lysozyme by glycyrrhizic acid. <i>Int J Biol Macromol.</i> 2023 Feb 1;227:884-895. doi:10.1016/j.ijbiomac.2022.12.166.</p>

	<p>8: Sharma B, Satija G, Madan A, Garg M, Alam MM, Shaquiquzzaman M, Khanna S, Tiwari P, Parvez S, Iqbal A, Haque SE, Khan MA. Role of NLRP3 Inflammasome and Its Inhibitors as Emerging Therapeutic Drug Candidate for Alzheimer's Disease: a Review of Mechanism of Activation, Regulation, and Inhibition. <i>Inflammation</i>. 2023 Feb;46(1):56-87. doi: 10.1007/s10753-022-01730-0.</p> <p>9: Sheikh KA, Iqbal A, Alam MM, Akhter M, Khan MA, Ehtaishamul Haque S, Parvez S, Jahangir U, Amir M, Khanna S, Shaquiquzzaman M. A Quinquennial Review of Potent LSD1 Inhibitors explored for the treatment of different Cancers, with special focus on SAR studies. <i>Curr Med Chem</i>. 2023 Jan 30. doi: 10.2174/0929867330666230130093442</p> <p>10: Madan A, Garg M, Satija G, Sharma B, Shaquiquzzaman M, Akhter M, Iqbal A, Khan MA, Parvez S, Das A, Sheikh KA, Alam MM. SAR Based Review on Diverse Heterocyclic Compounds with Various Potential Molecular Targets in the Fight against Covid-19: A Medicinal Chemist Perspective. <i>Curr Top Med Chem</i>. 2023 Jan 26. doi: 10.2174/1568026623666230126104156.</p> <p>11: Chaudhary S, Pinky, Parvez S. Neuroprotective Effects of Natural Antioxidants Against Branched-Chain Fatty Acid-Induced Oxidative Stress in Cerebral Cortex and Cerebellum Regions of the Rat Brain. <i>ACS Omega</i>. 2022 Oct 20;7(43):38269-38276. doi: 10.1021/acsomega.2c00163.</p> <p>12: Fatima S, Ali M, Quadri SN, Beg S, Samim M, Parvez S, Abdin MZ, Mishra P, Ahmad FJ. Crafting γ-L-Glutamyl-L-Cysteine layered Human Serum Albumin-nanoconstructs for brain targeted delivery of ropinirole to attenuate cerebral ischemia/reperfusion injury via "3A approach". <i>Biomaterials</i>. 2022 Oct;289:121805. doi: 10.1016/j.biomaterials.2022.121805.</p> <p>13: Salman M, Akram M, Shahrukh M, Ishrat T, Parvez S. Effects of pramipexole on beta-amyloid₁₋₄₂ memory deficits and evaluation of oxidative stress and mitochondrial function markers in the hippocampus of Wistar rat. <i>Neurotoxicology</i>. 2022 Sep;92:91-101. doi: 10.1016/j.neuro.2022.07.006.</p> <p>14: Salman M, Sharma P, Alam MI, Tabassum H, Parvez S. Naringenin mitigates behavioral alterations and provides neuroprotection against 3-nitropropionic acid-induced Huntington's disease like symptoms in rats. <i>Nutr Neurosci</i>. 2022 Sep;25(9):1898-1908. doi: 10.1080/1028415X.2021.1913319.</p> <p>15: Roy S, Khan S, Jairajpuri DS, Hussain A, Alajmi MF, Islam A, Luqman S, Parvez S, Hassan MI. Investigation of sphingosine kinase 1 inhibitory potential of cinchonine and colcemid targeting anticancer therapy. <i>J Biomol Struct Dyn</i>. 2022 Sep;40(14):6350-6362. doi: 10.1080/07391102.2021.1882341.</p> <p>16: Ray A, Bhati T, Pradhan D, Arora R, Parvez S, Rastogi S. Aberrant gene expression of superoxide dismutases in Chlamydia trachomatis-infected recurrent spontaneous aborters. <i>Sci Rep</i>. 2022 Aug 29;12(1):14688. doi: 10.1038/s41598-022-18941-y.</p> <p>17: Gupta P, Neupane YR, Parvez S, Kohli K, Sultana Y. Combinatorial chemosensitive Nanomedicine approach for the treatment of Breast cancer. <i>Curr Mol Med</i>. 2022 Aug 19. doi: 10.2174/1566524023666220819122948</p> <p>18: Hasan S, Alonazi A, Anwer S, Jamal A, Parvez S, Alfaiz FAS, Li H. Efficacy of Patellar Taping and Electromyographic Biofeedback Training at Various Knee Angles on Quadriceps Strength and Functional Performance in Young Adult Male Athletes with Patellofemoral Pain Syndrome: A Randomized Controlled Trial. <i>Pain Res Manag</i>. 2022 Aug 1;2022:8717932. doi: 10.1155/2022/8717932.</p> <p>19: Sharma M, Mutharasappan N, Manickam Y, Harlos K, Melillo B, Comer E, Tabassum H, Parvez S, Schreiber SL, Sharma A. Inhibition of Plasmodium falciparum phenylalanine tRNA synthetase provides opportunity for antimalarial development. <i>Structure</i>. 2022 Jul 7;30(7):962-972.e3. doi: 10.1016/j.str.2022.03.017.</p>
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		<p>20: Khatoon R, Kaushik P, Parvez S. Mitochondria-Related Apoptosis Regulation by Minocycline: A Study on a Transgenic <i>Drosophila</i> Model of Alzheimer's Disease. ACS Omega. 2022 Jun 1;7(23):19106-19112. doi: 10.1021/acsomega.1c05653.</p> <p>21: Andrabi SS, Kaushik P, Mumtaz SM, Alam MM, Tabassum H, Parvez S. Pregnenolone Attenuates the Ischemia-Induced Neurological Deficit in the Transient Middle Cerebral Artery Occlusion Model of Rats. ACS Omega. 2022 Jun 1;7(23):19122-19130. doi: 10.1021/acsomega.1c07016.</p> <p>22: Haider M, Salman M, Kaushik P, Bharadwaj N, Aggarwal NB, Tabassum H, Parvez S. Chrysin ameliorates 3-nitropropionic acid induced neurotoxicity targeting behavioural, biochemical and histological alterations. Int J Neurosci. 2022 May;132(5):450-458. doi: 10.1080/00207454.2020.1821677.</p> <p>23: Vishnoi S, Raisuddin S, Parvez S. Behavioral Tagging: Role of Neurotransmitter Receptor Systems in Novel Object Recognition Long-Term Memory. ACS Omega. 2022 Mar 29;7(14):11587-11595. doi: 10.1021/acsomega.1c05865.</p> <p>24: Hasan N, Zameer S, Najmi AK, Parvez S, Akhtar M. Roflumilast Reduces Pathological Symptoms of Sporadic Alzheimer's Disease in Rats Produced by Intracerebroventricular Streptozotocin by Inhibiting NF-κB/BACE-1 Mediated Aβ Production in the Hippocampus and Activating the cAMP/BDNF Signalling Pathway. Neurotox Res. 2022 Apr;40(2):432-448. doi: 10.1007/s12640-022-00482-x.</p> <p>25: Kaushik M, Kaushik P, Parvez S. Memory related molecular signatures: The pivots for memory consolidation and Alzheimer's related memory decline. Ageing Res Rev. 2022 Apr;76:101577. doi: 10.1016/j.arr.2022.101577.</p>
03	Dr. Haider A. Khan	<p>1: Islam J, Shree A, Khan HA, Sultana S. Chemopreventive potential of Diosmin against benzo[a]pyrene induced lung carcinogenesis in Swiss Albino mice. J Biochem Mol Toxicol. 2022 Nov;36(11):e23187. doi: 10.1002/jbt.23187.</p> <p>2: Shree A, Islam J, Yadav V, Sultana S, Khan HA. Hesperetin alleviates DMH induced toxicity via suppressing oxidative stress and inflammation in the colon of Wistar rats. Environ Toxicol. 2022 Sep;37(9):2153-2166. doi: 10.1002/tox.23558.</p>
04	Dr. Basir Ahmad	<p>1: Muthu SA, Sharma R, Qureshi A, Parvez S, Ahmad B. Mechanistic insights into monomer level prevention of amyloid aggregation of lysozyme by glycyrrhizic acid. Int J Biol Macromol. 2023 Feb 1;227:884-895. doi:10.1016/j.ijbiomac.2022.12.166.</p> <p>2: Perwez, M., Fatima, H., Arshad, M. Meena VK, Ahmad B*. Magnetic iron oxide nanosorbents effective in dye removal. Int. J. Environ. Sci. Technol. 2023, 20, 5697–5714. https://doi.org/10.1007/s13762-022-04003-3</p>
05	Dr. Zeeshan Rasheed	NIL
06	Dr. Shahzad Ahmed	<p>1: Afjal MA, Goswami P, Ahmad S, Dabeer S, Akhter J, Salman M, Mangla A, Raisuddin S. Tempol (4-hydroxy tempo) protects mice from cisplatin-induced acute kidney injury via modulation of expression of aquaporins and kidney injury molecule-1. Drug Chem Toxicol. 2022 May;45(3):1355-1363. doi:10.1080/01480545.2020.1831011.</p> <p>2: Ahmad S, Srivastava RK, Singh P, Naik UP, Srivastava AK. Role of Extracellular Vesicles in Glia-Neuron Intercellular Communication. Front Mol Neurosci. 2022 Apr 13;15:844194. doi: 10.3389/fnmol.2022.844194.</p>
7	DR Shubhra Pande	<p>1: Pande S, Raisuddin S. The Underexplored Dimensions of Nutritional Hormesis. Curr Nutr Rep. 2022 Sep;11(3):386-394. doi: 10.1007/s13668-022-00423-2.</p> <p>2: Pande S, Raisuddin S. Molecular and cellular regulatory roles of sirtuin protein. Crit Rev Food Sci Nutr. 2022 May 5:1-19. doi: 10.1080/10408398.2022.2070722.</p>

13. A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

1. Prof. S. Raisuddin - Member, Bureau of Indian Standard (BIS) - Medical Equipment and Hospital Planning, Medical Biotechnology and Nanotechnology Sectional Committee (MHD20), Government of India.

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

1. Prof. S. Raisuddin, Prof. Suhel Parvez and Prof. Haider Ali Khan – Member of the Academic Council (AC)

C. Awards and Honours (Awards, fellowships of professional societies/associations)

- Prof SuhelParvez -NESA (National Environmental Science Academy) Eminent Scientist of the year Award -2021
- Dr. Shahzad Ahmad - International Travel Award of DST-SERB, GoI to attend the 16thInternational Congress of Toxicology, September 18-21, 2022 in Maastricht, The Netherlands.
- Dr. Shahzad Ahmad - IUTOX Junior Travel Awardfor the 16thInternational Congress of Toxicology, September 18-21, 2022 in Maastricht, The Netherlands.
- Dr. Shahzad Ahmad - International Travel Grant (Department of Biotechnology, Govt. of India) for the 16th International Congress of Toxicology, September 18-21, 2022 in Maastricht, TheNetherlands.

D. Invited as keynote or plenary speaker.

1. Prof. S. Raisuddin delivered a lecture as Resource Person on the topic "Research Ethics in Practices" on January 3, 2023 at Maulana Azad National University – Human Resource Development Centre, Hyderabad (online)

13. Students achievements

A. In academics (such as qualification of NET/entrance tests conducted by ICMR, DBT, DRDO etc., GATE, GPAT. Please provide numbers only of each category)

1. SurajKumar - UGC-NET-JRF (Forensic Science)
2. Suramya - UGC-NET-JRF (Forensic Science)
3. Sukriti Maurya - UGC-NET (Forensic Science)

CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH

1. Head/Director of the Department/Centre/Unit: Prof. Nilanjan Saha

2. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, PhD. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1	Prof. Nilanjan Saha Professor	MD & DM	Head, Secretary biosafety committee, Chairman IAEC
2	Dr. Nidhi Assistant Professor	PhD	Co-convener grievance committee, convener examination committee SCLS, member NEP committee
3	Dr. Mohd Ashif Khan Assistant Professor	PhD	NCC Officer, Department Tabulator, Member Badminton club
4	Dr. Rizwana Parveen Assistant Professor	PhD	Department Tabulator
5	Dr. Manoj Kumar Assistant Professor	PhD	-

3. Programmes/Courses offered by the Department during 2022-2023

4(a) UG/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	BSc clinical Research under FYUP	UG	30	29
2	MSc clinical research	PG	30	22
3.	PhD in Translational Sciences	PG	-	-
4.	PhD in Clinical Research	PG	-	01

4 (a) Research Scholars on rolls (as on 31.03.2023)

Sl. No.	Name of the Research scholar	Approved Research Topic	Name of the Research Supervisor(s)	Nature of Fellowship, if any
1	Parvej Khan		Dr. Nidhi	
2	Pinki Mishra		Dr. Nidhi	
3	Uzma Khan	Effect of Benzimidazole (Albendazole & Mebendazole) broad-spectrum anthelmintic drugs and its nano-formulation in skin melanoma	Dr. Mohd Ashif Khan	
4	Sonali Karhana	Development of a novel vesicular nanoformulation of Dabrafenib and Neomycin against diabetic wounds	Dr. Mohd Ashif Khan	ICMR
5	Aysha Bano	Exploration of cysteine leukotriene receptor antagonist and its liposomes for antiepileptic effect	Dr. Mohd Ashif Khan	
6	Haya Majid		Dr. Nidhi	

5. Sponsored projects

a. Projects completed/awarded/ongoing during the year 2022-2023 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Dr. Nidhi (Dr. Mohd Ashif Khan, Dr. Imran)	In silico and In vivo exploration of physostigmine analogues to understand mechanistic crosstalk between klotho and targets for epilepsy, ICMR, 25 L	1-03-2023	28-02-2026	Ongoing	JRF
2	Dr. Mohd Ashif Khan (Dr. Imran A Khan, Dr. Nidhi)	In-silico, In-vitro and In-vivo study to evaluate potency of telomestatin analogues vs standard intercalators towards targeting of G quadruplexes for lung cancer therapeutics, ICMR, 20.7 L	31-12-2020	30-12-2023	Ongoing	SRF
3	Dr. Mohd Ashif Khan (Dr. Yasmin Sultana, Dr. Nidhi)	Development of a novel FDC based transferosomal gel for the amelioration of non-melanoma skin cancer, ICMR, 27 L	3-03-2023	2-03-2026	Ongoing	JRF
4	Dr. Mohd Ashif Khan (Dr. Nidhi, Dr. Imran)	Development of Thermodynamically Stable Silver Nanoparticle Based Hydrogel of Curcumin & Thymoquinone With Collagen For Deep Burns, ICMR, 22 L	13-06-2023	12-06-2026	Ongoing	JRF

6. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC- CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Nidhi Assistant Professor	<ol style="list-style-type: none"> Karhana, Sonali, Swarna Dabral, Aakriti Garg, Aysha Bano, Nidhi Agarwal, and MohdAshif Khan. "Network pharmacology and molecular docking analysis on potentialmolecular targets and mechanism of action of BRAF inhibitors for application in wound healing; Journal of Cellular Biochemistry (2023). Joshi, Rhythm, Zehva Khan, Aakriti Garg, Dinesh Bhurani, Nidhi B. Agarwal, UbadaAqeel, and Mohd Ashif Khan. "Short-Term Impact of Hematopoietic Stem CellTransplantation in Leukemia Patients on Bone Bio Markers, Electrolytes and Blood Profile; OBM Transplantation 7, no. 2 (2023): 1-14. Athar, Mohammed, Aakriti Garg, Mohd Ashif Khan, Rizwana Parveen, Sunil Kohli, Divya Vohora. andNidhi Agarwal.;Metformin alone and in combination with sitagliptin induces depression and impairs quality of life in type 2 diabetes mellitus patients: An observational study; International Journal of Clinical Pharmacology andTherapeutics (2022).

		<p>4. Khan, Mohd Ashif, Dinesh Bhurani, Ubedul Hoda, Nouroz Sehar, and Nidhi Agarwal.;Cognitive impairment and elevated peripheral cytokines in breast cancer patientsreceiving chemotherapy.&quot; Arquivos de Neuro-Psiquiatria 80, no. 08 (2022): 786-793.</p> <p>5. Borah, Asima; Anand, Kanchan; Shrivastava, Sameer.,Nidhi; Garg, Aakriti ., Khan, Mohd. (2022). Effect of exercise on quality of life of patients with chronic kidney disease. Research Journal of Pharmacy and Technology. 16.</p> <p>6. Bashir, Dar Junaid, Saliha Manzoor, Imran A. Khan, Masarat Bashir, Nidhi Bharal Agarwal, Shweta Rastogi, Indu Arora, and Mohammed Samim.; Nanonization of Magnoflorine-Encapsulated Novel Chitosan–Collagen Nanocapsules forNeurodegenerative Diseases: In Vitro Evaluation; ACS omega 7, no. 8 (2022): 6472-6480.</p> <p>7. Parveen, Rizwana, Prem Kapur, Sunil Kohli, and Nidhi Bharal Agarwal.;Attenuatedbrain derived neurotrophic factor and depression in type 2 diabetes mellitus patients: Acase-control study; Clinical Epidemiology and Global Health 15 (2022): 101016.</p> <p>8. Siddiqui, Mobin A., Mohammad Asad, Jueh Akhter, Ubedul Hoda, Shweta Rastogi,Indu Arora, Nidhi B. Aggarwal, and Mohammed Samim.;Resveratrol-LoadedGlutathione-Coated Collagen Nanoparticles Attenuate Acute Seizures by InhibitingHMGB1 and TLR-4 in the Hippocampus of Mice; ACS Chemical Neuroscience 13, no. 8(2022): 1342-1354.</p>
2.	Dr. Mohd Ashif Khan, Assistant Professor	<p>1. Asima Nasreen Borah, Kanchan Anand, Sameer Shrivastava, Nidhia, Aakriti Garg, Mohd Ashif Khan. Effect of exercise on quality of life of patients with Chronic Kidney Disease. Research Journal of Pharmacy and Technology. August, 2023; 16(7):3195-0. doi: 10.52711/0974-360X.2023.00525</p> <p>2. Athar M, Garg A, Khan MA, Parveen R, Kohli S, Vohora D. Metformin alone and in combination with sitagliptin induces depression and impairs quality of life in type 2 diabetes mellitus patients: An observational study. International Journal of Clinical Pharmacology and Therapeutics. 2022 Dec 15.</p>
3.	Dr. Manoj Kumar, Assistant Professor	<p>1. Ahmad, A., Kumar, M., Bhoi, N., Badruddeen., Akhtar, J., Khan, M., Ajmal, M. and Ahmad, M. (2023) Diagnosis and management of uterine fibroids: current trends and future strategies. Journal of Basic and Clinical Physiology and Pharmacology, Vol. 34 (Issue 3), pp. 291-310. https://doi.org/10.1515/jbcpp-2022-0219</p> <p>2. Misbah Md; Kumar Manoj; Lee Kuen-Huar; Shen, Shing-Chuan. (2022). Identification of Novel miRNAs, Targeting Genes, Signaling Pathway, and the Small Molecule for Overcoming Oxaliplatin Resistance of Metastatic Colorectal Cancer. BioMed Research International. 2022. 1-20.</p>

7. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1	CliniRx Research	4	
2	Max Super Specialty Hospital	4	
3	AWINSA Life Sciences Pvt. Ltd.	2	
4	Cliantha Research Pvt Ltd.	2	
5	Prudentia Group	1	
6	Fortis Hospital	1	
7	APCER's	1	

SCHOOL OF LAW

Name of the Dean:
Prof Saleena K Basheer

Hamdard Institute of Legal Studies and Research (HILSR), was established in 2018 by the approval of the Bar Council of India (BCI). HILSR offers BA.LL.B, a five-year integrated degree programme. Under the aegis of HILSR, new programmes are being introduced in the academic session 2022-2023. These are LL.M (Constitution Law, and Commercial Law) and Ph. D (Law). HILSR has made a significant progress since its inception. The faculty members are drawn with diversified knowledge and experiences coming from various renowned institutions. In order to facilitate quality teaching and learning, HILSR is committed to innovative pedagogy and globalism. We are adequately equipped with modern infrastructure, with online facilities such as library, smart classrooms, computer lab, moot court etc. Legal Aid Clinic and Legal Literacy Club in collaboration with Delhi Legal Service Authority has been established to cater to the needs and to promote welfare of the underprivileged of the society. Readers' Club, Debate Club, Constitutional Club and etc. in HILSR enable students to avail the opportunities to explore new avenues in both academic and extra-curricular arenas. Our vision is to progress with the march of time in order to strengthen our legal education and preparing outstanding lawyers and law professionals who would serve and contribute to the development of a just society. The aim of HILSR is to evolve and impart comprehensive legal education at all levels to achieve excellence by organizing advanced studies, training and the promotion of research in all branches of law and allied subjects.

1. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Professor Saleena K. Basheer Professor (Law)	Ph.D	Dean HILSR
2.	Mr. Burhan Majid Assistant Professor (Law)	LL.M, Ph.D (Pursuing)	1. Member, Equal Opportunity Cell 2. Member, Internal Complaints Committee 3. Member, NAAC Criteria V 4. Programme Coordinator, LL.M
3.	Dr. Mehar Fatima Assistant Professor (English)	Ph.D	*Introduced and Teaching Value Added 'Certificate in English Proficiency.' 1. Member, Centre for Vocational Studies and Skill Development, Jamia Hamdard, New Delhi, 2022 till date.

			<ol style="list-style-type: none"> 2. Member, Web Cell, Jamia Hamdard, New Delhi, 2022 till date. 3. Member, Publication Committee for Newsletter, Annual Report, Social Media, etc., Jamia Hamdard, 2021-23. 4. Member, Academic Audit Committee, HILSR, School of Law, Jamia Hamdard, 2021-23. 5. Member, Board of Studies, HILSR, School of Law, Jamia Hamdard, 2021 till date. 6. Member, School Board, HILSR, School of Law, Jamia Hamdard, 2018-2021. 7. Member Secretary, GirlUp Hamdard, Jamia Hamdard, New Delhi, 2022 till date. 8. Member, Literary Club, Jamia Hamdard, New Delhi, 2022- till date. 9. Member, Committee on Institution's Innovation Councils (IIC) in the Higher Education Institutions (HEIs) sanctioned to the Dept. of Computer Science (SEST) by the MHRD, Jamia Hamdard, New Delhi, dated 17th January, 2020 till date 10. Member, HILSR Research Centre 11. Member, Curriculum Review Committee 12. Member Examination Committee 13. Member Committee on Disciplinary Matters and Internal Complaints, 14. Member, Departmental Cell on Anti-Sexual Harassment 15. Member Library Committee 16. Member, Sports Committee
4.	Dr. Angbin Yasmin Assistant Professor (History)	Ph.D	<ul style="list-style-type: none"> • Teaching BALLB students, • Evaluation, • Assistant Proctor, • Member Film & Drama Club,

			<ul style="list-style-type: none"> • Member advisory Board GirlUp Hamdard, • School Member Representative TAAJH, • Foreign Students' Advisor School Representative, HILSR • Former Deputy Superintendent of Examination, • Convener of Departmental Cell on Anti-Sexual Harassment, School of Law, • Member, HILSR Research Centre, Jamia Hamdard • Member, Lecture Series Committee, HILSR, School of Law, • Member of Disciplinary matters and Internal Complaints, School of Law,
5.	Dr. Ayan Guha Assistant Professor (Political Science)	Ph.D	<ul style="list-style-type: none"> • Taught courses of BA LLB and LLM • Member of NAAC sub-committee on Best Practices • Member of NAAC mock visit team • Member of Career Counselling and Guidance Cell • Member of NIRF Team • Course Coordinator, BA LLB • Member, IQAC Core Committee of FacultyMembers
6.	Dr. Sadaf Fatima Assistant Professor (Economics)	Ph.D	<ol style="list-style-type: none"> 1. Teaching Economics in HILSR, School of Law, 2. I was teaching in Centre for Media and Mass Communication Studies 3. Deputy Superintendent, Examination HILSR, School of Law, <p>Convener, Library Committee HILSR, School of Law,</p>

			<p>5. In charge and Member of BA.LLB & LL.M Admission Committee, HILSR, School of Law,</p> <p>6. Member of Academic and Administrative Audit Committee, HILSR,</p> <p>7. Member of NAAC Committee, HILSR, School of Law,</p> <p>8. Member of LAC Committee, HILSR, School of Law,</p> <p>9. Member of Disciplinary committee, HILSR, School of Law,</p> <p>10. Member of Sports committee, HILSR, School of Law,</p> <p>11. Member of Internship and Placement Committee, HILSR, School of Law,</p>
7.	Mr. Ishan Ahmad Assistant Professor (Law)	LL.M., UGC NET	<p>1. HONORY TRAINING PLACEMENT INCHARGE, HILSR, JAMIA HAMDARD.</p> <p>2. MEMBER- INDUSTRY- ACADEMICS PARTNERSHIP CELL, JAMIA HAMDARD</p> <p>3. Faculty Convenor, Legal Aid Committee, HILSR, Jamia Hamdard.</p> <p>4. Faculty Convenor, Internship and Placement Committee, HILSR, Jamia Hamdard.</p> <p>5. Deputy Superintendent of Examination, HILSR, Jamia Hamdard.</p> <p>6. Faculty Member, Alternative Dispute Resolution Board, HILSR, Jamia Hamdard.</p> <p>7. Faculty Member, Admission Committee.</p> <p>8. Faculty Member, HILSR Research Centre.</p> <p>9. Faculty Member, Moot Court Committee, HILSR.</p> <p>10. Faculty Member, Academic Audit Preparation Team, HILSR.</p> <p>11. Faculty Member, NAAC Accreditation Visit Preparation Team, HILSR.</p>

8.	Ms. Naazish Fatima Assistant Professor (Law)	L.L.M. and NET	<ol style="list-style-type: none"> 1. Co- Course Coordinator, BA.LL.B. HILSR 2. Convenor, Alternative Dispute Resolution Board, HILSR 3. Member, Legal Aid Committee, HILSR. 4. Member, Moot Court Committee, HILSR
9.	Dr. Jehirul Islam Assistant Professor (Law)	<ol style="list-style-type: none"> 1. LLM in Business and Labour Law 2. PhD in Law 3. Post-Doc in New Technologies and Law 	<ol style="list-style-type: none"> 1. Teaching and Evaluation of 10 courses 2. Hostel Warden of IBN Battuta Boys Hostel 3. Coordinator, PhD Programme in Law, HILSR 4. Coordinator, HILSR, Jamia Hamdard MoU with Insolvency and Bankruptcy Board of India (IBBI), Govt. of India. 5. Assistant Director, Curriculum, Centre for Teaching Support and Innovation (CTS), Jamia Hamdard 6. Coordinator, Curriculum Development, HILSR 7. Faculty Convenor, Debate Club, HILSR 8. Tabulator, BALLB Programme 9. Tabulator, Kannur Campus 10. Member, Moot Committee, HILSR 11. Member, ADR Board, HILSR 12. Member, Library Committee, HILSR 13. HILSR Nominated Member, Centre for Career Counselling and Guidance (CCCG), Jamia Hamdard. 14. Member, Admission Committee, HILSR

10.	Dr. Abhishek Gupta Assistant Professor (Law)	LL.M Criminal Law/Corporate Law Ph.D.	1. Legal Aid Committee Member 2. Tabulator
11.	Ms. Samreen Warsi Assistant Professor (Law)	LL.M Corporate Law	1. Moot Court Committee Convenor 2. Legal Aid Committee Member 3. Internship and Placement Committee Member 4. Tabulator for Kannur Centre 5. Tabulator for HILSR 6. Former Member Examination Committee 7. Former Member Admission Committee
12.	Dr. Naheed Mustafa Assistant Professor (Law)	Ph.D	<ul style="list-style-type: none"> • Tabulator of Kannur Campus Jamia Hamdard, • Sports Event Week Coordinator, • Judge of Debate Competition Literary Club, • Essay Writing Judge in Literary Club Intra- University Competition, • Tabulator of Jamia Hamdard BALLB, Member of Examination Committee, • Event/Seminar Coordinator of National Commission for Women GOI and Jamia Hamdard(HILSR).
13.	Mr. Tabish Eqbal Assistant Professor (Law)	M.Phil (International Law)	<ul style="list-style-type: none"> • Teaching, • Evaluation, • Tabulator for BALLB

14.	Mr. R.H.A Sikander Assistant Professor (Law) Guest Faculty Advocate on Record Supreme Court of India	BBA, LL.B	<ul style="list-style-type: none"> • Teaching, • Evaluation,
15.	Mr. Mohd Yasin Assistant Professor (Law) Guest Faculty, Advocate, Supreme Court of India	LLM in Constitutional Law from National Law University and Judicial Academy, Assam	<ul style="list-style-type: none"> • Teaching, • Evaluation, • Member Moot Court Committee, HILSR
16.	Mr. Jahangir Badr Assistant Professor (Law) Guest Faculty	LL.B, LL.M, Ph.D(pursuing)	<ul style="list-style-type: none"> • Teaching, • Evaluation, • Supervised 8 LL.B final year dissertations.
17.	Mr. Amit Sanduja Assistant Professor (Law) Guest Faculty	B.COM, LLB, LLM, PGDCL, PGDJCM with 16 years of experience	<ul style="list-style-type: none"> • Teaching, • Evaluation,
18.	Mr. Sandeep Kumar Assistant Professor (Law) Guest Faculty	LLM	<ul style="list-style-type: none"> • Teaching, • Evaluation,
19.	Mr. Thayyib Rajab Assistant Professor (Sociology) Guest Faculty	MA, M.Phil, PhD (Pursuing)	<ul style="list-style-type: none"> • Teaching, • Evaluation, • Invigilation

2. Detail of Adjunct/Visiting Professor/Professor of Practice: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	Dr. Ashok Kumar Mishra Professor of Practice	Ph.D	<ul style="list-style-type: none"> • Teaching Research	

3. Programmes/Courses offered by the Department during 2022-2023 4(a) G/PG/Doctorate level

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1	LL.M (Constitutional Law)	Post Graduation	20	06
2.	LL.M (Commercial Law)	PG Graduation	20	03
3.	PH.D	Doctoral	2	2

4. New programme(s)/Courses launched during 2022 – 2023:

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Enrollment in the year
1.	LL.M	PG	40	10
2.	PH.D	Doctoral	2	2

Sl. No.	Name of course	Level (UG/PG/Doctoral/ Diploma/Certificate)	Approved intake	Enrollment in the year

5. Academic Infrastructures created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Details	Rupees in Lakhs
1.	Table & Chairs	5 Lakh

6. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	By-Professor Rukmini Sen. Associate professor, BR.Ambedkar University New Delhi	Lecture on Feminist Jurisprudence	27 th May		150
2.	Lecture By-Ms Shriya Maini, Advocate on Record, Supreme Court of India.	Lecture on "How to organize your Law School Days	8 th April		150
3.	Lecture By-Dr. Mohd.Salim, Director Lloyd Law School	Lecture Series on Jurisprudence	6 th -8 th February		120
4.	Lecture By- Dr. Naveen S, Assistant Professor, School of Legal Studies, Cochin University of Science and Technology	Lecture on "Climate Change and Sustainable Development"	6 th March		150

7. Visits by Distinguished persons/Foreign faculty or delegates to the University/Schools/Deptt./Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School / Deptt. / Centre	Date
1.	Hon'ble Ms. Justice Hima Kohli, Judge, Supreme Court of India	Supreme Court of India	Foundation stone laying of New Law School Building and Inauguration of Concordia National ADR Competitions	School of Law, HILSR	17 th March 2023
2.	Hon'ble Mr. Justice Deepak Gupta, former Judge, Supreme Court of India	Supreme Court of India	Foundation stone laying of New Law School Building and Inauguration of Concordia National ADR Competitions		17 th March 2023
3.	Hon'ble Mr. Justice Deepak Verma, Former Judge, Supreme Court of India	Supreme Court of India	Foundation stone laying of New Law School Building and Inauguration of Concordia National ADR Competitions		17 th March 2023
4.	Hon'ble Mr. Justice M.L. Mehta, former Judge, High Court of Delhi	High Court of Delhi	Valedictory of Concordia National ADR Competitions		19 th March 2023
5.	Hon'ble Mr. Justice J. R. Midha, former judge, High Court of Delhi	High Court of Delhi	Valedictory of Concordia National ADR Competitions		19 th March 2023
6.	Advocate Tariq Khan, Registrara, International Arbitration and Mediation Centre, Hyderabad	International Arbitration and Mediation Centre, Hyderabad	Inauguration of Alternative Dispute Resolution Board, HILSR		26 th September, 2022
7.	Dr. Tejas R.K. Motwani, Teaching fellow, Harvard Kennedy School, Harvard University, U.S.A.	Harvard Kennedy School, Harvard University, U.S.A	Inauguration of Debate Club at HILSR		28 th September, 2022
8.	Ms. Iram Majid, Director Asia Pacific Centre for Arbitration and Mediation.	Asia Pacific Centre for Arbitration and Mediation.	Inauguration of Alternative Dispute Resolution Board, HILSR		26 th September, 2022
9.	Mr. Chaksu Roy	Head Outreach Team, PRS Legislative Research & Former Head, Outreach Team, Centre for Policy Research	Workshop On Approaches To Socio-Legal Research		17 th October 2022
10.	Mr. Deep Halder : Executive Editor, India Today & Author of the critically acclaimed book Blood Island: An Oral History of the Marichjhapi Massacre (Harper Collins)	Executive Editor, India Today & Author of the critically acclaimed book Blood Island: An Oral History of the Marichjhapi Massacre (Harper Collins)	Workshop On Approaches To Socio-Legal Research		17 th October 2022
11.	Dr. Robbin Jan Van Dujine : Postdoctoral Researcher, Columbia University, New York, USA	Postdoctoral Researcher, Columbia University, New York, USA	Workshop On Approaches To Socio-Legal Research		19 th October 2022

8. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed)

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Dr. Ayan Guha, Assistant Professor	<p>Guha, Ayan (2022). <i>The Curious Trajectory of Caste in West Bengal Politics: Chronicling Continuity and Change</i> (Leiden/ Boston: Brill) [flyer available at https://brill.com/view/title/61978], ISBN: 978-90-04-51181-1.</p> <p>Guha, Ayan (2022): "Caste, Class and Globalization in India Revisited" in Adebowale Akande edited <i>Springer Handbook on Racial Inequality, Xenophobia and Populism: All Forms of Discrimination in the United States and Around the Globe</i> (New York/ Geneva: Springer), ISBN: 978-3031135583. Doi: https://link.springer.com/chapter/10.1007/978-3-031-13559-0_28.</p> <p>Guha, Ayan (2022): Review of Blood Island: An Oral History of Marichjhapi Massacre, <i>South Asia Research</i> (Sage), vol. 42, no. 1, ISSN: 0262-7280. Doi: https://doi.org/10.1177%2F02627280211058110.</p> <p>Guha, Ayan (2022, October 21): "Bengal politics is not casteless or Bhadraklok-free. But it's still not a deciding factor," <i>The Print</i>. https://theprint.in/pageturner/excerpt/bengal-politics-is-not-casteless-or-bhadraklok-free-but-its-still-not-a-deciding-factor/1177121/.</p>
2.	Burhan Majid,	Burhan Majid, Constitutional Erosion in Kashmir, <i>Verfassungsblog - ON MATTERS CONSTITUTIONAL</i> , December 19 2022, ISSN: 2366-7044; Indexed in DOAJ; DOI: https://dx.doi.org/10.17176/20221220-001615-0
3.	Dr A.K Mishra	The Insolvency and Bankruptcy Code 2016 with Rules and Regulations, B C Publication 2022.
4.	Ishan Ahmad	<p>Published chapter titled as " RESTORATION OF MIGRANT LABOURERS DUE TO COVID-19 WITH THE HELP OF GEOGRAPHICAL INDICATIONS: AN ANALYTICAL STUDY FROM INDIAN PERSPECTIVE " in book titled "Protection of Traditional Knowledge and Geographical Indications with special reference to North East India", edited by Prof. (Dr.) V. K. Ahuja and Dr. Jupi Gogoi has been published. It is a Joint publication of NLUJA, Assam and Satyam Law International, 2023.</p> <p>2. Published paper titled as "NEW DIMENSIONS OF DOMESTIC VIOLENCE ASSERTED AGAINST WOMEN IN DELHI: AN ANALYTICAL STUDY FROM JUDICIAL PERSPECTIVE" in <i>Indian Journal of Legal Review's</i>, ISSN- 2583-2344, Volume 1 and Issue 4 of 2022.</p> <p>3. Chapter titled as "FUTURE OF GEOGRAPHICAL INDICATIONS AND THE RIGHTS ASSOCIATED WITH: A STUDY IN REFERENCE TO MEERUT SCISSORS" selected for publication in an edited book on in the edited book titled 'Emerging Trends in Intellectual Property Laws in India', by Dr. Zubair Ahmed, Assistant Professor of Law, Aliah University.</p>
5.	Naazish Fatima,	Published a paper in the Brazilian Journal of Alternative Dispute Resolution-RBADR (SCOPUS INDEXED) on the topic "Future of Dispute Resolution and Investment in BRICS". <i>R. Bras. Al. Dis. Res. – RBADR Belo Horizonte, Vol 04, issue. 08, p. 187-209, Dec. 2022.</i>

9. Achievements/Recognitions/Awards received/awarded to faculty members (Pls give details)

1. Dr Ayan Guha,

External Research Associate, York Centre for Asian Research, York University, Canada (Renewed for 3 years in September, 2022)

Invited to join the Editorial Board of *South Asia Research* (Sage). Now a member of the Board.

Reviewer (Journals)

Rural History (Cambridge University Press) Religion (Routledge)
Contemporary South Asia (Routledge) Journal of Asian and African Studies (Sage),
International Journal of Discrimination and the Law (Sage), South Asian Survey (Sage)
Social Science Quarterly (Wiley) Deusto Journal of Human Rights.
International Journal of the Sociology of Leisure (Springer)

9. Awards and Honours (Awards, fellowships of professional societies/associations)

External Research Associate, York Centre for Asian Research, York University, Canada (Renewed for 3 years in September, 2022) Invited to join the Editorial Board of *South Asia Research* (Sage). Now a member of the Board.

Reviewer (Journals)

Rural History (Cambridge University Press) Religion (Routledge)
Contemporary South Asia (Routledge) Journal of Asian and African Studies (Sage),
International Journal of Discrimination and the Law (Sage), South Asian Survey (Sage)
Social Science Quarterly (Wiley) Deusto Journal of Human Rights.
International Journal of the Sociology of Leisure (Springer)

a. Invited as keynote or plenary speaker.

Invited Book Talk titled 'Caste Question in the Politics of West Bengal: Some Reflections' at York University, Keele Campus, Toronto, Canada delivered on 16th November, 2022 with regard to the book *The Curious Trajectory of Caste in West Bengal Politics: Chronicling Continuity and Change* (Leiden/Boston: Brill).

Invited Briefing on Recent Political Developments in West Bengal at Embassy of Netherlands, New Delhi on 3rd March, 2023.

Invited Panel Discussion on the book *The Curious Trajectory of Caste in West Bengal Politics: Chronicling Continuity and Change* (Leiden/Boston: Brill) at Department of International Relations, Jadavpur University, Kolkata on 21st March, 2023. Other panellists were Prof. Partha Pratim Basu (Jadavpur University), Dr. Rajat Roy (Presidency University, Kolkata) and Suman Nath (West Bengal State University).

Invited Book Talk on *The Curious Trajectory of Caste in West Bengal Politics: Chronicling Continuity and Change* (Leiden/Boston: Brill) delivered at Sister Nivedita University, Kolkata on 17th March, 2023.

Invited Lecture on 'Identity and Culture: Concept, Evolution and Different Perspectives' delivered at UGC-Educational Multimedia and Research Centre, St. Xavier's College, Kolkata on 14th March, 2023

Invited Lecture on 'Defining Identity and Culture: Power, Politics and Security Perspectives' delivered at UGC-Educational Multimedia and Research Centre, St. Xavier's College, Kolkata on 16th March, 2023

Invited Lecture on 'The idea of Global Resistances' delivered at UGC- Educational Multimedia and Research Centre, St. Xavier's College, Kolkata on 23th March, 2023

Invited Talk/ Panel Discussion (online) on 'Social and Political Philosophy of Dr. B.R Ambedkar' organized by Rashtrabigyan Charcha Kendra on April 14, 2022. Other Panelists were Prof. Bankim Chandra Mandal, (Rabindra Bharati University, Kolkata) and Dr. Debashis Mitra (Diamond Harbour Women's University, West Bengal).

2. Burhan Majid

Indian Equality Law Visiting Fellowship, 2022
 Bonavero Institute of Human Rights, Faculty of Law, University of Oxford (Carried out during Hilary Term 2023)

3. Md Tabish Eqbal

York Graduate fellowship 2022-23

4. Naazish Fatima, Member, Women's Committee, Central Waqf Council, Ministry of Minority Affairs, Gol.
 Naazish Fatima: Invited as a key note speaker and delivered a Lecture at the Moscow State Law University, Summer school of foreign law 2022 on the topic "Law and globalization in the development of legal science and international humanitarian cooperation" on June 1st, 2022.

10. Students achievements

a. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event / Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1	1st CCI-CUSB National Moot Court Competition, 2023	7-9th April, 2023	03		Gaya, Bihar
2	paper presentation	6th November	02		Delhi
3	paper presentation	19-20 November	02		Delhi
4	Volleyball First position	18-21 April 2022		Suphia Haque	GD Goenka University Delhi
5	Volleyball First position	2022		Suphia Haque	SGT University
6	Volleyball First position	2022		Suphia Haque	Maulana Aza d Medical College
7	Volleyball	2023		Suphia Haque	Army college of Medical Science
8	legal aid and allied laws	January 30 - February 14		Safiya Parwez	GNLU RGNU L, PROBONO
9	Paper publication by Dream Law on Right to be Forgotten	2023		Safiya Parwez	
10	IPR international conference	2Aug.2023		Priyanka Bhati	Atal Bihari Vajpayee. Management (Delhi University)
11	Badminton	2023		Arish Siddiqui	Delhi
12	Project saksham Team coordinator in Legal wing and for ground work also worked as a team coordinator	2023		Priyanka Bhati	Delhi
13	Legitimate Scrutiny, Third Article writing competition	2- March-23		Saba fatima	Online Journal
14	<i>Theory of abrogation (Award certificate of publication)</i>	June 2023		Saba fatima	Online Journal

11. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	MR. GAUTAM SINGHAL, MANAGING PARTNER, KUMAR LAW FIRM, INSOLVENCY EXPERT AND MR. MANISH DEWAN, PARTNER, KUMAR LAW FIRM VISITED HILSR, SCHOOL OF LAW, JAMIA HAMDARD FOR CAMPUS PLACEMENTS OF BALLB BATCH 2018-23.	01	1,44,000/-
2.	DR. TABASSUM IQBAL, PARTNER AAD LEGAL FIRM AND MS. ARHAM TANVIR, ASSOCIATE LEGAL, AAD LEGAL VISITED HILSR, SCHOOL OF LAW, JAMIA HAMDARD ON 31 ST MARCH 2023 FOR CAMPUS PLACEMENTS OF BALLB BATCH 2018-23.	02 students selected for final round	Under Consideration
3.	MR. AMIT SINDUJA, ADVOCATE, DELHI HIGH COURT	02	2,40,000/-
4.	MR. VIPUL GANDA, ADVOCATE, NCLAT	03 students selected for final round	Under Consideration

1. SCHOOL:- HAMDARD INSTITUTE OF MEDICAL SCIENCES AND RESEARCH

Name of the Dean: Prof. (Dr.) Mridu Dudeja

2. A. List of faculty members:

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other university responsibility, additional charge	Any other information
Department of Anatomy					
1.	Dr. Shayama K. Razdan	MBBS MS Anatomy	Professor & Head	<ul style="list-style-type: none"> ● Coordinator 1st Phase MBBS ● Examination Superintendent MBBS & MD examinations. ● Internal & External Examiner of 1st Prof. MBBS, M.Sc & MD Examination ● Coordinator MBBS Integration ● Guide & co-guide for MD and MSc Anatomy ● Member of Flying Squad Team for Jamia Hamdard 	NA
2.	Dr. Shalini Kumar	MBBS MD Anatomy	Associate Professor	<ul style="list-style-type: none"> ● MEU, Member ● Examination Deputy Superintendent 1st & 2nd Prof. MBBS ● AETCOM, In charge, ● Curriculum Committee Member ● Document Verification, PG & UG in Admission Cell ● Internal & External Examiner of 1st Prof. MBBS, M.Sc. & MD. ● Member of Flying Squad Team for Jamia Hamdard ● Coordinator, Foundation Course, MBBS 1st Prof. ● Guide & co-guide for MD and MSc Anatomy 	NA
3.	Dr. Arpita Mahajan	MBBS MD Anatomy	Assistant Professor	<ul style="list-style-type: none"> ● Internal & External Examiner of 1st Prof. MBBS ● Invigilation and Coding Examination MBBS 	NA

				<ul style="list-style-type: none"> • Guide & co-guide for MD and MSc Anatomy • Curriculum Committee Member, • Member of Flying Squad Team for Jamia Hamdard, • Foyer Incharge, HIMSR • Guide for MSc anatomy • Member of Flying Squad Team for Jamia Hamdard 	
4.	Dr. Sabah Yaseen	MBBS MD Anatomy	Assistant Professor	<ul style="list-style-type: none"> • Guide for MSc Anatomy • Examiner for internal assessment MBBS 1st Prof • Invigilation for Examination • Member of Flying Squad Team for Jamia Hamdard 	NA
5.	Dr. Mohd Anas Khan	MBBS MD Anatomy	Assistant Professor	<ul style="list-style-type: none"> • Guide for MSc Anatomy • Examiner for internal assessment MBBS 1st Prof • Invigilatio for Examination • Member of Flying Squad Team for Jamia Hamdard • Member of Internal Quality Assurance Cell Committee. • Member of Anti ragging committee HIMSR 	NA
Department of Physiology					
1.	Prof (Dr) M.I. Alam	M.Sc., PhD	Head & Professor	<ul style="list-style-type: none"> -Convener, Anti- ragging Committee, HIMSR -Chairman, RPAC, HIMSR -Deputy Proctor, JH -Member, Grievance Committee 	NA
2.	Dr Shikha Gautam	MD	Associate Professor	NA	NA
3.	Dr Amina S. Zaidi	MD	Assistant Professor	<ul style="list-style-type: none"> -Member, Academic meet Committee -Member, Multipurpose Committee 	NA
4.	Dr Bhawna Mattoo	MD	Assistant Professor	<ul style="list-style-type: none"> -Member, Internal quality Assurance Cell -Member, Examination Committee 	NA
5.	Dr. Perveen Akhter	MD	Assistant Professor	NA	NA
6.	Dr. Raihan Mannan	MD	Assistant Professor	Resigned (21.01.2023)	NA
7.	Dr Nishu Mittal	MD	Senior Resident	Resigned (10.04.2023)	NA
8.	Dr Fauzia Iftekahar	MBBS	Demonstrator	NA	NA
9.	Dr Manju Sharma	MBBS	Demonstrator	NA	NA
10.	Dr Narinder Singh	MBBS	Demonstrator	Transfer (10.02.2023)	
11.	Ms Sheema Wazib	M.Sc.	Demonstrator	NA	NA
Department of Biochemistry					
1.	Dr Alpana Saxena	MBBS, MD	Professor & Head	NA	NA
2.	Dr Sana Alam	MBBS, MD	Associate Professor	<ul style="list-style-type: none"> • In charge of MBBS (Biochemistry) • MD (Biochemistry) Coordinator. • Member of hospitality team and nodal committee of HIMSR. Member anti- ragging committee HIMSR 	NA
3.	Dr Kailash Chandra	M.Sc, Ph.D. (Medical Biochemistry)	Assistant Professor	<ul style="list-style-type: none"> • M.Sc./Ph.D Course coordinator • Incharge Clinical Biochemistry lab HAHC Hospital • Nodal Officer (HIMSR)- IT project (NMC) 	NA

				<ul style="list-style-type: none"> Member Management Review for Lab Committee 	
4.	Dr Bhumika Upadhyay	M.Sc., PhD (Medical Biochemistry)	Assistant Professor	<ul style="list-style-type: none"> Member of hospitality team and nodal committee of HIMSR. Member anti-ragging committee, Newsletter editorial team HIMSR 	NA
Department of Pharmacology					
1.	Dr. Razi Ahmad Professor	DCH, MD	Professor & Head	HoD, Chairman PvPI, Coordinator Pharmacovigilance programe of India Chairman Pharmacothreputic committee Member Secretary Ethics Committee (IEC-HIMSR)	NA
2.	Dr. Tanveer Ahmad Khan	MD	Professor	Joined department on 14.02.2022	NA
3.	Dr. Nusrat Nabi	MD	Assistant Professor	Deputy coordinator PvPI	NA
4.	Dr. Sana Rehman	MD	Assistant Professor	NA	NA
5.	Dr. Shresth Khanna	MD	Assistant Professor	NA	NA
Department of Pathology					
1.	Dr. Sujata Jetley	MD Pathology	Professor and Head	Co-Ordinator, IInd Professional MBBS course Chairperson, Hospital Transfusion Committee, HAHC Hospital Convener, Curriculum Sub Committee Phase II	NA
2.	Dr. Sabina Khan	MD Pathology	Professor	Chairperson, Institutional Ethics Committee, Jamia Millia Islamia, New Delhi Biosafety officer, Institutional biosafety committee, JMI Member, Institutional Ethics Committee, Jamia Hamdard, New Delhi Member, Institutional Ethics Committee, HIMSR, New Delhi Member, Research Project Advisory Committee (RPAC), HIMSR Coordinator IQAC cell HIMSR Co-coordinator, Medical Education Unit, HIMSR Chairperson, Library Committee, HIMSR Member, Curriculum Committee, HIMSR Member, Cultural Committee, HIMSR Member, UG Committee, HIMSR Incharge, Academic meets, HIMSR Member Hospital Transfusion Committee, HAHC Hospital Incharge AETCOM phase II HIMSR	NA
3.	Dr. Zeeba S. Jairajpuri	MD Pathology	Professor	Member secretary, IQAC, HIMSR Incharge Examination section Member Anti-ragging Committee Member Grievance Committee Member Gender Harassment Committee Member Secretary Hospital Transfusion Committee, HAHC Hospital Member Quality Assurance Cell Member Student Research Advisory Committee Of Ph.D. Students, Faculty Of Pharmacy And Department Of Biochemistry Member Curriculum Sub-Committee Phase II.	NA

4.	Dr Safia Rana	DNB Pathology & DCP	Associate Professor	Member Externship and internship committee Integration & alignment team 2 nd Prof MBBS CBME Deputy Medical Superintendent MBBS Professional exam	NA
5.	Dr Shaan Khetrapal	MD Pathology	Associate Professor	Co-ordinator, Mentorship Program Member secretary, Quality check team for cafeteria in HIMSR	NA
6.	Dr Nehal Ahmad	MD Pathology	Associate Professor	Departmental Library Incharge Coordinator for CPC from pathology side	NA
7.	Dr Rubeena Mohroo	MD Pathology	Assistant Professor	Warden of AMHR Girls Hostel Member secretary, Anti-ragging Committee Member AETCOM team phase II	NA
8.	Dr Duree Aden	MD Pathology	Assistant Professor	NA	NA
9.	Dr Monal Trisal	MD Pathology	Assistant Professor	Member AETCOM team Phase II	NA
Department of Microbiology					
1.	Dr. Charoo Hans	MD	Professor & Head	Chairperson for BioMedical waste management committee for Beuro of Indian Standard	NA
2.	Dr. Mridu Dudeja	MD	Professor	Dean, Member Delhi Medical Council, Member FSSAI	NA
3.	Dr. Rachna Tewari	MD	Professor	NA	NA
4.	Dr. Neetushree	MD	Associate professor	Member secretary: HICC Member secretary: RPAC Member: IQAC HIMSR Accreditation: Worked as Quality manager of the Microbiology Lab for NABL	NA
5.	Dr. Stuti Kaushik	MD	Assistant Professor	1. Member: NTEP Committee, HIMSR 2. IAMM DC Quarterly meet (August 2022)	NA
6.	Dr. Ayan Kumar Das	M.Sc. PhD	Assistant Professor	Member: 1) Hospital Infection control committee 2) Admission committee 4) Library committee 5) IQAC, HIMSR 6) Member Secretary Grievance Committee	NA
7.	Dr. Saba Alam	MBBS	Demonstrator	NA	NA
8.	Dr. Shyamasree Nandy	M.Sc. PhD	Demonstrator	NA	NA
9.	Dr. Midhat Ali Khan	MD	Senior Resident	NA	NA
10.	Dr. Sarita Yadav	MD	Senior Resident	NA	NA
Department of Forensic Medicine					
1.	Dr. R.N. Tandon	MBBS, MD	Professor & Head	NA	NA
2.	Dr. Shahina	MBBS, MD	Associate Professor	NA	NA
3.	Dr. Sarthak Aeron	MBBS, MD	Assistant Professor	NA	NA
4.	Dr. Zenis Baluja	MBBS	Demonstrator	NA	NA
5.	Dr. Sahil Sharma	MBBS, MD	Senior Resident	NA	NA
6.	Dr. Rupjyoti Medhi	MBBS, MD	Senior Resident	NA	NA
Department of Community Medicine					
1.	Prof. Farzana Islam	MD Community Medicine	Professor & Head	<ul style="list-style-type: none"> • Admission In charge • Member of • Working team for NAAC • Postgraduate Committee-HIMSR • Secretary of institutional board of studies HIMSR 	NA

				<ul style="list-style-type: none"> • Anti Ragging Committee • NMC Committee • Expert Committee for overseeing implementation of PWC derived SOPs. <p>School Board of the School of Chemical & Life Sciences (SCLS), Jamia Hamdard</p>	
2.	Prof. Sushovan Roy	MD Community Medicine	Professor	o Chairperson, Cultural committee of HIMSR &HHC	NA
3.	Dr. Aqsa Shaikh	MD Community Medicine, PG Diploma in bioethics and Medical ethics PG Diploma in Human Resources Management	Associate Professor	o Member, Medical education unit, o Member, Publication Committee, o Member, Internal Complaint o Alumni Committee, Chairperson, o Vector breeding control committee, Member of culture committee	NA
4.	Dr. Faheem Ahmed	MD Community Medicine	Associate Professor	On long Leave (2years)	NA
5.	Dr. Yasir Alvi	MD Community Medicine	Assistant Professor	o Nodal officer, NTEP, o Member, ART committee, Member, DRTB Committee	NA
6.	Dr. Richa Gautam	MD Community Medicine	Assistant Professor	NA	NA
7.	Dr. Mohammad Rashid	MD Community Medicine	Assistant Professor	o Member Secretary, Vector Born Disease Control Committee	NA
8.	Dr. Kartikey Yadav	MD, DNB Community Medicine	Assistant Professor	o Member, NMC Team	NA
9.	Dr. Farishta D Hannah	MD, DNB Community Medicine	Assistant Professor	NA	NA
10.	Dr. Shyambhavee	MD, DNB Community Medicine	Assistant Professor	NA	NA
11.	Dr. Varun Kashyap	Ph.D Biostatistics	Assistant Professor	NA	NA
12.	Dr. Sana Nawab	MD Community Medicine	Senior Resident	NA	NA
13.	Dr. Vishal Singh	MD Community Medicine	Senior Resident	NA	NA
14.	Dr. Nitesh Kumar	MD Community Medicine	Senior Resident	NA	NA
15.	Dr. Karthika	MD Community Medicine	Senior Resident	NA	NA
Department of General Medicine					
1.	Dr Sunil Kohli	MD, MBBS	Professor	NA	NA
2.	Dr Prem Kapur	MD, MBBS	Professor	NA	NA
3.	Dr Vindu Amitabh	MD, MBBS	Professor	NA	NA
4.	Dr Anil Kumar Jain	MD, MBBS	Professor	NA	NA
5.	Dr Anwar Habib	MD, MBBS	Professor	NA	NA
6.	Dr Vineet Jain	MD, MBBS	Professor	NA	NA
7.	Dr Afreen Khan	MD, MBBS	Professor	NA	NA
8.	Dr Ashraf Khan	MD, MBBS	Assistant Professor	NA	NA
9.	Dr Afroz Jamal	MD, MBBS	Assistant Professor	NA	NA
10.	Dr Dharmander Singh	MD, MBBS	Assistant Professor	NA	NA
11.	Dr Arvind Kumar	MD, MBBS	Assistant Professor	NA	NA
12.	Dr Pratibha	MD, MBBS	Assistant Professor	NA	NA
13.	Dr Rosmy Jose	MD, MBBS	Assistant Professor	NA	NA

14.	Dr Rashmi Rajput	MD, MBBS	Assistant Professor	NA	NA
15.	Dr Sajad ul Islam	MD, MBBS	Assistant Professor	NA	NA
16.	Dr Bilal Ahmad Wani	MD, MBBS	Assistant Professor	NA	NA
Department of Dermatology, Venereology & Leprology					
1.	Dr. Mukesh Manjhi	MBBS, MD	Associate Professor and Head	NA	NA
2.	Dr. Shafia N. Kakroo	MBBS, MD	Assistant Professor	NA	NA
3.	Dr. Ashraf Jamal	MBBS, MD	Assistant professor	NA	NA
Department of Psychiatry					
1.	Dr Nimmi A Jose	MD, MRCPsych	Associate Professor & HOD	NA	NA
2.	Dr Rashmi Prakash	MD, DNB, MRCPsych	Assistant Professor (till 6/10/22)	NA	NA
3.	Dr Avisha Mahla	MD Psychiatry	Assistant Professor (18/10/22-17/01/23)	NA	NA
4.	Dr Deepika Makkar	MD Psychiatry	Assistant Professor (14/02/23-24/02/23)	NA	NA
Department of Paediatrics					
1.	Prof Devki Nandan	MD	Professor & Head	NA	NA
2.	Dr Rekha Harish	MD	Professor	Relieved on January 2023	NA
3.	Prof JN Mohapatra	MD	Professor	Relieved on 18 March 2023	NA
4.	Prof Sangita Yadav	MD	Professor	NA	NA
5.	Dr. Aparna Charravarty	MD	Associate Professor	Relieved on 19 July 2022	NA
6.	Dr Afreen Khan	MD	Assistant Professor	Immunization clinic supervisor Pediatrics- UG 2018 batch Incharge Postgraduate teaching incharge	NA
7.	Dr. Kaifi Siddiqui	DCH, DNB	Assistant Professor	Relieved on 14th Jan 2023	NA
8.	Dr. Sana Salim Khan	MD	Assistant Professor	Nicu incharge Incharge of MBBS 2020 batch,	NA
9.	Dr Mohd Ayub Ansari	MD	Assistant Professor	NMC Nodal Officer Incharge of MBBS 2019 Batch	NA
10.	Dr Rashmi Hooda	MD	Assistant Professor	NA	NA
11.	Dr Lucky Manik	DCH, DNB	Assistant Professor	Incharge of MBBS 2021 batch	NA
Department of Respiratory Medicine					
1.	Dr Sumeera Banday	MBBS, MD	Associate Professor and Head of Department	NA	NA
Department of Emergency Medicine					
1.	Dr. Vinu Amitabh	MD Medicine	Professor	NA	NA
2.	Dr. Roshan Mathew	MD, DNB Emergency Medicine	Assistant Professor	1. Nodal officer for oxygen supply during COVID pandemic 2. Ambulance In charge	NA
3.	Dr. Rashmi Datta	MD Anaesthesia	Professor (resigned in December, 2022)	NA	NA
4.	Dr. Irshad Youssf	MD Anaesthesia	Assistant Professor (resigned in October, 2022)	NA	NA
Department of Surgery					
1.	Dr. Ajay Thakral	MS (General Surgery)	Professor & Head	• Head, Central Skills Lab, HIMSR	NA

				<ul style="list-style-type: none"> Member MEU 	
2.	Dr. Musharraf Husain	MS (General Surgery)	Professor	<ul style="list-style-type: none"> Medical Superintendent Coordinator MEU 	NA
3.	Dr. Divya Prasad	MS	Associate Professor	<ul style="list-style-type: none"> UG teaching In charge Batch (2019) In charge Clinico-pathological meet In charge Museum 	NA
4.	Dr. Rayees Ahmad Bhat	MS (General Surgery)	Associate Professor	<ul style="list-style-type: none"> Hostel Warden In charge Research activities 	NA
5.	Dr. Fahad Tauheed	MS (General Surgery)	Associate Professor	<ul style="list-style-type: none"> In charge PG teaching UG teaching In charge Batch (2021) 	NA
6.	Dr. Sachin Katyal	MCh. (Paediatric Surgery)	Associate Professor	<ul style="list-style-type: none"> UG teaching In charge Intern (2018) In charge Central skills lab teaching UG/PG In charge Library 	NA
7.	Dr. Manzoor Ahmed	MS (General Surgery)	Assistant Professor	UG teaching In charge Batch (2020)	NA
8.	Dr. Tajammul Rashid	MS (General Surgery)	Assistant Professor	<ul style="list-style-type: none"> In charge Research Departmental tumor board 	NA
9.	Dr. Mohd. Saquib	MCh. (Plastic Surgery)	Assistant Professor	<ul style="list-style-type: none"> Incharge Departmental electives 	NA
10.	Dr. Sheikh Viqar	MS (General Surgery)	Assistant Professor	<ul style="list-style-type: none"> UG teaching In charge Batch (2022) Department Website maintenance 	NA
11.	Dr. Atul Agarwal	MS. M.Ch. Neurosurgery	Assistant Professor	<ul style="list-style-type: none"> In charge Clinico-radiological meet 	NA
12.	Dr. Vijender Varma	MS (General Surgery)	Assistant Professor	<ul style="list-style-type: none"> (Co-incharge) In charge Clinico-radiological meet 	NA

Department of Orthopaedics

1.	Prof. (Dr.) Sandeep Kumar	MS (Ortho)	Professor & Head	NMC Incharge	NA
2.	Dr. Javed Jameel	MS (Ortho)	Professor	NA	NA
3.	Dr. Owais Ahmed Qureshi	MS (Ortho)	Professor	Head Of Emergency Medicine	NA
4.	Dr. Aarti Dewan	MS (Ortho)	Assistant Professor	Joined on 10/07/2023	NA
5.	Dr. Siddhartha Sinha	MS (Ortho)	Assistant Professor	NA	NA
6.	Dr. Kafeel Khan	MS (Ortho)	Assistant Professor	Relieved on 30/11/2022	NA
7.	Dr. Irfan Andleeb Gul	MS (Ortho)	Assistant Professor	NA	NA
8.	Dr. Yasim Khan	MS (Ortho)	Assistant Professor	Joined on 24/08/2022	NA
9.	Dr. Muzaffar Mushtaq	MS (Ortho)	Assistant Professor	Joined on 26/08/2022	NA
10.	Dr. Lokendra Singh	MS (Ortho)	Assistant Professor	Joined on 14/02/2023	NA

Department of Physical Medicine and Rehabilitation (PMR)

1.	Dr. Deo Rishi Tripathi	MS (Ortho)	Professor & Head	NA	NA
2.	Dr. Vasundhara Saha	MD (PMR)	Assistant Professor	NA	NA

Department of Ophthalmology

1.	DR. V.S. GUPTA	MS (OPHTHALOMOLOGY)	Professor & Head	NA	NA
2.	Dr Hina Kauser	MS (OPHTHALOMOLOGY)	Professor	NA	NA
3.	Dr Taskin Khan	MS (OPHTHALOMOLOGY)	Associate Professor	NA	NA

4.	Dr Monika Kapur	MS, DNB, FICO (OPHTHALMOLOGY)	Assistant Professor	NA	NA
5.	Dr Niharika Chaudhary	MS (OPHTHALMOLOGY)	Assistant Professor	NA	NA
6.	Dr Sugourab Das	MS (OPHTHALMOLOGY)	Assistant Professor	NA	NA
Department of Otorhinolaryngology- Head & Neck Surgery					
1.	Dr. Khaja Naseeruddin	M.S, D.L.O, F.I.A.O	Professor & Head	NA	NA
2.	Dr. Seema Monga	M.S (ENT)	Professor	NA	NA
3.	Dr. Arun P. Sharma	M.S (ENT)	Associate Professor	NA	NA
4.	Dr. Shahid Rasool	M.S (ENT)	Assistant Professor	NA	NA
5.	Dr. Deepti Agarwal	M.S (ENT)	Assistant Professor	NA	NA
6.	Dr. Shilpam Sharma	M.S (ENT)	Assistant Professor	NA	NA
7.	Dr. Raphella Khan	M.S (ENT)	Assistant Professor	NA	NA
Department of Obst. & Gynae					
1.	Dr Aruna Nigam	MBBS(1998) MS (2003)	Professor & HoD	NA	NA
2.	Dr Arifa Anwar Elahi	MBBS(1998) DNB (2004)	Professor	NA	NA
3.	Dr Sumedha Sharma	MBBS(2003) MS(2007)	Associate Professor	NA	NA
4.	Dr Nidhi Gupta	MBBS(2009) MS(2013)	Associate Professor	NA	NA
5.	Dr Arpita De	MBBS(2002) MS(2008)	Associate Professor	1. Nodal faculty for Delhi State Audit on Cesareans. 2. Nodal faculty for Website for OBG	NA
6.	Dr Dina Aisha Khan	MBBS(2014) MD(2018) DNB(2019)	Assistant Professor	NA	NA
7.	Dr Zeba Khanam	MBBS (2013) M.S. OBGY (2016)	Assistant Professor	NA	NA
8.	Dr Asma Khanday	MBBS(2013) DGO(2016) DNB(2019)	Assistant Professor	NA	NA
9.	Dr Supriya Chaubey	M.B.B.S. (2006) M.S. (2011)	Assistant Professor	NA	NA
10.	Dr Saima Salam	MBBS (2011) MS (2016)	Assistant Professor	NA	NA
11.	Dr Pratibha Roy	MBBS (2013) M.S. (2019)	Assistant Professor	NA	NA
12.	Dr Chandrakanta	MBBS 2013 MS 2018	Assistant Professor	NA	NA
Department of Anesthesiology					
1.	Dr. Kharat Mohd Batt	MBBS, MD	Professor & Head	Member Supernumerary Committee Member of HIMSR Fee Committee for UG & PG Member of Selection committee for Nurses & Technicians Member of Hospital	NA

				Infection Control Committee (HIC C) Member of Selection Committee for the posts of GDA/ Nursing Aid	
2.	Dr. Mary Abraham	MBBS, MD, DNB	Professor	NA	NA
3.	Dr. Jyotsna Agarwal	MBBS, MD, Interventional Pain Medicine & Diploma in Hospital Management	Professor	Member Institutional Ethics Committee Member of Biomedical Committee Member of RPAC Committee Member of NMC Committee Member of Sports Committee	NA
4.	Dr. Pratibha Panjari	MBBS, MD	Associate Professor	Member of Code Blue Committee, HIMSR	NA
5.	Dr. Samiksha Khanuja	MBBS, MD	Associate Professor	NA	NA
6.	Dr. Vertika Sachan	MBBS, MD, PDCC CARDIAC ANAESTHESIA	Assistant Professor	NA	NA
7.	Dr. Tahir Ahamad Masoodi	MBBS, MD	Assistant Professor	NA	NA
8.	Dr. Mahnaz Showkat Shah	MBBS, MD	Assistant Professor	Resigned on 07/01/2023	NA
9.	Dr. Shoiab Bashir Khanday	MBBS, MD	Assistant Professor	Resigned on 14/12/2022	NA
10.	Dr. Wasim Rafiq	MBBS, MD	Assistant Professor	Resigned on 04/03/2023	NA
11.	Dr. Mahima Gupta	MBBS, MD, DM (Onco- An)	Assistant Professor	NA	NA
12.	Dr. Priyanka Singh	MBBS, MD	Assistant Professor	Resigned on 01/05/2023	NA
13.	Dr. Mansi Jain	MBBS, MD	Assistant Professor	NA	NA
Department of Radio-Diagnosis					
1.	Dr Abhinav Jain	DNB, MNAMS	Professor and HOD	NA	NA
2.	Dr G.S. Sabhikhi	MD	Professor	NA	NA
3.	Dr S.K. Bajaj	MD	Professor	NA	NA
4.	Dr Priyanka Mattoo	MD	Assistant Professor	NA	NA
5.	Dr Tany Chandra	MD, DNB	Assistant Professor	NA	NA
6.	Dr Kriti Malhotra-	DNB	Assistant Professor	NA	NA
Department of Dentistry					
1.	Dr. Nilima Sharma	MDS	Professor & Head	Chairperson BOS Expert Reviewer ICMR Project Co-Supervisor MSc Student Lecture MBBS Students	NA
2.	Dr. Akbar Naqvi	MDS	Associate Professor	Lecture MBBS Students Member BOS	NA
3.	Dr. Chhavi Jain	MDS	Assistant Professor	Invigilation duty theory exams	NA
4.	Dr. Jameel Qazi	MDS	Senior Resident	NA	NA

5 B. Detail of Adjunct/Visiting Professor (additional row may be added): NA

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Dr Anil Solanki	Retina Vitreo Consultant	Retina Consultant	Twice a week (Tuesday/ Friday)
2.	Professor Shishir Rastogi	DNB Orthopaedics	Orthopaedics	Orthopaedics Oncology Specialist

6. Courses/Programmes of the Department

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
HIMSR Undergraduate Programme				
	MBBS	UG	150	150
HIMSR Postgraduate Programme				
1	MS Anatomy	PG	03	2017
2	MSc. Anatomy	PG	08	2018
3	MSc Physiology 1st/2nd/3rd	PG	8/8/8	3/3/7
4	MD Biochemistry	PG	2	-
5	MSc Medical Biochemistry	PG	8	04
6	Ph.D Medical Biochemistry	Doctoral	4	01
7	MD Pathology	PG	3	7
8	MD Pharmacology	PG	04	01
9	M.Sc Pharmacology	PG	05	01
10	Ph.D Pharmacology	Doctoral	03	-
11	MS ENT	PG	2	2
12	MD Community Medicine	PG	3	2
13	Masters in Public Health	PG	6	2
14	Ph D Public Health	Doctoral	3	2
15	MD Anaesthesia	PG	4	4
16	MS Orthopaedics	PG	3	3
17	MD Obs & Gynae	PG	4	4
18	MD Medicine	PG	4	4
19	MD Pediatrics	PG	4	4
20	MD Microbiology	PG	03	-
21	MSc Medical Microbiology	PG	08	07
22	PhD medical Microbiology	Doctoral	02	-
23	MS Ophthalmology	PG	03	03
24	MS General Sugary	PG	04	04
25	MD Radio-Diagnosis	PG	03	03

7. New study programme (s) launched during 2022 – 2023 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	MD Biochemistry	PG	-	-
2	MS ENT	PG	-	-
3	MD Anaesthesia	PG	-	-
4	MS Orthopaedics	PG	-	-
5	MD Obs & Gynae	PG	-	-
6	MD Medicine	PG	-	-
7	MD(Pediatrics)	PG	-	-
8	MD Microbiology	PG	-	-
9	MS Ophthalmology	PG	-	-
10	MS General Sugary	PG	-	-
11	MD Radio-Diagnosis	PG	-	-
12	MD Pharmacology	PG	-	-

8. Study programme discontinued during 2022-2023, if any: NA

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Reason of discontinuance, if any

9. Facilities for students or research scholars created during the year (including procurement of equipment costing more than 5 lacs):

Sl. No.	Name	Purpose	User
1.	Level 1 ART facilities	Intrauterine Insemination (IUI)	Faculty /MD students

2.	2 Bubble CPAP and 2 HHFNC sanctioned	Neonatal Intensive Care Unit (NICU)	Faculty/MDstudents/ NICU staff
3.	Cell Culture Laboratory	For research purpose and training of PhD and PG students	Faculty, PhD and PG students
4.	BERA with ASSR machine	Neonatal Audiometry	Faculty/MD students/Staff
5.	OAE machine	Hearing Test machine	Faculty/MD students/Staff
6.	New Slit Lamp (2)	three-dimensional visualization and measurement of the fine anatomy of the adnexa and anterior segment of the eye	Faculty/MD students/Staff
7.	Synoptophore (1)	Binocular function in the presence of a manifest squint specially used in children	Faculty/MD students/Staff
8.	Specular Microscope em-400 with table (1)	Imaging of the corneal endothelium	Faculty/MD students/Staff
9.	Anaesthesia Work station (4)	For delivering general anaesthesia	Faculty/MDstudents/ Staff/OT technicians
10.	MRI 3 Tesla	Imaging of Soft tissues	Faculty/MD students/Staff
11.	CT 128 slice	Imaging of Bones and Tissues	Faculty/MD students/Staff
12.	DSA	Angiography	Faculty/MD students/Staff
13.	Manual Rotary Microtome Model HM 325 (Make: epreidia)	Section Cutting	Faculty/MD students/Staff
14.	Sixpart Hematology Analyser (Sysmex XN-1000)	Conducting a Complete Blood Count	Faculty/MD students/Staff
15.	Computer Assisted Learning Lab with 25 computers and software	For teaching	Faculty, PhD, MD, MSc MBBS

10. Detail of post-doctoral Research in the Department:

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. Poonam Gupta (Woman Scientist Fellow).	Rs. 30 Lakhs (Including Fellowship of Principal Investigator (PI) @ Rs. 50, 000 /- per month during submission of the project. The fellowship of PI was increased to Rs. 60, 000 p.m. in 2019. The tenure of the fellowship was Jan., 2019 to Dec., 2022. Since the PI was employed in NCDC, Delhi upto Jan., 2022, the fellowship only from Jan., 2022 to Dec., 2022 will be awarded to the PI.	Department of Health Research, Ministry of Health and Family Welfare.	To study the molecular determinants of mother-to-child transmission of Human Immunodeficiency Virus Type - 1

11. A. PhD scholars' detail (currently enrolled): 2022-2023:

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Sohrab A Khan	Effect of combined exercise and manual therapy on molecular markers in patients with knee osteoarthritis	Prof.(Dr.) M.I. Alam	JH	without fellowship	
2	Dr.Abhirup Bandopadhyaya	Sterile Inflammatory Molecules (Damage Associated Molecular Pattern Molecules): Development as Biomarkers for pre- eclampsia	Prof.(Dr.) M.I. Alam	JH	without fellowship	
3	Huma Quasimi	Characterization of sterile inflammatory biomarkers for the development of pre-eclampsia and its pathogenesis	Prof.(Dr.) M.I. Alam	JH	with fellowship	
4	AbdulLatiful Khabir	Effect of combined HIIT and resistance training on HRV and VO2 max in patients with T2DM	Prof.(Dr.) M.I. Alam	JH	with fellowship	
5	Vinita Manchanda	In-process	Prof.(Dr.) M.I. Alam	MoU	with fellowship	
6	Aliya Mufti	Correlation of neurocognitive and motor function deficit severity with gut physiology in Cerebral palsy children	Prof.(Dr.) M.I. Alam	JH	with fellowship	
7	Sheema Wazib	In-process	Prof.(Dr.) M.I. Alam	JH	without fellowship	
8	AnishMurtaja Alam Khan	Pancreatic beta cell regeneration: Exploringthe role of chicoric acid as a phytochemical candidate.	Dr. Kailash Chandra	-	-	
9	Dr. Harsh Rajvanshi	Assessment of community-based strategies under Malaria Elimination Demonstration Project (MEDP) for reduction of malaria cases in a tribal district of Madhya Pradesh, India	Dr. Farzana Islam	MoU	Without fellowship	-
10.	Dr. Himani Khanna	A randomized placebo-controlled trial to study the impact of probiotic supplementation on behavioral and gastrointestinal symptoms in children aged 2-9 years with autism spectrum disorder from Delhi NCR.	Dr. Sushovan Roy	-	-	
11.	Dr. Soumalya Ghosh	Assessment of the Effectiveness of a Behavior Change Communication Package on	Dr. Farzana Islam	-	-	

		Knowledge, Attitude and Practice towards Cervical Cancer, it's screening and HPV Vaccination among adolescent girls (10-19 years) and women (20-65years) in East Singhbhum district: A mixed method study				
12.	Dr. Qazi Toufique Ahmed	A mixed method study to assess the facilitators and barriers for Tuberculosis preventive therapy (TPT) amongst household contacts of pulmonary TB patients in the state of Sikkim.	Dr. Farzana Islam	-	-	
13.	Dr. Rashmi Chokkar	A mixed methods study of the burden on caregivers and its association with glycemic control of Type 1 diabetes mellitus children and adolescents attending a specialized clinic at a tertiary hospital in North India	Dr. Sushovan Roy	-	-	
14.	Deepak Chandra Bhatt	Assessment of e-Sanjeevani, a public-telemedicine service at Health and Wellness centers in two districts of Uttarakhand- a mix method study.	Dr. Aqsa Shaikh	-	-	
15.	Dr. Md Assadullah	Assessment of burden of Influenza, perception of key stakeholders on Influenza vaccination among pregnant woman and healthcare workers in four selected states.	Dr. Farzana Islam	-	-	
16.	Dr. Parag Deb Roy	To be approved	Dr. Sushovan Roy	-	-	
17.	Ms. Juveria Usmani	Evaluation of effect of Carica papaya leaf extract on Cecal ligation and puncture induced sepsis in rat	Prof. Razi Ahmad	-	-	
18.	Mr. Rafi Ahmad	To evaluate the pattern of antimicrobial utilization, adverse events, biomarkers and treatment costs in Intensive Care Unit (ICU) patients in a tertiary care hospital	Prof.A.Ray superannuated	-	-	
19.	Principal Investigator: Dr. Poonam Gupta (Woman Scientist Fellow).	To study the molecular determinants of mother-to-child transmission of Human Immunodeficiency Virus Type - 1	Co-investigator: Dr. Alpana Raizada, Professor, Department of Medicine, GTB Hospital, Delhi. Mentor: Dr. Charoo Hans, Head of the Department, Department of Microbiology, HIMSR, New Delhi.	-	With fellowship	Three Years Government project with extension

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2022-2023:

Sl. No.	Name of scholar	Name of supervisor	Month of viva voce examination
1.	Mr. Rahat Ali (Dept. of Toxicology)	Prof. Razi Ahmad	13.02.2023

12. Seminars/symposium/conferences/workshops/CME/faculty development programmes organized by the Department : 2022-2023:

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	External Quality Control analysis and its interpretation (Randox)	22-02-2022	M/S Randox Laboratories Ltd.	30
2	HIC induction training for different Health care workers & doctors	Monthly	HIMSR	>100
3	One time hospital wide HIC training for Medical staff	December22-Jan 23	HIMSR	>100
4	Safe injection practices	30 th July 2022	HIMSR & IFMS	>100
5	Patient safety for MBBS Induction Programme	30 th November 2022	HIMSR	>100
6	Conference : Delhi Public Health Conclave on Theme: Urban health: Role of public health in securing health for all	4th March 2023	Nil	180
7	Seminar: A cross-sectional study to assess the perception & proportion of sexual Harassment among working woman in the health sector of India- An exploration of facts	6 th Dec, 2023	Nil	150
8	Guest Lecture : Dr. Ananda Badyopadhyay, Deputy Director, Polio, Bill & Malinda Gate foundation. Expert talk on Global Polio Eradication: Current Status	23 rd Nov, 2022	Nil	50
9	Cadaveric workshops	02/08/22	HIMSR	30
10	ACSCON-India Chapter 2022	03/08/2022 to 07/08/2022	HIMSR	500
11	RADIOLOGICAL ASPECTS IN OPHTHALMOLOGY	5 TH NOV 2022		
12	MANAGEMENT OF CATARACT SURGERY ASSOCIATED DRY EYE DISEASE	17 TH NOV 2022		
13	WEBINAR ON DRY EYE	19 TH NOV 2022		
14	CME ON NEPAFENAC 0.1% IN MANAGEMENT OF PAIN & INFLAMMATION POST CATARACT SURGERY & ROLE OF BAK FREE FORMULATION	9 TH DEC 2022		
15	GUEST LECTURE ON GLAUCOMA BY	31 ST JAN 2023		

16	Organized monthly Clinical meeting of AOI Delhi state branch on 16th Dec. 2022	16th Dec. 2022	AOI Delhi state branch	50
17	World Hearing day	3 rd March 2023	Nil	100
18	Basic Skills and Tips in Obstetrics & Gynaecology	7th may 2022		
19	Menstrual Hygiene Day Celebration & Skit presentation	27th may 2022		
20	Workshop on Population Day in	15th Jul 2022		
21	CME cum workshop on Managing postpartum Hemorrhage: Concept, Practice & Management	10.09.22	HIMSR & HAHC Hospital	
22	Workshop on 'Cervical cancer screening and treating" as part of the college event "Awaaz" in Nov 2022 HIMSR			
23	1 st Gynae Surgicon A-V 2022	3rd & 4 th Dec 2022		
24	Hands On workshop on Interventional Pain management with live case demo	15/09/22	-	50
25	CME on "HIMSR ANAESTHESIA AND PAIN UPDATE' 2022'on WHO World Patient Safety Day	17/09/22	-	100
26	Interpretation of Radiological Images	03.11.2022-04.11.2023	HIMSR	200
27	Musculoskeletal Imaging & Interventions	26.03.2023	Delhi State Chapter of IRIA	150
28	Basic Emergency workshop for undergraduates	6.11.2022	Anastomosis	30
29	UG/PG Quiz:Peadiatrics	August 1-7 2022	Nil	20
30	Poster Presentation WBW	August 1-7 2022	Nil	30
31	Seminar-Approach to Hypertension in Young Adults	01/04/22	Department of Medicine	15
32	Seminar-Approach to a Patient with Narrow Complex Tachycardia	08/04/22	Department of Medicine	16
33	Approach To Paraplegia	09/09/22	Department of Medicine	20
34	Review On Sepsis And Septic Shock	16/09/22	Department of Medicine	22
35	Approach to Chronic Diarrhea	21/10/22	Department of Medicine	23
36	Review on Renal replacement Therapy	11/11/22	Department of Medicine	22

37	Approach to seronegative arthritis	02/12/22	Department of Medicine	21
38	Asthma GINA guidelines 2022 management protocols.	09/12/22	Department of Medicine	18
39	Assessment for weaning from mechanical ventilation	14/12/22	Department of Medicine	14
40	Approach to tremor	03/02/23	Department of Medicine	15
41	Approach to Rx of Osteoporosis	08/02/23	Department of Medicine	12
42	Ataxia/ Clinical case Presentation	10/02/23	Department of Medicine	13
43	Use of Antiarrhythmic	15/02/23	Department of Medicine	15
44	Approach to dizziness and vertigo	17/02/23	Department of Medicine	11
45	Sleep disorders	17/03/23	Department of Medicine	18
46	Approach to hyperthyroid patient	24/03/23	Department of Medicine	17
47	Approach to thrombocytopenia	29/03/23	Department of Medicine	12

10.(b) Faculty Development Programmes/Workshops/Induction Programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members

Sl. No.	Name of the faculty Member	Details of programme	Period(From/To)	Institution where attended
1	Dr. Shayama K. Razdan	MBBS Orientation Programme	15 th November 2022	HIMSR New Delhi
2	Dr. Shalini Kumar	Biological electron microscopy	29 th Aug- 4 th September 2022	AIIMS New Delhi
3	Dr. Shalini Kumar	MBBS Orientation Programme	15 th November 2022	HIMSR New Delhi
5	Dr. Arpita Mahajan	Workshop on The Overview of In Vitro Fertilization Focus on Male Infertility	27 th Jan 2022	68 th NATCON KGMU Lucknow online
6	Dr. Arpita Mahajan	MBBS Orientation Programme	15 th November 2022	HIMSR New Delhi
7	Dr. Sabah Yaseen	Workshop on The Overview of In Vitro Fertilization Focus on Male Infertility	27 th Jan 2022	68 th NATCON KGMU Lucknow online
8	Dr. Sabah Yaseen	MBBS Orientation Programme	15 th November 2022	HIMSR New Delhi
9	Dr. Mohd. Anas Khan	Introduction to Scientific Writing	6 th October 2022	IFAA(Online)
10	Dr. Mohd. Anas Khan	MBBS Orientation Programme	15 th November 2022	HIMSR New Delhi
11	Dr Kailash Chandra	Multi-targeted Therapeutics in Unani and Ayurvedic Medicine and Food Supplement' organ	29-30 th July, 2022	Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology), BNPL Jamia Hamdard, New Delhi in association with IASTAM, Pune

12	Dr Kailash Chandra	Quality Management System and Internal Audit in Medical Laboratories as per ISO15189:2012'	August 30, 2022 to September 02, 2022	Medical Education & Learning Point (MELAP) (Virtual mode)
13		IDOR-2022 4 th November 2022 International Day of Radiology CME.		HIMSR, JAMIA HAMDARD
14		Antimicrobial Stewardship: Steering a path towards appropriate Antimicrobial use	23/11/22	HIMSR, JAMIA HAMDARD
15		Public Health Conclave on 04 th March 2023 by CommunityMedicine at Convention Centre Jamia Hamdard.		Convention Centre, JAMIA HAMDARD
16		Medicon 2022 DMA 63 rd Annual Conference 18 thDecember 2022 at Ashoka Hotel, Delhi		Ashoka Hotel, Delhi
17	Dr. Farzana Islam	Undergoing Leadership Journey (Cohort 2023) of India Cohort of the WomenLift Health Leadership Journey	2023	India Cohort of 2023
18	Dr. Farzana Islam	23 rd ADVAC Course (Advanced Course of Vaccinology)	8 th to 19 th May 2023	Les Pensières, Annecy, France
19	Dr. Yasir Alvi	Structured Operational Research Training Initiative (SORT-IT)	14- 26 November, 2022	NITRD, New Delhi
20	Dr. Yasir Alvi	India Health Policy & Systems Research fellowship	2-4 May, 2023	HSTP, ISID Campus, Vasant Kunj, New Delhi
21	Dr. Richa Gautam	National workshop on Qualitative Methods in Health Research	30 th & 31 st March 2023	IPHA
22	Dr. Richa Gautam	Workshop of stakeholders for IFSP-IHIP expansion in Delhi	25 th November 2023	MOHFW- NCDC
23	Dr. Richa Gautam	State planning workshop and TOT for Measles and Rubella elimination as a delegate.	12 th January 2023	MOHFW (SEPIO Delhi)
24	Dr. Richa Gautam	State workshop for training of accessor for Effective Vaccine Management in Uttar Pradesh as an accessor	11 th to 22 nd October 2022	NCCVMRC under MOHFW
25	Dr. Mohammad Rashid	Assessment of Behaviour change in Smokeless Tobacco Users During Covid-19 Pandemic Under ASTRA at MAMC	29 th November, 2023	Maulana Azad Medical College, Delhi
26	Dr. Nitesh Kumar	Assessment of Behaviour change in Smokeless Tobacco Users During Covid-19 Pandemic Under ASTRA at MAMC	29 th November, 2023	Maulana Azad Medical College, Delhi

27	Dr. Deo Rishi Tripathi	An 10A Initiative Defeat the Demon: Infection Symposium	19 th February -2023	HIMSR & HAHC Hospital, New Delhi
28	Dr. Deo Rishi Tripathi	Attended Delhi PMR Con –in Safdarjung delhi	March 5, 2022	VMMC & Safdarjung Hospital , New Delhi
29	Dr. Deo Rishi Tripathi	(Bridging the gap : Combating Cancer together)(Bridging the gap : Combating Cancer together)	1,2, April 2023	Max Institute of Cancer care vaishali
30	Dr. Arun Parkash Sharma	Asia Pacific Society of Thyroid Surgery (APTS 2023) Conference held on 23 rd - 26 th March 2023 at Kochi, Kerala.	23 rd - 26 th March 2023 at Kochi, Kerala.	Kochi, Kerala.
31	Dr. Arun Parkash Sharma	Workshop on operative Thyroidectomy and Laryngeal Reinnervation Live Surgery on 23 rd March 2023 at Amrita Institute of Medical Sciences ,Kochi, Kerala.	23 rd March 2023 at Amrita Institute of Medical Sciences ,Kochi, Kerala	Amrita Institute of Medical Sciences ,Kochi, Kerala
32	Dr. Arun Parkash Sharma	Symposium on Oral Oncology, JMI Can Con at Jamia Millia Islamia,Delhi 11th Feb,2023 (as Chairperson).	Jamia Millia Islamia,Delhi 11th Feb,2023 (as Chairperson).	Jamia Millia Islamia,Delh
33	Dr. Arun Parkash Sharma	CME on SALIVARY GLAND DISORDER.7 th Annual Congress Of Delhi NCR State Chapter of AOMSI, 10-11 th September 2022	10-11 th September 2022	Annual Congress Of Delhi NCR State Chapter of AOMSI,
34	Dr. Arun Parkash Sharma	Cadaveric skill workshop held at AIIMS Trauma Centre. New Delhi on 3 rd August 2022 (As Faculty)	3 rd August 2022	AIIMS Trauma Centre
35	Dr. Arun Parkash Sharma	Gurukul PG Master Class in ACSCON 2022. Annual Congress of The American College of Surgeons- India Chapter on 4 th -6 th August 2022(As Faculty)	4 th -6 th August 2022(As Faculty)	The American College of Surgeons- India Chapter
36	Dr. Arun Parkash Sharma	Annual Congress of The American College of Surgeons-India Chapter on 4 th -6 th August 2022 (As Faculty)	4 th -6 th August 2022 (As Faculty)	The American College of Surgeons- India Chapter
37	Dr. Shahid Rasool	33th Annual meeting of Indian Rhinology Society RHINOCON - 2022 Held at MAMC ,New Delhi on 7th- 9th oct 2022.	7th- 9th oct 2022.	MAMC ,New Delhi
38	Dr. Shahid Rasool	Structured Cochlear Implantation Course for Surgeons, Hands on training held at AIIMS New Delhi between 17-18 November; 2022.	17-18 November; 2022.	AIIMS New Delhi

39	Dr. Shahid Rasool	AIIMS-UCMS-UCHICAGO Joint meeting on -HEAD AND NECK CANCER, Held at AIIMS , New Delhi From 22th- 24th December 2022.	22th- 24th December 2022.	AIIMS, New Delhi
40	Dr. Deepti Agarwal	Attended XVIII Basic course in Endoscopic Sinus Surgery, Hands-on cadaveric dissection & workshop on 29 th march-1 st April 2023 held at Sion Medical College, Mumbai	29 th march-1 st April 2023	Sion Medical College, Mumbai
41	Dr. Deepti Agarwal	Attended hands-on Cadaveric Dissection & Hands-On Surgical Workshop for Thyroid Surgery organized by Neeti Clinics & Datta Meghe Medical College, Nagpur from 20-22 January'23.	20-22 January'23.	Neeti Clinics & Datta Meghe Medical College, Nagpur
42	Dr. Deepti Agarwal	AIIMS-UCMS-UCHICAGO Joint meeting on -Head And Neck Cancer, Held at AIIMS, New Delhi From 22th- 24th December 2022.	22th- 24th December 2022.	AIIMS, New Delhi
43	Dr. Deepti Agarwal	Attended RHINOCON-2022 held on 7-9 Oct 2022 at Maulana Abul Kalam Azad Medical College, New Delhi.	7-9 Oct 2022	Maulana Abul Kalam Azad Medical College, New Delhi.
44	Dr. Deepti Agarwal	Participated in the FDP on Teaching- Learning Opportunities in SWAYAM-MOOCs: Procedures & Practices on 13 th August 2022 in Ghaziabad.	13 th August 2022	
45	Dr. Deepti Agarwal	Attended live Surgical ENT Workshop on 16-17 April 2022 at Fortis Hospital, Chandigarh.	16-17 April 2022	Fortis Hospital, Chandigarh
46	Dr. Shilpam Sharma	Attended 23 rd Rhinoplasty and Facial Plastic Surgery Workshop from 7 th to 10 th October 2022 as a delegate at Akash Hospital, Indore.	7 th to 10 th October 2022	Akash Hospital, Indore.
47	Dr. Shilpam Sharma	Attended 123 rd Live Surgical and Cadaver Dissection Workshop held at Dr Rao's ENT superspeciality Hospital, Hyderabad on 5 th and 6 th November 2022.	5 th and 6 th November 2022.	Dr Rao's ENT superspeciality Hospital, Hyderabad
48	Dr. Raphella Khan	Presented Paper in AOICON 2023, 2nd -5th February 2023.	2nd -5th February 2023	AOICON
49	Dr. Raphella Khan	Attended KASOCON 2022, GMC Anantnag, 13th-14th May 2022, Kashmir.	13th-14th May 2022	GMC Anantnag, Kashmir.

50	Dr. Raphella Khan	Attended ReVision 2020-International Live Revision Otolological Surgery Workshop 3rd -5th June 2022, Bangalore.	3rd -5th June 2022	Bangalore.
51	Dr. Abhinav Jain	Advanced Course in Medical Education.	Ongoing	CMC Ludhiana
54	Dr. Sana Salim Khan	Advanced Neonatal resuscitation program	Aug-22	Safdarjung hospital
55	Dr. Sana Salim Khan	Pediatric advanced life support training and acis	Sep-22	Phoenix institute
57	Prof.(Dr) Devki Nandan,	RESPICON 2022 as (faculty) at Chennai & presented paper Rapid diagnosis of presumptive tuberculosis in children by loop mediated isothermal amplification in gastric aspirate and stool	18th December 2022	Chennai
58	Prof.(Dr) Devki Nandan,	As faculty for CME on National Tuberculosis Elimination Program at MAMC Delhi in 2022	Nov-22	MAMC Delhi
59	Prof.(Dr) Devki Nandan,	As Faculty in Delhi R. espicon 2022 at Gangaram Hospital	20 th November	Gangaram Hospital
60	Prof.(Dr) Devki Nandan,	speaker for International Summit on Haematology and Blood Disorders”	22nd December	Orlando, USA.
61	Prof.(Dr) Devki Nandan,	'Research Methods & Statistics	13th January 2023	MAMC Delhi
62	Prof.(Dr) Devki Nandan,	AIIMS Pediatrics Pulmonology and Intensive care course Bronchoscopy	29Oct – 30Oct 2022	AIIMS, New Delhi

13. Lectures/Talks by invited speakers:

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1	Dr Rajneesh Sahai (Director NOTTO)	Organ donation	1 st august 2023	-	150
2	Dr. Sushil Kabra(AIIMS New Delhi)	Paediatric Tuberculosis	28 th March 2023	-	150
3	Dr Vandana Roy (MAMC New Delhi)	Antimicrobial Stewardship	23 rd November 2022	-	150
4	Dr Saritha Shamsunder(VMMC New delhi)	HPV Vaccination	30 th August 2022	-	150

5	Dr Belal bin Asaf (Medanta Gurgaon)	Air Pollution and Covid 19- Impact on lung	26 th April 2022	-	150
6	Dr. Kailash Chandra	Drug Discovery and its development: AYUSH Perspective	19 th - 22 nd July 2022. Centre of Excellence of Unani Medicine (Pharmacognosy and Pharmacology), BNPL Jamia Hamdard, New Delhi	-	50
7	Dr Kailash Chandra	Medicinal Plants and their Phytochemicals: A potential candidate	April 22 to 24th, 2022 JSS College of pharmacy, JSS Academy of higher Education & Research, Mysuru, Karnataka, INDIA	-	250
8	Prof. Waseem Rizvi	Talk	JNMC ,Aligarh	Nil	15
9	Dr. Shahina	Violence- Epidemiology & Source of data	Nursing, Rufaida College of Nursing, Jamia Hamdard	NIL	40
10	Dr. Sarthak Aeron	Nurse as a witness and forensic team member beyond the scope of nursing practice	Nursing, Rufaida College of Nursing, Jamia Hamdard	NIL	40
11	Dr. Sahil Sharma	Admission and Discharge/referral of victim of violence	Nursing, Rufaida College of Nursing, Jamia Hamdard	NIL	40
12	Dr. Rupjyoti Medhi	Documentation in Criminal and Traumatic Events	Nursing, Rufaida College of Nursing, Jamia Hamdard 22nd April 2022	NIL	40
13	Dr. Richa Gautam	Transition curriculum programme prescribed by National Commission for Indian system of medicine	17 th Feb 2023	Unani college Jamia Hamdard.	20
14	Dr. Richa Gautam	End Tuberculosis by 2030: is the goal achievable	12.06.22	Nursing College of Rufaida Jamia Hamdard	40
15	Dr. Mukesh Manjhi	RECALCITRANT DERMATOPHYTOSIS ON THE ARISE	23.06 HOTEL LE MERIDIEN	SUNPHARMA	50
16	Dr. Mukesh Manjhi	TALK ON HAIR TRANSPLANTATION	ABVIMS AND DR DRML HOSPITAL DELHI	NONE	
17	Dr. Belal	Air Pollution & COVID-19 impact on the Lungs	LT	-	35
18	Dr. Chintamani	Basis of Suturing	CSL04/02/23	-	100
19	Dr. Anupam Biswas	Diabetes and the General Surgeon	Demo room 15.6.22	-	30
20	Dr. Sudipta Saha	Arteriovenous Fistula for Hemodialysis	Demo room	-	30
21	DR ABHINAV JAIN	RADIOLOGICAL ASPECTS IN OPHTHALMOLOGY	17.11.22	---	---
22	DR V.S GUPTA	MANAGEMENT OF CATARACT SURGERY ASSOCIATED DRY EYE DISEASE	19.11.22	---	---
23	DR V.S GUPTA	WEBINAR ON DRY EYE	9 TH DEC 2022	---	---
24	DR V.S GUPTA	CME ON NEPAFENAC 0.1% IN MANAGEMENT OF PAIN & INFLAMMATION POST CATRACT SURGERY & ROLE OF BAK FREE FORMULATION	31 ST JAN 2023	---	---

25	PADMSHRI DR HARSH KUMAR DIRECTOR CFS.	GUEST LECTURE ON GLAUCOMA		---	---
26	Prof. Khaja Naseeruddin	Chaired a session in AOICON conference on	28 th 2022 in MAMC Delhi.		
27	Prof. Khaja Naseeruddin	Allergic Rhinitis	Chaired a session on Allergic Rhinitis on 8 th Oct. 2022 at RHINOCON 2022 held at MAMC Auditorium New Delhi.		
28	Dr Seema Monga	Introduction to Otolaryngology in Transitional curriculum programme	SUMER Jamia Hamdard on 23rd March 2023.		
29	Dr Seema Monga	Diagnostic endoscopy training	22nd Dec. at School of Unani education and research, Jamia Hamdard		
30	Dr Seema Monga	Audiology	11th ENT update on 27th Nov at MAMC		
31	Dr Seema Monga	Rhinoplasty	Chaired a session on Rhinoplasty in RHINOCON 9 th Oct. 2022 at MAMC.		
32	Dr Seema Monga	Varied presentation of tuberculosis in ENT	AOICON conference on 28 th August 2022 in MAMC.		
33	Dr. Arun P. Sharma	Case of carcinoma Buccal Mucosa Metastasizing to intraparotid Lymph nodes			
34	Dr. Shahid Rasool	Paper Presentation: Comorbid Asthma In Allergic Rhinitis Patients	Presented Endoscopic excision of a rare case of advanced cavernous hemangioma of Sinonasal cavity at monthly Clinical meeting of AOI Delhi state branch on 16th Dec. 2022 at Hamdard Institute of medical sciences new delhi.		
	Dr. Shahid Rasool	Presented Endoscopic excision of a rare case of advanced cavernous hemangioma of Sinonasal cavity	Speaker in CME by CMERA, Srinagar 27/01/2023.		
35	Dr. Raphella Khan	Unusual relation of facial nerve and retromandibular vein in parotid surgeries –a case series.			
36	Dr Aruna Nigam	Took lecture on 18th feb' 2022 on "recurrent pregnancy loss and progesterones" organized by Abott Took Master Class on Surgical Pelvic anatomy in Webinar on 22nd Dec, 2021 organized by dept of obstetrics and Gynaecology, HIMSR, Delhi	HIMSR,23.4.22, 17.5.22		
37	Dr Aruna Nigam	Delivered lecture on " WHO cervical cancer elimination strategy: role of HPV Vaccine" on 23rd April in World congress on Adult Immunization organized by	26th May 2022		

38	Dr Aruna Nigam	Took Lecture on "surgical anatomy" in a webinar 17th May 2022 organized by SRMS, Bareilly	27th July, 2022		
39	Dr Aruna Nigam	Took lecture on Carbetocin a Hotel Hyatt , Delhi on 26th May 2022	10th Aug, 2022		
40	Dr Aruna Nigam	Took a lecture on "Ergonomics in Laparascopy' at Government institute of Medical Sciences, Noida on 27th July, 2022	23rd August 2022		
41	Dr Aruna Nigam	Took a lecture on "Anatomical and physiological urogenital tract changes during pregnancy" in Webinar by AOGD urogynae society on 10th Aug, 2022	10th sept 2022		
42	Dr Aruna Nigam	Took a lecture on "cryotherapy" in comprehensive colposcopy workshop organized by under Safdarjung hospital under aegis of AICC RCOG North zone annual conference on 23rd August 2022	23rd Sept 2022		
43	Dr Aruna Nigam	Delivered lecture on " stepwise dvascularization and internal iliac artery ligation" CME cum Hands on Workshop on "Postpartum Haemorrhage" on 10th sept 2022 at Archives Auditorium, Jamia Hamdard	24th Sept'2022		
44	Dr Aruna Nigam	Delivered lecture on "Can we Identify Critically Ill Women: Early Warning Score" on 23rd Sept 2022 in pregress NARCHI workshop at Sir Gangaram hospital	11th Nov'22		
45	Dr Aruna Nigam	Delivered lecture on " Dealing with Transgender patient" in world congress of NARCHI at Hotel Lalit on 24th Sept'2022	13th Nov		
46	Dr Aruna Nigam	Delivered LHMC oration on " Maternal hyperglycaemia as a cardiovascular risk in Offspring" in Annual Conference of ISARCON 2022 at AIIMS Guwahati on 11th Nov'22	27th Nov		
47	Dr Aruna Nigam	Delivered a debate on "Umbilical cord blood banking: is it overhyped? For the motion in Annual conference of AOGD at India Habitat centre on 13th Nov.	3rd Dec '22		
48	Dr Aruna Nigam	Delivered lecture on " Trouble shootings in cesarean section" on 27th Nov in 10th annual conference "Swadhyaya" organized by Vijaywada Obstetrics & Gynaecology society at Vijayawada.	3rd Dec '22		
49	Dr Aruna Nigam	Delivered lecture on "Surgical Anatomy of Pelvis" on 3rd Dec '22 in GYNAESURGICON 2022 AàV at Archive Auditorium, Jamia Hamdard	4th Dec '22		
50	Dr Aruna Nigam	Delivered lecture on "Myomectomy" on 3rd Dec '22 in GYNAESURGICON 2022 AàV at Archive Auditorium, Jamia Hamdard	on 21st Jan		
51	Dr Aruna Nigam	Delivered lecture on "CPT Repair" on 4th Dec '22 in GYNAESURGICON 2022 AàV at Archive Auditorium, Jamia Hamdard	8th and 9th Feb 2023		
52	Dr Aruna Nigam	Delivered lecture on "Applied anatomy of Pelvic floor" on 21st Jan at SOVS-D annual conference cum workshop at Sant Parmanand Hospital delhi	22nd March 2023		
53	Dr Aruna Nigam	Organized Webinar and took lecture on Surgical Pelvic anatomy on 8th and 9th Feb 2023	GMC, Chandigarh. 12/8/23		

54	Dr Aruna Nigam	Delivered Lecture on "Informed consent" in workshop on Medical Ethics on 22nd March 2023 organized by Medical Education Unit HIMSR	7th May, 2022		
55	Dr Nidhi Gupta	Approach to CTG	6-7 th august, 2022.		
56	Dr Nidhi Gupta	Delivered a lecture on Balloon tamponade in CME cum hands on workshop on 'Basic Skills in Obstetrics & Gynaecology for undergraduates on 7th May, 2022.			
57	Dr Nidhi Gupta	Delivered a lecture on Pap smear during ACSCON 2022- India Chapter held on 6-7 th august, 2022.	10 th sept, 2022. 15 th nov 2022		
58	Dr Nidhi Gupta	CME cum WORKSHOP on "Managing postpartum haemorrhage: Concept, practice & advances" and delivered a lecture on balloon tamponade along with ELAVI free flow system on 10 th sept, 2022.	3 rd -4 th dec		
59	Dr Nidhi Gupta	Delivered a lecture on 'Basics in Colposcopy' in CME cum hands on workshop during panacea- pre anastomosis conference on 'Screening and management of Pre-Cancerous Lesions' in collaboration with HIMSR anastomosis on 15 th nov 2022	18-20 th Jan 2023		
60	Dr Nidhi Gupta	Lecture on "cystectomy & salpingectomy" in conference 'Gynae- surgicon' on 3 rd -4 th dec, at Hamdard institute of medical science & research, 2022.	30 th Jan-1 st Feb 2023.		
61	Dr Nidhi Gupta	A lecture on screening methods for cervical cancer was taken in local language during "Training of ASHA of South –East District" under RCH programme on 18-20 th Jan 2023	6 th -8 th Feb, 2023		
62	Dr Nidhi Gupta	A lecture on screening methods for cervical cancer was taken in local language during "Training of ASHA of South –East District" under RCH programme on 30 th Jan-1 st Feb 2023.	GMC, Chandigarh. 12/8/23		
63	Dr Nidhi Gupta	A lecture on screening methods for cervical cancer was taken in local language during "Training of ASHA of South –East District" under RCH programme on 6 th -8 th Feb, 2023	6 th June 2023		
64	Dr Arpita De	Results and Interpretation of CTG	11/08/23		
65	Dr Arpita De	"Menopausal Hormonal therapy" webinar			
66	Dr Arpita De	Lecture and workshop on "Forceps in Cesarean delivery." Sitaram Bhartia Hospital (organized by DGFS)	21 st Jan 2023.		
67	Dr Arpita De	For Moderation of live surgical workshop on " Sacrospinous Ligament Fixation" in Annual Conference of SOVD (Society of Vaginal Surgeons of Delhi)	13 th Aug 2022. 21 st Jul 2022		
68	Dr Arpita De	Panelist in "Cases in Colposcopy" for Webinar, organized by ISCCP	27 th Mar 2023.		

69	Dr Arpita De	Panelist in "Vaccination in Womens health", organised by FOGSI & DGFS,	7th May, 2022		
70	Dr Arpita De	External moderator in 'Infertility' in AOGD PG Taskforce Academic Programme	10 th sept, 2022.		
71	Dr Arifa Anwar Elahi	Delivered a lecture on Breech vaginal delivery in CME cum hands on workshop on 'Basic Skills in Obstetrics & Gynaecology for undergraduates on 7th May, 2022.	3 rd -4 th dec		
72	Dr Arifa Anwar Elahi	CME cum WORKSHOP on "Breech vaginal delivery: Concept, practice & advances" and delivered a lecture on balloon tamponade along with ELAVI free flow system on 10 th sept, 2022.	4 th Aug 2023		
73	Dr Arifa Anwar Elahi	Lecture on "Total Abdominal History" in conference 'Gynae- surgicon' on 3 rd -4 th dec, at Hamdard institute of medical science & research, 2022.	1 st Jan 2023		
74	Dr Arifa Anwar Elahi	Guest faculty in judging posters by dept of pediatrics on Breastfeeding.	6-7 th august, 2022.		
75	Dr Arifa Anwar Elahi	Faculty lecture gynae on Specimen in PG course constructed by department of OBG in HIMSR			
76	Dr Arifa Anwar Elahi	Delivered a lecture on "Ovarian malignancy" during ACSCON 2022- India Chapter held on 6-7 th august, 2022.	10 th sept, 2022.7 MAY 22		
77	Dr Arifa Anwar Elahi	CME cum WORKSHOP on "Managing postpartum hemorrhage: Concept, practice & advances" and delivered a lecture on "Compression sutures" on 10 th sept, 2022.	10 th sept, 2022.		
78	Dr Sumedha Sharma	"Episiotomy" in CME cum hands on workshop on 'Basic Skills in Obstetrics & Gynaecology for undergraduates at HIMSR			
79	Dr Sumedha Sharma	CME cum WORKSHOP on "Managing postpartum hemorrhage: Concept, practice & advances" delivered a lecture on "Assessment of blood loss" at HIMSR	3 rd -4 th Dec 2022 at HIMSR		
80	Dr Sumedha Sharma	Lecture on "Manchester Operation" in 'Gynae- surgicon'	03/02/23		
81	Dr. Munish Chauhan, Sr. Intensivist, Fortis memorial Hospital Gurgaon	Basics of Extracorporeal Membrane Oxygenation	10/02/23		25 - 30
82	Dr. Kunal Raj Gandhi / Consultant Nephrologist, Amrita Hospital Faridabad	Renal Replacement Therapy	31/03/23		25-30
83	Dr. Rakesh Garg, Additional Professor, AIIMS, New Delhi	Research Methodology	20/04/23		25-20
84	Dr. Varsha Kaul, HIMSR	Electrocardiogram (ECG)	17.07.2022		25 - 30

85	Dr. Bhuvnesh Kansara, Senior Consultant, Max Superspeciality Hospital New Delhi	Anaesthetic implications of on pump and off pump CABG	21.08.2022		30
86	Dr Atin Kumar, AIIMS New Delhi	Emergency Trauma Imaging	Demo Room, Department of Radiodiagnosis 10.09.2022	NA	10
87	Dr Swati Naik, BATRA hospital, New Delhi	ChestRadiology	Demo Room, Department of Radiodiagnosis 22.10.2022	NA	9
88	Dr. Jyotsna Aggarwal -	Introduction to Spine Radiology	Demo Room, Department of Radiodiagnosis 03.11.2022	NA	9
89	Dr Anuradha Sharma, VMMC & Safdurjung Hospital, New Delhi	Approach to MRI Interpretation	Demo Room, Department of Radiodiagnosis 18.12.22	NA	15
90	Dr Praveen Gulati , Gulati Imaging Institute, New Delhi	Introduction to Computed Tomography	Demo Room, Department of Radiodiagnosis	NA	8
91	Dr Charu Paruthi, VMMC & Safdurjung Hospital, New Delhi	Approach to Abdominal Imaging	Demo Room, Department of Radiodiagnosis 16.10	NA	11
92	Dr Raghav Aggarwal	First trimester ultrasound	Demo Room, Department of Radiodiagnosis 10.12	NA	10
93	Dr MK Mittal, Subharti Medical College, Meerut	Approach to Osseous Lesions	IRIA house	NA	9
94	Dr Pankaj Sharma, AIIMS Rishikesh	Interventional Radiology	Demo Room, Department of Radiodiagnosis	NA	10
95	Dr Swati Naik - BATRA hospital, New Delhi	Film Reading Session	Demo Room, Department of Radiodiagnosis	NA	11
96	Dr Yatish Aggarwal , VMMC & Safdurjung Hospital, New Delhi	Approach to Case Presentation	Demo Room, Department of Radiodiagnosis	NA	10
97	Dr KK Talwar	Review on heart failure	14/09/22 Medicine Seminar Room		
98	Dr Abhay Ahluwalia	Insulin Initiation in OPD	18/01/23 Medicine Seminar Room		
99	Prof Velu Nair	Stem cell transplant: Current Concept	15/02/23 Medicine Seminar Room		
100	Dr Ajay Gupt	Autoimmune Diagnostics	10/03/23 Medicine Seminar Room		
101	Dr Sushil Kr Kabra	Pediatric tuberculosis	28/03/23 Medicine Seminar Room		

14. Visits by distinguished individual/delegates in the Department:

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Venue	Date
1	Dr. Ishwar Singh	MAMC, New Delhi	Departmental BOS	Dept. of ENT-HNS, HIMSR	7/09/2022
2	Dr. Neelima Gupta	UCMS, New Delhi	Departmental BOS	Dept. of ENT-HNS, HIMSR	7/09/2022
3	Dr Jervin Mano		Workshop on structured literature search	Dept of OBG	
4	Dr Anjali Tempe		Aromatase inhibitors initiative	Dept of OBG	
5	Dr Sarita Shamsundar		Seminar- HPV Vaccination	Dept of OBG	
6	Dr A Anbarasu	Aran Diagnostic Imaging Pvt Ltd, Coimbatore	Masters in ClinicalRadiology (MICR STEP-3 Final)	Radiodiagnosis	26.11.2022-27.11.2022
7	Dr Shivram		Masters in ClinicalRadiology (MICR STEP-3 Final)	Radiodiagnosis	26.11.2022-27.11.2022
8	Dr Lalendra Upreti	Rajiv Gandhi Super Speciality Hospital, Dilshad Garden	Masters in ClinicalRadiology (MICR STEP-3 Final)	Radiodiagnosis	26.11.2022-27.11.2022
9	Dr Ankur Shah	Gujrat Imaging Centre, Ahmedabad	Masters in ClinicalRadiology (MICR STEP-3 Final)	Radiodiagnosis	26.11.2022-27.11.2022

15. Sponsored projects:

A. Projects completed during the year (projects awarded to teachers as Principal Investigator should only be included) :

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current Status	
1	Prof (Dr) Md Iqbal Alam (PI)	To study the protective effect of Gokhru in the treatment and prevention of hypoxia induced pulmonary hypertension Approved for 3 years ICMR (Grant number BMS/ Adhoc/81/2022-23) Rs. 32,88,000/- (3 years)	May, 2022		On-going	01 SRF
2	Prof (Dr) Md Iqbal Alam (PI)	To evaluate the efficacy of Metformin on L-NAME induced preeclampsia in animal model ICMR (Grant number BMS/ Adhoc/58/2022-23) Rs. 48,86,640/- (3 years)	May, 2022		On-going	01 JRF 01 Lab Technician
3	Prof (Dr) Md Iqbal Alam (PI)	Effect of combined HIIT and resistance training on HRV and VO2 max in patients with T2DM Rs. 2,00,000/- (5 years)			On-going	

4	Dr.Kharat Mohd Batt	<p>Comparison of blockbuster LMA with Supreme LMA in paediatric patients: A Prospective Randomised Clinical Study</p> <p>Preoperative Ultrasound guided suprainguinal Fascia Iliaca block verses pericapsular nerve block as analgesic technique for positioning elderly patients with hip fractures – A Randomised controlled trial</p> <p>Association of preoperative frailty with postoperative pain and post anaesthesia care unit discharge time in older patients undergoing elective laparoscopic surgeries – A prospective observational study</p>			Ongoing	
5	Dr. Jyotsna Agarwal	<p>Interscalene brachial plexus Vs high thoracic erector spinae block in motor sparing concentration for proximal mid humerus surgeries – A Randomised control trial.</p> <p>Incidence of hypoactive delirium emergence in paediatric population and its correlation with perioperative factors – A prospective observational study</p>			Ongoing	
6	Dr. Pratibha Panjar	<p>Comparison of awake oral tracheal intubation with flexible bronchoscope versus Video-laryngoscope in patients at risk of obstructive sleep apnoea- A Randomised control trial,</p> <p>Preoperative Ultrasound guided suprainguinal Fascia Iliaca block verses pericapsular nerve block as analgesic technique for positioning elderly patients with hip fractures – A Randomised controlled trial</p>			Ongoing	

7	Dr. Samiksha Khanuja	Impact of Enhanced recovery after surgery (ERAS) guided oral carbohydrate preloading in diabetes on gastric volume and associated risk of pulmonary aspiration – A Randomised Control Study			Ongoing	
8	Dr. Sana Alam	Study analyzing the possible role of glycated DNA in the pathophysiology of Pre-diabetes ICMR Rs 20,000/-	9.6.2020	24.3.2022	APPROVED	
9	Dr. Kailash Chandra	Human Pancreatic β Cell Regenerative Therapy: Exploring the Role of Chicoric Acid as a Phytochemical Candidate. Intramural grant Rs 5 Lakhs	May 1, 2023	-	Ongoing	
10	Dr Farzana Islam (Dr. Faheem Ahmed, Dr. Richa Yadav)	Community based serosurveillance and incidence of dengue among residents of south Delhi, India	2020	--	Ongoing	NA
11	Dr Yasir Alvi (Prof Farzana Islam Dr Richa)	Assessment of comparative performance (efficacy and safety) of C-TB with QuantiFERON-TB Gold Plus and 2 T.U. Tuberculin	01.11.22	--	Ongoing	NA
		PPD RT23 SSI in Tube for detection of TB infection in Children and adolescents ICMR 1.5 Lakhs				
12	Dr Yasir Alvi (Prof Farzana Islam, Dr. Ashwini Khanna, Dr. Faheem Ahmed, Dr. Nitesh Kumar)	A quantitative and qualitative assessment of adherence to Isonizid preventive therapy among children living with tuberculosis patients NTEP 4 Lakhs	01.02.23	--	Ongoing	NA
13	Dr. Yasir (Sairu Philip, Tanu Anand, Dr Neeta Singla, Palnivel Chinnakali, Pruthu Thekkur, Farzana Islam, Ashwini Khanna, & BK Vashishat)	Situation analysis of initial phase of programmatic management of Tuberculosis Preventive Treatment among household contacts of pulmonary TB patients in selected districts in Delhi	2023	--	Ongoing	NA
14	Dr Farzana Islam (Dr Aruna, Dr Yasir, Dr. Richa, Dr. Kartikey)	Comparative evaluation of immunogenicity of variable dose schedules of Inactivated Poliovirus Vaccine in routine immunization: A multi- centric open label randomized controlled trial"	2023	--	Ongoing	NA
15	Dr Farzana Islam (Dr Aruna, Dr Yasir, Dr. Richa, Dr. Kartikey)	A Phase IV, observer-blind, randomized, active-controlled, multicentric clinical study to evaluate the immunogenicity and safety of a single dose of SIPL's qHPV vaccine (CERVAVAC) administered intramuscularly in health girls aged 9 to 14 years and in girls/woman aged 15-20 years as compared to Merck's HPV 6/11/16/18 vaccine (Gardasil).	2021	--	Ongoing	NA

16	Dr Farzana Islam, (Dr Yasir Alvi, Dr Archana)	A cross-sectional study to assess perception and proportion of sexual harassment among working women in health sector of India – An exploration of facts	2021	2022	Completed	NA
17	Dr Sunil Kohli	Phase III, observer-blind, randomized, controlled study to evaluate the safety and immunogenicity of a booster dose of COVOVAX In Indian adults who have received primary vaccination against COVID-19	2022	2023		
18	Professor Sujata Jetley (PI) Professor Zeeba Jairajpuri(Co-PI)	Extramural Ad Hoc Multicentric Project titled “ Study Of Saphenous Vein Graft In Diabetics And Non-Diabetics With Coronary Artery Disease & Its Correlation With Damage Associated Molecular Pattern Proteins ” (INR 65 lakhs)	25 Mar 2021	31 March 2023	Completed	JRF - 1
19	Dr Safia Rana, Associate Professor Pathology	A Study of Cytomorphological Spectrum of Hashimoto's Thyroiditis and its Correlation with Thyroid Hormone Profile (STS-ICMR)	May 2022	October 2022	Completed	
20	Dr Afreen Khan	Acute Diarrheal Surveillance and Molecular Testing for Shigella in India	March'2022	-	Ongoing	
		The Wellcome Trust Research Laboratory, Christian Medical College, Vellore, India Rs. 14.5 Lakh (towards manpower, sample collection and shipment)				
21	Prof Devki Nandan	Small Babies Trial in collaboration with CHR D SAS.	August 2022	-	Ongoing	
22	DR. J. N Mohaptra	An open label, randomized, active controlled, multi-centric Phase II/III, study in Indian toddlers and infants to assess the immunogenicity and safety of SIIPL HEXASIIIL™ (DTwP-HepB-IPV-Hib) Vaccine in comparison with SIIPL PENTAVAC (DTwP-HepB-Hib) + Poliovac (IPV) administered as separate injections Serum Institute of India pvt limited (Rs 44,803/-)	18-Feb-2020	-	Completed	
23	Dr. Prem Kapoor (Co-Pi Dr. Nusrat Nabi)	A study to evaluate the pattern of antimicrobial utilization, adverse events, biomarkers and treatment costs in Intensive Care Unit (ICU) patients in a tertiary care hospital	14/12/2021	13/12/2023	Ongoing	JRF
24	Dr. A. Ray	Pharmacological studies to evaluate the effects of Withania somnifera in experimental models of post-traumatic stress disorder (PTSD) and its mechanisms in rats	14/12/2020	13/12/2022	Completed	JRF

16. Consultancy projects taken up by the faculty members: NA**17. Patents granted to/filed by the faculty members/scholars:**

S. No.	Application No.	Title	Name of the Inventors	Date of Submission	Status (Filed or Granted)
1	201911009430.	A Natural Phytochemical Dietary Supplement for Prevention, Treatment, and Management of Diabetes Mellitus.	Kailash Chandra, Vineet Jain, Sayeed Ahmad and S. K. Jain	March 11, 2020	Published in 2022
2	202211050928	A chorioallantoic membrane assay and uses thereof	Swarna Dabral, Nilanjan Saha, Sabina Khan	06 Sep 2022	Filed

18. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)**Books***1. Authored book (not edited)*

Author A, Author B (Year). Title of book, Volume/Edition number (if any) Name of Publishers, City, page numbers (total).

2. Authored book (edited)

Author A, Author B; editor(s) (Year). Title of book. Name of Publishers, City, page numbers (total).

Research publications

Sl. No.	Name of teacher	Publication detail (no.)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof. Shayama K Razdan	5				
2	Dr. Shalini Kumar	2				
3	Dr. Arpita Mahajan	3				
4	Dr. Sabah Yaseen	1				
5	Prof Alpna Saxena	3				
6	Dr Sana Alam	5				
7	Dr Kailash Chandra	8				
8	Dr Bhumika Upadhyay	1				
9	Prof.(Dr.) M.I. Alam	7				
10	Dr. Bhawna Mattoo	1				
11	Prof S Jetley	3				
12	Prof Sabina Khan	11				
13	Dr Zeeba S Jairajpuri	1				
14	Dr Safia Rana	6				

15	Dr Shaan Khetrapal	2			
16	Dr Nehal Ahmad	3			
17	Dr. Durre Aden	14			
18	Dr. Monal Trisal	8			
19	Prof Farzana Islam	15			
20	Dr Sushovan Roy	2			
21	Dr. Aqsa Sheikh	7			
22	Dr Yasir Alvi	8			
23	Dr Richa Gautam	2			
24	Dr. Varun Kumar Kashyap	4			
25	Dr. Farishta D Hannah	2			
26	Dr. Kartikey Yadav	1			
27	Dr. Shyambhavee	3			
28	Prof. (Dr.) Khaja Naseeruddin	3			
29	Dr. Seema Monga	3			
30	Dr. Arun Parkash Sharma	2			
31	Dr. Shahid Rasool	3			
32	Dr. Deepti Agarwal	2			
33	Dr. Shilpam Sharma	2			
34	Dr. Raphella Khan	2			
35	Dr. Nilima Sharma	3			
36	Dr. Akbar Naqvi	2			
37	Dr. Chhavi Jain	2			
38	Dr Nimmi A Jose	3			
39	Dr Rashmi Prakash	2			
40	Dr Mukesh Manjhi	4			
41	Dr Shafia Nisar Kakroo	2			
42	Dr.Deo Rishi Tripathi	3			
43	Dr.Sandeep Kumar	2			
44	Dr. Javed Jameel	5			
45	Dr. Owais Ahmed Qureshi	3			
46	Dr. Siddhartha Sinha	4			
47	Dr. Kafeel Khan	2			
48	Dr. Irfan Andleeb Gul	3			
49	Dr. Aruna Nigam	14			
50	Dr. Nidhi Gupta	3			
51	Dr. Arifa Anwar Elahi	3			
52	Dr.Sumedha Sharma	4			
53	Dr. Zeba Khanan	3			
54	Dr. Arpita De	5			
55	Dr. Kharat Mohd Batt	8			
56	Dr. Jyotsna Agarwal	2			
57	Dr. Pratibha Panjar	5			
58	Dr. Samiksha Khanuja	4			
59	Dr. Abraq Asma Riyaz	1			
60	Dr. Tahir Ahmad Masoodi	1			
61	Prof Sunil Kohli	12			
62	Prof Prem Kapur	4			
63	Prof Vindu Amitabh	6			
64	Prof Devki Nandan	1			
65	Dr. Lucky Manik	1	1		
66	Dr.Afreen Khan,	2			
67	Dr. Sana Salim Khan	1			
68	Dr. Rasmi Hooda,	-	1		
69	Prof. Mridu Dudeja	8			
70	Dr. Ayan Kumar Das	11			
71	Prof Charoo Hans	2			
72	Dr. Neetu Shree	2			1
73	Dr. Stuti Kaushik	2			
74	Dr Taskin Khan	1			
75	Dr. Musharraf Husain	3			
76	Dr. Ajay K. Thakral	4			
77	Dr. Mohd. Saquib	4			

78	Dr. Manzoor Ahmed	1				
79	Dr. Sachin Katyal	3				
80	Dr. M. Shazib Faridi	1				
81	Dr. Atul Agarwal	1				
82	Dr. Tajamul Rashid	5				
83	Dr. Divya prasad	1				
84	Razi Ahmad	4				1
85	Sana Rehman	3				
86	Dr. Nusrat Nabi	4				
87	Dr Abhinav Jain	2				

19. Awards and Honours (Awards, fellowships of professional societies/associations)

Prof. M.I. Alam

Elected Vice President, South Asian Association of Physiology Elected Executive committee member, Physiological Society of India Elected Joint Secretary, Society for Nitric oxide and Allied radicals

Dr. Farzana Islam

1. Received Certificate of Recognition from Delhi Govt. for contribution in the successful implementation of Measles Rubella Vaccination Campaign in the State of Delhi (GNCTD) 2023.
2. Awarded certificate of recognition for successful completion of the 23rd Advanced Course of Vaccinology (ADVAC), May 8th to 19th 2023.

Dr. Sushovan Roy

Received Eminent Medical & Health Educator Teacher Award for immense contribution to medical and health education on 4th September 2022

Dr. Aqsa Shaikh

Received Eminent Medical & Health Educator Teacher Award for immense contribution to medical and health education on 4th September 2022

Dr. Shahid Rasool -

Head & Neck Surgical Oncology Fellowship (Observership) At Tata Memorial Hospital , Parel Mumbai For A Period Of 4 Weeks. June 2022.

Dr Aruna Nigam

- FICMCH awarded in NARCHI Annual Conference , Delhi
- LHMC oration Award “ Maternal hyperglycemia as a cardiovascular risk in Offspring” in Annual Conference of ISARCON 2022 at AIIMS Guwahati on 11 th Nov’22
- FIMSA in Feb 2022

Dr Sumedha Sharma

FICMCH awarded in NARCHI Annual Conference , Delhi

Dr Nidhi Gupta

- FICMCH awarded in NARCHI Annual Conference , Delhi
- FICOG awarded to in 65th All India Congress Obstetrics & Gynaecology (AICOG), Kolkata on Jan 2023
- Women Researcher Award
- “Research Excellence Award” awarded in Dec 2022 for a study entitled ” Adolescent sexual behavior and its determinants: A hospital-based study”.

Dr Arpita De

FICOG awarded to in 65th All India Congress Obstetrics & Gynaecology (AICOG), Kolkata on Jan 2023.

Dr Zeba Khanam

FOGSI Best paper published in journal award (junior category) for the year 2021 awarded to at the AICOG 2023, Kolkata.

Dr Supriya Chaubey

3rd prize awarded to in the video category on "Internal iliac artery ligation by novice" in Gynae SURGICON 2022 A-V held at HIMSR on 3rd Dec 2022.

Dr Abhinav Jain

1. Eminent Medical & Health Education Teacher Award by Delhi Medical Association: 2022
2. Swastha Ratna Award by Delhi Medical Association for contribution to Radiology education and Healthcare:

Dr Kriti Malhotra:

Resident appreciation award from IRIA at National conference 2023

B. Invited as keynote or plenary speaker.**Prof. M.I. Alam**

Snake venom inhibitors from Indian herbs delivered an invited plenary talk in Ayush CME Training program on "Current Trend in R&D Modern Scientific Advances & Technology for Scientific Understanding" organized by CSIR-IIIM, Jammu 10-15th October, 2022.

Dr. Aqsa Shaikh :

- Invited as Speaker or Panelist during the period of April 22 to Mar 23
- Moderated a Panel on Transgender Doctors at National Transgender Conference at Delhi, May 5-6 2022
- Talk with Pinkishe Foundation on Menstruation on 10th May 2022
- Facilitated a session on Education for Transgender Students for National Institute for Social Defense, 13 May 2022
- Panelist on Trans Inclusion at Workplace at Global Summit on Diversity, Inclusion and Equity on 16th May 2022 at Delhi
- Panelist on Epidemic Ethics on 16 May 2022 for The Global Health Network
- Attended I-SWEAR Workshop at Centre for Ethics, Yenepoya medical College from 24-27 May 2022
- Attended Indian Good Clinical Practices Certification at Centre for ethics, Yenepoya Medical College on 26-27 May 2022
- Panelist at AXON 2022
- Attended Asia Pacific Transgender Network South Asia Convening at Kathmandu, Nepal from 16-20 January 2023
- Panelist at Tata Institute of Social Sciences' Clairvoyance 2023 on 28th January 2023 on Right to Health – Challenges of an unequal world.
- Panelist at Dissemination event for Vaccine Equity project of iHEAR at Sangath India at University of Chicago Centre, Delhi on 14th February 2023
- Speaker at session on Covid-19 appropriate behaviour and protocol at Transgender TB survivors training by REACH at Delhi on 1st March 2023
- Moderated a panel Discussion on pathways of public health career at Delhi Public Health Conclave on 4th March 2023
- Panelist on Partnerships and Collaboration among NGOs at North India NGO Conference at Lucknow on 5th March 2023
- Delivered a lecture on Medical Ethics at School of Unani Medical Education and Research, Jamia Hamdard on 16th March as part of Transitional Programme for BUMS students.
- Delivered a Tedx Talk on "The Whitecoat has a Rainbow" at NIIT University, Neemrana.

- Facilitated sessions on Medical Ethics at Workshop on Introduction to Medical Ethics for PG Students at HIMSR on 22nd March 2023
- Speaker on Enhanced Communication in Healthcare at Nursing Conference by Nursing Academic Division, HAHC Hospital on 22nd June 2023.
- Expert Resource Person at Workshop on Beyond Binaries, understanding sexual identities and queer rights issues in India organized by Gender Impact Studies centre, Impact and Policy Research Institute on 22nd June 2023.
- Panelist, AMDCON 2023 at India Islamic Cultural Centre, Delhi on 23rd July 2023 on the topic of Paediatric Ethics
- Speaker on Sexual Diversities and Health as part of Gender Course by medical Humanities Division, Seth GS Medical College on 29th July 2023

Dr. Mary Abraham

- Delivered the A.D Sehgal oration at 25th Annual Conference of Delhi Neurological Association on 11th February 2023,

Dr. Jyotsna Agarwal

- Speaker in RSCAPCON 2023, 21-23 April, 2nd international and 31st National Conference Kolkatta
- Speaker for 'Pharmacogenomics in Anaesthesia' Speaker in Genomic Medicine in Clinical Practice Symposium, Delhi 25-26 Nov 2022

Dr. Pratibha Panjiar-

- Speaker at "Post Graduate Interactive Forum 2023" Safdarjung Hospital, Delhi
- Speaker on "Chest X Ray" at AIIMS Post Graduate Assembly 2023
- Panelist at annual conference UPISACON 2022, "The bleeding parturient"
- Speaker at workshop "Basic life support" in HIMSR annual fest Anastomosis, 2022
- Speaker at workshop "Basic life support" in Annual Congress of the American college of Surgeons, India chapter, August 2022

Dr. Samiksha Khanuja -

- Speaker in ISACON national conference Shillong November 2022
- Speaker in ISACON Delhi chapter October 2022

Dr. Mahima Gupta

- Speaker in APFA 2023 AIIMS Post-graduate Assembly 5-8 January 2023, New Delhi
- Speaker in Alumni meet & Muller Mace, Father Muller Medical College 18-19 February 2023, Mangaluru, Karnataka

Prof. (Dr.) Abhinav Jain:

- Cardiac and coronary anatomy on CT and MRI on 5th February ,2023 at IRIA 2023 (2nd to 5th February,2023) at Amritsar
- PNDT Act-Reality at Health Update 2023 by Delhi Medical Association on 26th February,2023 at Hotel Lalit, New Delhi
- CME on Radiological aspects in Ophthalmology at HIMSR
- CME on Interpretation of Radiological Images for BMT & MTP students on 11th and 12th April,2023 at Jamia Hamdard

Dr. Kriti Malhotra:

- Urinary Bladder cancer- Imaging and Pitfalls on 5th February ,2023 at IRIA 2023 (2nd to 5th February,2023) at Amritsar

Schools of Studies, Departments, Centres and academic units of Jamia Hamdard (2022-23)

Schools	Departments
School of Pharmaceutical Education and Research (SPER)	<ol style="list-style-type: none"> 1. Deptt. of Pharmaceutics 2. Deptt. of Pharmaceutical Chemistry 3. Deptt. of Pharmacognosy & Phytochemistry 4. Deptt. of Pharmacology
School of Engineering Sciences and Technology (SEST)	<ol style="list-style-type: none"> 1. Deptt. of Computer Science & Engineering
School of Interdisciplinary Sciences and Technology (SIST)	<ol style="list-style-type: none"> 2. Deptt. of Food Technology 3. Deptt. of Molecular Medicine
School of Nursing and Allied Health Sciences (SNAHS)	<ol style="list-style-type: none"> 1. Deptt. of Paramedical Sciences 2. Deptt. of Physiotherapy 3. Deptt. of Occupational Therapy 4. Rifaida College of Nursing
School of Unani Medical Education and Research (SUMER)	<ol style="list-style-type: none"> 1. Department of Kulliyat (Fundamentals of Unani Medicine) 2. Department of Tashreeh (Anatomy) 3. Department of Munafeul Aza (Physiology) 4. Department of Ilmul Advia (Pharmacology) 5. Department of Ilmul Saidla (Unani Pharmacy) 6. Department of Mahiyatul Amraz (Pathology) 7. Department of Tahaffuzi wa Samaji Tib (Preventive and Social Medicine) 8. Department of Ilaj bil Tadbeer (Regimenal Therapy) 9. Department of Ilmul Atfal (Paediatrics) 10. Department of Moalajat (Medicine) 11. Department of Jarahiyat (Surgery) 12. Department of Amraz-e-Ain Uzn, Anaf Wa Halaq (Eye and ENT) 13. Department of Amraz-e-Niswan wa Qabalat (Gynaecology and Obstetrics) 14. Department of Amraz-e-Jild wa Tazeeniyat (Dermatology and Cosmetology)
School of Humanities and Social Sciences (SHSS)	<ol style="list-style-type: none"> 1. Department of Islamic Studies 2. Department of Human Rights 3. Centre for Federal Studies, Public Policy and Governance 4. Hamdard Institute of International Studies
School of Management and Business Studies (SMBS)	<ol style="list-style-type: none"> 1. Deptt. of Management 2. Deptt. of Healthcare and Pharmaceutical Management 3. Deptt. of Hotel Management and Catering Technology
School of Chemical and Life Sciences (SCLS)	<ol style="list-style-type: none"> 1. Deptt. of Biochemistry 2. Deptt. of Biotechnology 3. Deptt. of Botany 4. Deptt. of Chemistry 5. Deptt. of Medical Elementology & Toxicology 6. Centre for Translational and Clinical Research
School of Law (SOL)	<ul style="list-style-type: none"> • Hamdard Institute of Legal Studies and Research • Hamdard Institute of Medical Sciences and Research (HIMSR)
Independent Academic Units	Centre for Distance and Online Education (CDOE)
	Centre for Training and Empowerment (CTE)
	Jamia Hamdard Residential Coaching Academy
Off campus	Kannur, Kerala

JAMIA HAMDARD KANNUR CAMPUS

Jamia Hamdard Kannur Campus started functioning on 4th November, 2013. The Academic Year 2022-2023 commenced on 20th June 2022 by reopening classes for ongoing semesters. Admission for new batch of 2022 was completed and classes started on August 2022. The total intake for the first batch 2022 was 369 and total strength of students is 1100. There are 06 existing UG courses and 01 PG course.

JHK Fraternity

On rolls, we have 14 contractual teachers, 20 guest teachers, 7 non-teaching staff members and 3 janitors on board now.

Academics

Seventh batch of UG students and the third batch of PG students passed out in the year 2022 with the following students being toppers for various programmes:

B.A. English	Aysha Umara Haris
B.B.A	Aysha Rizwana CH
B.Sc. Psychology	Hamna N
B.C.A	Aysha VM
B.Com with Comp. Applications	Nasaf PM
B.Com with Finance	Fathima Nihala Nazeer
M.Com with Finance	Akshatha G

Students have enrolled for higher studies including UK, Canada, and Germany etc. Even in India, Jamia Hamdard Off Campus Alumni is spread across New Delhi, Bangalore, Cochin, Chennai, Pune and so on.

Likewise, the students have been able to secure jobs not only in India but also abroad particularly in Gulf countries. Arts and cultural activities were infused in the Off Campus for the students apart from the excellent academic culture. The students were facilitated to visit Industries for getting exposures in the business houses and industries.

In remembrance of JHK Colleague Aysha Mili, Off Campus has instituted an Award, namely, "Aysha Mili Memorial Excellency Award '22". The Awards are sponsored by Hamdi Fellowship, an alumni group formed by the first batch students.

List of programmes conducted during the academic year 2022-23.

BA English

1. Literature Fest "Avada Kedavra 2022" by the final year BA English students on October 28, 2022.
2. Workshop on "Contextualising Gender in Modern India" on March 10, 2023 by Dr. Shivshankar Rajmohan.

BBA

1. Seminar on "Leadership " by Mrs.Sruthi Kishor, Founder of Sruthi Kishors Dance Therapy.
2. intra management fest "Espirit De Corps".
3. Alumini Talk with Ms. Fairoos Jaan on the topic "Career in Central Universities".
4. Alumini Talk with Shanavas on the topic "Scope of CMA".

BCA

1. A Talk in the topic "Skill Development Training Programme" by 'Shiyas N.Muhammed' (Head of Eduraps)
2. Seminar on "An Introduction to Project Management" by Roshin.P(Project Co-ordinator of Riss Technologies) and Mr.Likhil.T(Project Manager of Riss Technologies) .
3. Workshop on "Empowerment" by the representatives of the Research and Innovation Unit of TECHTERN Pvt Ltd.

4. Seminar on "Trending Technologies in IT" by Jet King Kochi.
5. "Cyber Security Awareness Campaign" by Cyber Dome (Kozhikode)
6. "Talk with our Alumni" by Shameel Abdulla (Software Engineer Open Source Developer) and Naseem Jamaludheen (SAS Developer, Berclays, UK)

B.Sc. Psychology

1. Organized World Mental Health day on 10th October 2022.
2. Organized a session on "Make Mental Health and Well-being for all a Global Priority" by Jaisal Jamal, Clinical Psychologist, Decsa Clinic.
3. Various outreach programs were conducted to enhance leadership skills and to build empathic skills in students.

PG Department of Commerce

1. Conducted Quiz Contest in connection with GST DAY.
2. Organised "VIVENCIA 22", a Commerce Fest during October 20th 2022 to October 26th 2022.
3. Organised an orientation to CMA and other Professional Courses by CHANAKYA.

The Kannur Campus is a vibrant campus and it has created various Clubs, namely, Film and Media Club, Arts Club, NSS, Nature Club, Entrepreneurship Development Club, and for difference activities

They have organized various activities in the campus during this year.

CENTRE FOR MEDIA AND MASS COMMUNICATION STUDIES

Director I/c : Prof. Reshma Nasreen

Jamia Hamdard launched the School of Media Education and Mass Communication which was later renamed as Centre for Media and Mass Communication Studies, to provide academic and professional excellence in this field. The Centre started with a three-year degree in Bachelor of Arts in Journalism and Mass Communication with a capacity of 50 students in the year 2020. The innovative course curriculum has been designed to equip the students to meet the challenges of dynamically evolving and highly competitive discipline. The Centre aims to provide the students with world-class teaching and training to churn out skilled manpower and informed scholars to serve National and International Communities and Media Industries.

A significant number of students have joined top media organizations such as TV9 Bharatvarsh, The Millenium Post, Newslandry, and The Quint. Additionally, many have pursued higher studies at esteemed universities, both nationally and abroad. Students from the CMMS have secured on- the-job training experiences at renowned organizations such as Indian Express, The Patriot, The Times of India, ABP News, NDTV, Newslandry, The Quint, and Gao Connection, Doordarshan, All India Radio etc.

1. Faculty members on rolls: (1st April 2022 to 31st March 2023)

- 1) Prof. Reshma Nasreen, Director I/c, CMMCS & Dean, SMBS, DSW
- 2) Prof. Farhat Basir Khan
- 3) Dr. Md. Zishan, Assistant Professor CMMCS
- 4) Dr Abdul Quadir Siddiquee, Assistant Professor, CMMCS

2. Adjunct/Visiting Professor/Professor of Practice:

Sl. No.	Name	Specialization
	Adjunct Faculty	
1.	Ms. Neeti Dauneria	Audio-video editing
2.	Dr. Behjat Moini	Media Management
3.	Mobin Ahmad Khan	Radio for communication
4.	Mr. Md. Danish Rahman	Content Management Sysytem
5.	Mr. Zaigham Murtaza	Anchoring, Reporting and Editing
6.	Dr. Vivek Kumar	Performing Arts- Theatre
7.	Mr. Imtiaz Alam	Integrated Marketing Communication- Public Relations
8.	Ms Sarah Khan	Online Media
9.	Mr. Madhuraj Kumar	Soft Skills Development

3. Programmes/Courses offered by the Department during 2022-2023

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	No. of students enrolled
1.	B.A. in Journalism and Mass Communication	Undergraduate	50	49

4. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department (2022-2023)

Sl. No.	Topic/Theme of workshop	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1	Arts and Crafts of Theatre	22 nd to 26 th August 2022	Jamia Hamdard	90

5. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Sl. No.	Name of the Faculty Member	Details of programme	Period (From/To)	Institution where attended
1.	Dr. Md. Zishan	Participated in the Faculty Development Programme on Digital Audio Broadcasting: Recent Trends and Technologies	24 th to 25 th February 2023	School of Media and Communication Design, IMS Unison University, Dehradun, Uttarakhand

6. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	The topic of the Lecture/ Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	The approximate number of participants who attended
1.	Prof. (Dr) Sanjay Dwivedi , Director General, IIMC, New Delhi	Media Matters- An inspiring lecture series	11 th January 2023, HAH Auditorium, JH	Jamia Hamdard	150
2.	Dr. Anurag Batra , Chairman and Editor in Chief, Business world & founder of Exchange of Media	Media Matters- An inspiring lecture series	09 th February 2023, HAH Auditorium, JH	Jamia Hamdard	150

7. Visits by Distinguished persons/Foreign faculty or delegates to the University /Schools /Deptt./ Centre (2022-2023)

Sl. No.	Visitor/Delegate	Organization affiliation	Purpose of visit	Name of the School/ Deptt./ Centre	Date
1	Prof. (Dr) Sanjay Dwivedi	Indian Institute of Mass Communication, New Delhi	To deliver an inaugural lecture on 'Media Matters' as keynote speaker	CMMS	27 th January 2023
2	Dr. Anurag Batra	Chairman and Editor in chief, BW Businessworld & founder of Exchange of Media	To deliver a lecture on 'Media Matters' as keynote speaker	CMMS	09 th February 2023
3.	Dr. M. Sayeed Alam	Noted Theatre Artist, New Delhi	As Chief guest for five days workshop on 'Arts and Crafts of Theatre'	CMMS	22 nd to 26 th August 2022
4	Dr. Hiranya Himkar	Founder of 'Aahang' a theatre group	As an instructor for five days workshop on 'Arts and Crafts of Theatre'	CMMS	22 nd to 26 th August 2022
5.	Mr. Rohit Kumar	Noted Theatre Artistis, NSD Alumnus	As an instructor for five days workshop on 'Arts and Crafts of Theatre'	CMMS	22 nd to 26 th August 2022

8. Details of Research publications (with name of the titles, single or joint, journal name, volume number, publication date/month/year, ISBN No., SCI/ESCI/Scopus/ABDC/UGC-CARE listed/Peer Reviewed

Sl. No.	Name of the Faculty Member with Designation	Research Publications
1.	Prof. Farhat Basir Khan	<ol style="list-style-type: none"> 1. Khan, F. B. (2022). Can the Arts and Crafts Sector in India be Sustainable: A Grounded Theory Approach to Mapping Challenges and Proposing Solutions. International Journal of Global Business and Competitiveness, 17(1), 46-55. ISSN(Online) 2394-1537 ISSN(Print) 2394-1529, Scopus (Springer Nature) 2. Khan, F. B. (2022). Can Images with Isolated Looped Motion or "Cinemagraphs" Improve Science Communication Design? Journal of Scientific Temper, 9(3&4), 207-224. ISSN: 2278-2788 (Prin) ISSN: 2278-2796 (Online). UGC-CARE listed 3. Khan, F. B. (2022). Visual Matters: Unpacking Political Communication and Politics of the Camera. In Seeing South Asia (1st ed., pp. 269-284). Routledge India. SBN-10 1032233192. Scopus

		<p>4. Khan, F. B. (2022). The Two Outbreaks: The Pandemic and the social media. <i>International Journal of Science Technology & Management</i>, 11. ISSN(Online) 2394-1537 ISSN(Print) 2394-1529. Peer Reviewed</p> <p>5. Khan, F. B., Siddiquee, A. Q., Zishan, M., & Majeed, T. (2022). The Craft #Regram- Selling Indigenous Products Using Instagram: The Upsell and Downside. <i>Communicator</i>, 25-31. UGC-CARE listed</p>
2.	Dr. Md. Zishan Assistant Professor	<p>1. Zishan, D. M., & Rahman, M. D. (2023). Looking Ahead in the Media Industry through the Lens of AI. <i>Mass Media- A Communication Journal</i>, 2-7.</p> <p>2. Khan, F. B., Siddiquee, A. Q., Zishan, M., & Majeed, T. (2022). The Craft #Regram- Selling Indigenous Products Using Instagram: The Upsell and Downside. <i>Communicator</i>, 25-31.</p> <p>3. Zishan, M., & Rahman, M. D. (November 2022). Role of Urdu Journalism in the Indian freedom struggle. <i>Urdu Media: Past, Present and Future (Bicentenary Celebrations of Urdu Journalism: 1822-2022)</i> (pp. 58- 61). Hyderabad: Department of Mass Communication, Maulana Azad National Urdu University.</p> <p>4. मोहम्मद जीशान. (July-September, 2022). भारतीय स्वतंत्रता संग्राम में उद्द पत्रकाररता का अवदान . <i>The Asian Thinker</i>, 94- 95.</p>
3.	Dr Abdul Quadir Siddiquee Assistant Professor, CMMS	<p>1. Cinema aur Muslim Khwateen, Barre Sagjir Hind Me Muslim Khawateen Ki haisiyat, ISBN 978-93-95203-62- 3, MANUU, January 2023</p> <p>2. Voice of composite Nationalism in Colonial India: A case Study of Mohammad Alis's Hamdard, Proceedings of Three Days International Conference, ISBN 978-93-85-132-98-8, MANUU, 2022</p> <p>3. The Craft Regram-Selling Indigenous Products Using Instagram, <i>Communicator</i>, ISSN 0588-8093, IMMC Delhi, July-Sept 2022</p> <p>4. Maulana Azad Ka Siyasi Nazariya: Surab Ya Haqeeqat, Maulanan Azad Shaksiyat o Fan, ISBN 978-9393-245-07-6, Maulan Azad College, Kolkta, 2022</p>

9. Achievements/Recognitions/Awards received/awarded to faculty members Prof.

Farhat Basir Khan:

1. Jury Member for News Broadcasting Awards (ENBA), Jury chair, Sh. Harivansh Narayan Singh - Deputy Chairman, Rajya Sabha.
2. Advised, the University of Nottingham (UK) for the proposed Master of Digital Screen Production programme at the School of International Communications, Faculty of Humanities and Social Sciences at China campus.

10. Nomination in statutory bodies in Central/State/Deemed be Universities (e.g., members of Executive Council, Academic Council etc.)

Prof. Farhat Basir Khan:

1. Member BOS, Department of Mass Communication and Journalism, Aligarh Muslim University
2. Member BOS, Department of Art Education, Jamia Millia Islamia
3. Member Faculty Committee, Jamia Millia Islamia
4. Member, Board of Studies, Khwaja Moinuddin Chishti Language University, Uttar Pradesh
5. Faculty Board Member, Sharda University.

11. Awards and Honours (Awards, fellowships of professional societies/associations) Prof. Farhat Basir Khan:

1. Award of the membership of skill Gaming Council of India 2022-23
2. Awarded, Associate Membership India International Photographic Council (allowed prefix to the name "AiIPC")

12. Invited as keynote or plenary speaker.

1. Prof. Farhat Basir Khan: Chief Guest and keynote address in "*National Conference (Online) on Recent Trends in Engineering, Technology and Management (NCRTEM- 2K22)*" organized by SND College of Engineering & Research Centre, Yeola in collaboration with the International Association of Research and Development Organisation (IARDO) & Conference World. (May 26-27, 2022)
2. Prof. Farhat Basir Khan: Delivered keynote address & Session Chair on "*Participatory Approach in Development Communication*" during the Global Communication Education Conclave-2022 organized by the Global Media Education Council. (April 27, 2022)
3. Prof. Farhat Basir Khan: Delivered an Introductory address on the occasion of the inaugural lecture on Media Matters- An Inspiring lecture series, organized by the CMMS, dated- Friday, 27th January 2023.
4. Prof. Farhat Basir Khan: Delivered Introductory address on Media Matters- An Inspiring lecture series, organized by the CMMS, dated- 09th February 2023.
5. Prof. Farhat Basir Khan: Delivered an Introductory speech on a workshop on Creative Processes for commercial, Fashion & Social Media Photography namely Behind the Lens, organized by the Centre for Training and Development, Jamia Hamdard dated- 23rd March 2023.

13. Student Placements (list of companies/organizations visited for campus placement during 1st April, 2022 to 31st March, 2023)

Sl. No.	Name of the Company/Organization/ Institution visited the Centre	No. of students placed	Average Salary Package (CTC per annum in lakhs)
1.	Recruit CRM (Workforce Cloud Tech Pvt Ltd.)	01	Rs. 5.0 Lakh
2.	TV9 Bharatvarsh	01	Rs. 4.20 Lakh
3.	Millenium Post (Front Row Media Private Limited), New Delhi	01	Rs. 3.60 Lakh
4.	Zimisha Communications, New Delhi:	01	Rs. 3.00 Lakh
5.	Tech Jockey Infotech Private Ltd, New Delhi	01	Rs. 3.00 Lakh

CENTRE FOR DISTANCE AND ONLINE EDUCATION (CDOE)

Director : Prof. S. H. Ansari

The Centre for Distance and Online Education, Jamia Hamdard offers education through Open Distance Learning (ODL) mode in few selected programmes where University has tremendous strength. The courses are designed and developed with views to prepare a cadre of manpower with requisite knowledge and professional skills so that they can effectively function in the globalised economy, which is no doubt highly knowledge intensive. In its endeavors to cater for education and training needs of different socio-economic groups, the programmes have been carefully identified to fill the contemporary gaps in available courses offered by other institutions and the market demand, and/or to provide cost - effective options to the weaker sections of the society, who are unable to reap the benefit of development due to lack of adequate education, training and skills.

The CDOE has been providing high quality academic support to its learners through high quality self - instructional study material, online theoretical counselling sessions, online submission of assignments and project reports. Examinations have also been conducted as per the guidelines issued by the University Grants Commission. The CDOE has been offering the following career oriented Programmes through ODL and Online Mode:

1. Faculty Members of the Centre:

- 1) Prof. S.H. Ansari, M.Pharma, Ph.D, Director (Offg),**
- 2) Prof. Mumtaz Alam, M Pharma, Ph.D , Deputy Director, CDOE**
- 3) Dr. Babita Singh, M.A., Ph.D.**

2. **Programmes/Courses offered by the Department during 2022-2023 and the students enrolled for the programmes:**

Programmes offered under ODL Mode

Bachelor Business Administration (BBA)
 Bachelor of Computer Applications (BCA)
 Bachelor of Commerce-Honours
 Advance Diploma in Bioinformatics
 Advance Diploma in Chemo-informatics
 Advance Diploma in Dietetics & Therapeutics Nutrition (ADDTN)
 Advance Diploma in Drug Regulatory Affairs (ADPRA)
 Advance Diploma in Environmental Monitoring and Impact Assessment (ADEMIA)
 Advance Diploma in Intellectual Property Right (ADIPR)
 Advance Diploma in Human Rights (ADHR)
 Advance Diploma in Medical Record Techniques (ADMRT)
 Diploma in Persian Language (DLP)
 Diploma in Professional Arabic (DPA)
 Diploma in Bakery and Confectionery Technology
 Certificate in Modern Persian Language (CMPL)

Programmes offered under Online Mode

Bachelor of Business Administration (BBA)
 Bachelor of Computer Application (BCA)
 Bachelor of Commerce (Hons.) B.Com. (H)
 Master in Human Rights
 Master in Islamic Studies

(a) Undergraduate Programme:

<i>Name of course</i>	<i>No. of students enrolled</i>
ODL mode	
Bachelor of Computer Application (BCA)	45
Bachelor of Business Administration (BBA)	27
Online Mode	
Bachelor of Computer Application (BCA)	236
Bachelor of Business Administration (BBA)	93
Bachelor of Commerce (B.Com (Hons))	11
M.A in Islamic Studies	86
Total	498

(b) PG Diploma/Diploma/Certificate level

<i>Name of course</i>	<i>No. of students enrolled</i>
ODL Mode	
Advance Diploma in Dietetics and Therapeutics Nutrition (ADDTN)	147
Advance Diploma in Drug Regulatory Affairs (ADPRA)	334
Advance Diploma in Medical Record Technique (ADMRT)	90
Diploma in Professional Arabic (DPA)	37
Total	608

3. Faculty Development Programmes/Workshops/Induction programmes/ Orientation Programmes/MOOCs etc. attended by the Faculty Members.

Dr. Babita Singh has attended Refresher Course (RC) from 29.12.2022 to 11.1.2023 at HRDC, JMI, New Delhi

4. Details of Research Publications:

<i>Name of the Faculty Member with Designation</i>	<i>Research Publications</i>
Dr Babita Singh, Assistant Professor	Fintech Growth in India:A study to Annalyse its Impact On Social and Financial Inclusion, South India Journal of Social Science, ISSN:0972- 8945 Vol. XX,No 2,2023. UGC CARE listed A, Group I.

5. Students achievements

Md Raza Qasim Kohli, MA Islamic studies (III Semester) has qualified in UGC NET.

Centre for Environment and Sustainable Development (CESD)

Director : Prof. M.Z. Abdin

1. Brief Introduction:

The Centre for Environment and Sustainable Development (CESD), formerly known as the Environmental Quality Cell (EQC), was founded in the year 2016 and Professor M.Z. Abdin was appointed as Chairman of the Cell. It was later upgraded to CESD in the year 2022 after due approval of Academic Council meeting held on 15th Dec, 2021 (AS/ATR-SC-158&AC (42)/JH- 5/2021).

Events Organized by CESD

After the establishment of CESD in 2021, the numerous events encompassing awareness campaigns, workshops and plantation drives on World Environment Day, National Energy Conservation Day, World Water Day, International Ozone Day, World Earth Day, World Food Day, World Wildlife Day, World Nature Conservation Day and World Earth Hour were organized every year on dates as mentioned below and are still organized continually to spread awareness and sensitize the residents living in the campus, Students, Teachers and University Administration about the Environmental issues and their impact at National and Global level:

These events ensure participation by Students and Teachers of Jamia Hamdard each year in as large numbers as possible to have an impactful result. Additionally, several eminent Scientists, Academicians and Environmentalists are invited in these programs to deliver lectures, share their insights and fresh perspectives on sustainable approaches and practices.

Further events such as essay writing competitions, nukkad nataks are organized to creatively evoke a sense of responsibility towards nature and come up with novel ideas of environmental protection.

Further, visit of Students and Teachers to Yamuna Biodiversity Park, Wajirabad, Delhi as well as Jahanpannah City Forest, Tughlakabad, New Delhi are also organized to observe flora and fauna at these sites so that they could experience and appreciate the serenity of the nature. Moreover, a workshop was also arranged to provide on-site training to 22 students of second and third year of Diploma in General Nursing and Midwifery (DGNM), children and residents of the campus to identify birds based on their characteristic features, habitat requirements and behaviour as a part of celebration of World Wildlife Day on 2nd of December, 2021 at Jamia Hamdard Campus. The resource person in this workshop was Mr. Yasir Arafat, a Scientist working at Kalindi Biodiversity Park (CEMBE), University of Delhi.

2. Future Plans of CESD

- a) Introduction of M. Sc. and Ph.D. Programs in Environmental Science and Sustainability.
- b) Outreach and Extension activities on Environmental Issues to sensitize people living in the villages in NCR Region and also in Schools and Colleges.
- c) Introduction of Certificate and Diploma Courses in Environmental Science and Sustainability.
- d) Research Projects on Climate Change and Sustainability.

JAMIA HAMDARD RESIDENTIAL COACHING ACADEMY**Director: Prof. Sanjay Dubey****Brief Introduction of School**

Jamia Hamdard Residential Coaching Academy (JHRCA) was established in 2009 under the aegis of Ministry of Human Resources Development Government of India. It is funded by University Grants Commission. The main thrust of the coaching programme is to prepare candidates from Minority community along with Scheduled Castes/Scheduled Tribes and Women candidates for government services so that their representation increases in government jobs. Academic support and guidance along with periodic development are emphasized at the Academy for holistic development of candidates to face the stiff competition for entry into services.

1. Faculty members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full) with Designation	Qualification (only PG, Ph.D. & above)	Any other additional academic and administrative responsibilities discharged during the period.
1.	Prof.(Dr.) Sanjay Dubey Professor cum Director	Ph.D	
2.	Dr.S.S.Ashraf Assistant Professor	Ph.D	Dept. of Computer Science ,SEST

2. Number of candidates admitted for the coaching

Sl. No.	Name of course	Level (PG Diploma /Diploma/ Certificate)	Approved intake	No. of students enrolled
1	RCA (Coaching and Guidance for UPSC aspirants)		100	100
2	Central Waqf Council (CWC)		50	50

3. STUDENTS ACHIEVEMENTS**(PERIOD FROM 1ST APRIL, 2022 TO 31ST MARCH, 2023)**

S.NO	NAME OF THE CANDIDATE	SERVICE
1.	Divyanshi Singhla	UPSC Civil Services - 95 th Rank
2.	Rashida Khatoon	UPSC Civil Services - 354 th Rank
3.	Manjeet Singh	UPSC Civil Services - 116 th Rank
4.	Pallavi Vijayvanshi	UPSC Civil Services – 730 th Rank
5.	Taskeen Khan	UPSC Civil Services - 736 th Rank
6.	Burhan Zaman	UPSC Civil Services – 768 th Rank
7.	Jamalluddin	UPPCS- Block Development Officer
8.	Sana Faiyaz	UPSC
9.	Kamran Namani	EPFO and UPPCS- Block Development Officer
10.	Shameem Ahmad	UPPCS- Nayab Tahsildar
11.	Akshay Kumar	UPPCS-DSP
12.	Sarwar Hussain	UPPCS- Asstt. Professor
13.	Anwer Hussain	UPPCS-Municipal Commissioner
14.	Arshi Khan	UPPCS- Assistant Professor
15.	Suheil Yasir	APSC-SDM

RESEARCH & DEVELOPMENT CELL

Jamia Hamdard, New Delhi

Director R&D Cell : Prof. S. Raisuddin

The Research & Development (R&D) Cell of Jamia Hamdard is fully functional. It was established as per the directives of the UGC issued in March 2022 regarding creation of the Research & Development Cell (R & D Cell) for cultivating a research culture on the campuses of Higher Education Institutions.

Jamia Hamdard notified establishment of Research & Development Cell vide No. AS/JH/UGC- 05/2022 dated 14th June 2022. The Research & Development Cell is guided by the Research Advisory Committee/Council. The R & D Cell is headed by the Director and adequate infrastructure has been provided to the Cell.

LAUNCHING OF RESEARCH MANAGEMENT SYSTEM (RMS)

Jamia Hamdard has developed an online research information management system – Research Management System (RMS) (<https://rms.jamiahamdard.edu/>) through that information related to research projects, publications, conferences, patents, fellowships and training can be submitted and archived. The RMS was launched on the Founder's Day (14th September) in 2022. Faculty members and scholars can also submit their proposals for various research activities through this portal. Using the RMS Jamia Hamdard has minimized paper work. Currently, the following functions are operational in the RMS through online interface. Teachers and scholars can create their online profile and submit information on research activities on the RMS.

- Appointment of Project Staff
- Promotion of Research Staff
- Promotion of PhD scholars working as Research Fellow
- Submission of publication and other information for incentive/felicitation/recognition
- Submission of Proposal for Conferences/Seminars/Symposium/Workshops/Training Programme
- Submission of Training proposal for students from other institution
- Submission of Proposal for Collaboration/Memorandum of understanding
- Submission of Proposal for induction of distinguished individuals as Adjunct Faculty
- Submission of Proposal for invited lectures on topic of research
- Submission of Research Project
- Application for fellowships (doctoral and post-doctoral)

Faculty members and scholars can check their application status online. Currently, 297 users are registered in the RMS.



Research Management System

(A virtual Research Information and Management Platform)

Log in

User/Email ID

Password:


[Log in](#)

[Register](#) [Reset password](#)

For queries, please contact rms+queries@jamiahamdard.ac.in

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Research & Development Cell

- Launched on the Founder's Day - September 14, 2022 -



Research Management System (RMS)

PROFILE

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PHD PROGRAMME

PUBLICATIONS

[Add publication](#)
[Modify publications](#)
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PROJECTS

[Submit project details](#)
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PATENTS

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AWARDS AND HONOURS

EVENTS

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Sheikh Raisuddin

Professor and Head
Department of Medical Elementology and Toxicology, School of Chemical & Life Sciences



Personal Information

UUID	f774982	Publications	0	Email	sraisuddin@jamiahamdard.ac.in
State of Domicile	Uttar Pradesh	Awards & Honours	0	LinkedIn	in.linkedin.com/pub/sheikh-raisuddin/87/50b/62a/
Research Thrust Areas	Endocrine toxicology, Stress Biogoy	PhD Guidance		ORCID	0000-0003-0913-8906
Contact no.	9810370351	Events	0		

Education

Degree	Institute	Year
Ph.D.	CSIR-Indian Institute of Toxicology	1986 - 1992

RESEARCH PROJECTS DETAILS DURING 2022-23

A. Projects completed

S.No.	Name of PI	School/Department	Title of the Project	Funding Agency	Date of Completion
1.	Prof. Suhel Parvez	SCLS/Medical Elementology & Toxicology	Animal toxin peptides: Novel therapeutics for targeting mitochondrial permeability transition pore in cerebral ischemia.	ICMR	31.01.2023
2.	Dr. Javaid Ahmad Sheikh	SCLS/Biotechnology	Deciphering the functional link between ubiquitin proteasome pathway and xenophagy: Role of PR_PGRS protein family of mycobacterium tuberculosis.	SERB	16.02.2023
3.	Prof. S. Raisuddin	SCLS/Medical Elementology & Toxicology	Molecular mechanisms of action of metalloid Unani Kushtajat for their role in protection against cellular stress.	CCRUM)	01.12.2022
4.	Prof. Suhel Parvez	SCLS/Medical Elementology & Toxicology	Mucoadhesive Nano-emulsion of Dopamine Agonists Novel strategy for targeting Mitochondria in Alzheimer's Disease.	ICMR	14.07.2022
5.	Dr. Pankaj Kumar	SCLS/Biochemistry	Structural and biochemical characterization of Carbapenem Resistance Factor A (CrfA) from Mycobacterium tuberculosis.	SERB	11.02.2023
6.	Dr. Kamla Rawat	SCLS/Chemistry	Fluorescent multipurpose Bio-Dots-drug nanoconjugate as Antifungal drug tracker	ICMR	10.09.2022
7.	Dr. Anuja Krishnan with Another PI, Dr. Santosh Kumar, SGPGIMS, Lucknow	SIST/Molecular Medicine	Identifying therapeutic targets for blocking infection of highly pathogenic SARS-CoV-2 at an early stage: developing novel screening assay with minimal bio-hazard risk.	DBT	04-01-2023
8.	Dr. Anuja Krishnan	SIST/Molecular Medicine	Identification of anti-dengue viral compounds from Unani medicinal plants and formulations.	CCRUM	20.10.2022
9.	Dr. Surajit Ganguly	SIST/Molecular Medicine	Validation and characterization of novel functional role of SARS-CoV-2 ORF8 protein in tricking host complement system using molecular mimicry.	DBT	24-06-2022
10.	Prof. Syed E. Hasnain	SIST/Molecular Medicine	Prevalence risk factors and Laboratory diagnosis of non tuberculosis mycobacterium(NIM) diseases.	ICMR	28.02.2023
11.	Dr. Ozair Alam	SPER/Pharmaceutical Chemistry	Insight into the design, computational studies, and synthesis of pyrazole linked ary1 carbamoylhyioy1 acetamide derivatives: Implication for antidiabetic activity through a-Glycosidase inhibition.	SERB	23.06.2022
12.	Dr. Prashant Kesharwani	SPER/Pharmaceutics	Survivin siRNA targeted poly(propylene imine) dendrimer loaded with doxorubicin and lycopne against triple negative breast cancer.	ICMR	26.08.2022
13.	Prof. Abul Kalam Najmi	SPER/Pharmacology	Investigation of hepatoprotective activity of Unani Formulations with emphasis on alleviation of antitubercular drugs induced hepatotoxicity: Elucidation of molecular mechanism.	CCRUM	2021-2022
14.	Prof. Shakir Jamil	SUMER	Clinical Evaluation of a Unani formulation as adjunct therapy/ add-on therapy simultaneously with the allopathic treatment (regimen specific) in the Covid-19 patients.	AYUSH (EMR)	31.09.2022
15.	Registrar	Administration	STUTI Programme for creation of Capital Assets	DST	2021-2022

B. Projects awarded

S. No.	Name of PI	School/Department	Title of the Project	Funding Agency	Duration (Date/year)	Amount (in Rs.)
1	Prof. Suhel Parvez	SCLS/MedicalElementology & Toxicology	"Effect of Unani Formulations against Mitochondrial Mediated Cellular Mechanisms: A strategy to combat Alzheimer's Disease".	CCRUM	03 year w.e.f. 12-08-2022	3,78,200.00
2	Dr. Humaira Farooqui	SCLS/Biotechnology	Macrotyloma uniflorum, an underutilized pulse as a nutraceutical – in vivo and in silico approach	ICMR	03 years w.e.f. 15.02.2023	39,50,639.00
3	Dr. Nidhi	SCLS/CTCR	In silico and in vivo exploration of physostigmine analogues to understand mechanistic crosstalk between klothos and targets for epilepsy	ICMR	03 Years w.e.f. 01.03.2023	21,67,839.00
4	Prof. Mohd. Sarwar Alam	SCLS/Chemistry	Development of chemical profile and identification of bioactive & chemical markers for authentication and elite identification of the selected Unani herbal drugs.	CCRUM	03 years	45,77,520.00
5	Prof. Suhel Parvez	SCLS/Toxicology	Targeting Memory Milestones Using In Vivo Electrophysiology and Bio-Signal Processing as Novel tools	DST	03 years	58,24,602.00
6	Prof. Suhel Parvez	SCLS/Toxicology	Deciphering the mechanistic role of Ephrin-Eph signaling pathways targeting ischemic Stroke Model: An appraisal for the development of Neuro-therapeutics	ICMR	03 Years w.e.f. 13.03.2023	31,45,902.00 First Year
7	Dr. Mohd. Ashif Khan	SCLS/CTCR	Development of thermodynamically stable silver-nanoparticle based hydrogenof curcumin & thymoquinone withcollagen for deep burns:	ICMR	One year we.f. 24.03.2023	7,44,113.00
8	Dr. Syed Shafi	SCLS/Chemistry	Development of Michael acceptor based peptidylcinnamic acid and chalcone derivatives as cysteine protease inhibitors for leishmaniasis.	ICMR	02 Years 02.03.2022	13,72,577.00 First Year
9	Dr. Vasundha Sharma, Sr. Asstt. Professor	SIST/Food Technology	Technological interventions to enhance the bioavailability of omega fatty acids using nanoencapsulates systems	ICMR	One year w.e.f. 30.05.2022	3,66,215.00 1st Instalment
10	Dr. Sudeshna Kar	SIST/Molecular Medicine	Molecular mechanisms underlying gender dimorphism in the pathophysiology of anemia of Inflammation in a rodent moderi	SERB	03 years 22.04.2022	30,00,000.00
11	Dr. Sayeed Ahmad	SPER/Pharmacognosy & Phytochemistry	Development of Sugar Free Dosage Forms, Quality Control and Pharmacological Evaluation of Khamira Banafsha, Khamira Aabresham, Looq-e-Katan, Looq Sapistan, Sharbat Toot Siyah and Sharbat Zoofa against Covid-19 related disorders.	CCRUM	02 years	28,21,600.00
12	Dr. Ozair Alam	SPER/ Pharmaceutical Chemistry	Design, Computational studies, synthesis and biological evaluation of imidazo (1,5-a) imidazole, imidazo (1,2,-a) pyrazine and thiazolo(5,4-b)pyridine derivatives: Search for novel poten selective DPP4 Inhibitors for the treatment of	ICMR	03 years w.e.f. 01.02.2023	5,58,113.00 First year

			type-II diabetes mellitus			
13	Dr. B.P. Panda	SPER/ Pharmacognosy and Phytochemistry	Design & Development of Antithrombogenic small diameter electrospun vascular graft using indigenously developed nattokinase and serin	ICMR	03 years w.e.f. 20.01.2023	31,26,902.00 First year
14	Dr. Mohammad Shaquiquzzaman	SPER/ Pharmaceutical Chemistry	In Silico-Steered Synthesis, molecular docking and cell cycle analysis of sulfur containing pyrimidine pendant chalcone derivatives as potent Lysine specific demethylase-1 (LSD1 OR KDMIA inhibitors	ICMR	03 years w.e.f 01.12.2022	15,45,613.00 First Year
15	Prof. Mohd. Mujeeb	SPER/ Pharmacognosy and Phytochemistry	Redesigning and pharmacological evaluation of some classical Unani formulations with specific reference to immune-modulatory activity, safety profile and stability studies	CCRUM	03 years	22,42,400.00
16	Dr. N. RaviChandran	SMBS/HPM	Transforming and scaling up skills of T.B. healthcare Functionaries: Competency Assessment.	ICMR	One year w.e.f. 01.07.2022	17,64,608.00

C. Consultancy projects

S.No.	Title of the project	Name of the Faculty	School/Department	Name of Sponsored Agency	Amount(Rs.)
1.	Development of An Ophthalmic Preparation,	Dr. Bibhu Prasad Panda	SPER/Pharmacognosy & Phytochemistry	Genix Pharmaceuticals Corporation, 300-1055, West Hastings, Vanconver, British Columbia, Canada,V6E 2E9	10,42,793.00

D. Institutional projects

Sl. No.	Title of the project	Name of the Faculty/PI and Co-pl	Department	Name of the funding agency/ Research Scheme (if any)	Duration	Amount (Rs.)
1.	STUTI Programme for creation of Capital Assets	Registrar	Jamia Hamdard	DST	One Year 2021-2022	2,25,32,000.00

FELLOWSHIPS

A. DST - Fellowships - Innovation in Science Pursuits for Inspired Research (INSPIRE) (Ph.D.)

S.No.	Name of Scholar	Name of Supervisor	School/Department	Funding Agency	Duration/Date of joining
1.	Tazeem Zehra	Dr. Saima Wajid	SCLS/Biotechnology	DST	05 years w.e.f. 20.01.2023

B. DST-PURSE (Promotion of Universities Research and Scientific Excellence) Fellowships

Sl. No.	Name of the Faculty/PI, Co-PI and Student	School/ Department	Funding Agency	Date of Award
1.	Sejal Asija	SCLS/Botany	DST	01.09.2022
2.	Tanashvi Seth	SCLS/Botany	DST	01.09.2022
3.	Moksh Mahajan	SCLS/Botany	DST	01.09.2022
4.	Sayeda Khaton	SCLS/Botany	DST	01.09.2022
5.	Furqan	SCLS/Biotechnology	DST	01.09.2022
6.	Aditya Goel	SCLS/Biotechnology	DST	01.09.2022

7.	Onaiza Ansari	SCLS/Biotechnology	DST	01.09.2022
8.	Farheen	SCLS/Biochemistry	DST	01.09.2022
9.	Pallavi Juneja	SCLS/Biochemistry	DST	01.09.2022
10.	Kritika Shukla	SCLS/Botany	DST	01.08.2022
11.	Sushmita Sikia	SCLS/Botany	DST	01.08.2022
12.	Sukriti Maurya	SCLS/Botany	DST	01.08.2022
1.	Sejal Asija	SIST/Food Technology	DST	01.09.2022
3.	Aadil Ahmed Sheikh	SPER/Pharmaceutical Chemistry	DST	01.08.2022
4.	Ahsan Ali	SPER/ Pharmaceuticals	DST	01.08.2022
5.	Akansa	SCLS/Biochemistry	DST	01.08.2022
6.	Asad Ali	SPER/ Pharmaceuticals	DST	01.08.2022
7.	Ayesha Khan	SPER/ Pharmaceuticals	DST	01.08.2022
8.	Bushra Jabeen	SPER/ Pharmaceuticals	DST	01.08.2022
9.	Darakhshan Parveen	SPER/ Pharmaceutical Chemistry	DST	01.08.2022
10.	Devika Unnithan	SPER/ Pharmaceuticals	DST	01.08.2022
11.	Digvijaya	SPER/ Pharmacology	DST	01.08.2022
12.	Himani Gupta	SPER/Pharmacology	DST	01.08.2022
13.	Kamini D. Bhavsar	SPER/Pharmacology	DST	01.08.2022
14.	Md. Tousif	SPER/Pharmacology	DST	01.08.2022
15.	Md. Khalid Saifullah	SPER/ Pharmaceutical Chemistry	DST	01.08.2022
16.	Meenu Chikara	SPER/Pharmacology	DST	01.08.2022
17.	Mohd. Almas Khan	SPER/Pharmacology	DST	01.08.2022
18.	Mohd. Moonis	SPER/Pharmacology	DST	01.08.2022
19.	Nazia Nishat	SPER	DST	01.08.2022
20.	Nida Nehal	SPER	DST	01.08.2022
21.	Sadat Shafi	SPER/Pharmacology	DST	01.08.2022
22.	Shadab Alam	SPER/ Pharmaceuticals	DST	01.08.2022
23.	Shaista Amin	SPER/ Pharmaceutical Chemistry	DST	01.08.2022
24.	Shalu Chauhan	SPER/Pharmacology	DST	01.08.2022
25.	Sheikh Sana Nazir	SPER/Pharmacology	DST	01.08.2022
26.	Shivani Agarwal	SPER/Pharmacology	DST	01.08.2022
27.	Shyama Charan	SPER/ Pharmaceutical Chemistry	DST	01.08.2022
28.	Simron Kour Syeda Nashvia Adin	SPER/ Pharmaceutical Chemistry	DST	01.08.2022
29.	Syeda Nashvia Adin	SPER/ Pharmaceutical Chemistry	DST	01.08.2022
30.	Tabasum Ara	SPER/Pharmacology	DST	01.08.2022
31.	Tafail Ahmad	SPER	DST	01.08.2022
32.	Vikram	SPER	DST	01.08.2022
33.	Zoya Saifi	SPER/ Pharmaceuticals	DST	01.08.2022
34.	Zufika Qamar	SPER/ Pharmaceuticals	DST	01.08.2022

C. Hamdard National Foundation (HNF) Fellowships

S.No.	Name of Scholar	Name of Supervisor/Guide	School/Department	Date of Award
1.	Wasia Khanam	Dr. Nidhi C. Dubey	SIST/ Molecular Medicine	16.12.2022
2.	Areeba Insaaf	Prof. Sayeed Ahmad	SPER/ Pharmacognozy & Phytochemistry	16.09.2022
3.	Sheetal Pradeep Patil	Prof. Vidhu Aeri	SPER/ Pharmacognozy & Phytochemistry	16.09.2022
4.	Sanna Mehraj Kak	Dr. Parul Aggarwal	SEST/ Computer Science & Engineering	16.09. 2022
5.	Awwab Mohaammad	Dr. Farheen Siddiqui	SEST	16.09.2022
6.	Anam Abdullah	Dr. Surajit Ganguly	SIST/ Molecular Medicine	16.09.2022
7.	Muzayyana Khan	Dr. Sayeed Ahmad	SIST/ Food Technology	16.12.2022

8.	Varisha Khan	Dr. Shahid Umar	SIST/ Botany	16.12.2022
9.	Firdaus	Prof. M.Z. Abidin	SCLS/ Biotechnology	16.12.2022
10.	Supriya Tanwar	Dr. Sayeed Ur Rehman	SCLS/ Biochemistry	16.12.2022
11.	Mohammad Hasan	Dr. Haider A. Khan	SCLS/ Toxicology	16.12.2022

D. JRF-CSIR

S.No.	Name of Scholar	Name of Supervisor/Guide	School/Department	Date of Award
1.	Mohd. Shahrukh	Prof. Farhan Jalees Ahmad	SPER/ Pharmaceutics	01.11.2022

E. JRF-UGC

S.No.	Name of Scholar	Name of Supervisor/Guide	School/Department	Date of Award
1.	Hiba Khan	Prof. Suhel Parvez	SCLS/ Toxicology	17.06.2022
2.	Kunal Malik	Dr. Sonam Grover	SIST/ Molecular Medicine	23.06.2022
3.	Mohd. Asif	Dr. Najmus Sahar	SHSS/ Islamic Studies	20.06.2022
4.	Vikas	Dr. Sana Beg	SMBS/ Management	01.07.2022
5.	Mohammed Husain	Prof. Abroo Aman Andrabi	SHSS/ Islamic Studies	14.02.2023
6.	Suraj Kumar	Prof. S. Raisuddin	SCLS/ Toxicology	18.01.2023
7.	Anukrati Katiyar	Prof. Ajay Kumar Singh	SHSS/ Federal Studies	29.01.2023

F. NFSC

S.No.	Name of Scholar	Name of Supervisor/Guide	School/Department	Date of Award
1.	Surabhi Gautam	Prof. Surajit Ganguly	SIST/ Molecular Medicine	11.10.2022

G. Savitribai Jyotirao Phule Single Girl Child Fellowship (SJSGC)

S.No.	Name of Scholar	Name of Supervisor/Guide	School/Department	Date of Award
1	Vidhu Kaushik	Dr. Rana Zaidi	SCLS/ Biochemistry	01.04.2022
2	Devika Unnithan	Prof. Javed Ali	SPER/ Pharmaceutics	01.03.2023

H. SRF-ICMR

S.No.	Name of Scholar	Name of Supervisor/Guide	School/Department	Date/Year of Award
1.	Anam Khalid	Dr. Imran ahmad Khan	SCLS/Chemistry	08.07.2022
2.	Mr. Mohd. Shahrukh	Dr. Suhel Parvez	Toxicology/ Elementology Toxicology	14.11.2022
3.	Khursheed Ahmad Sheikh	Dr. Mohammad Shaquiquzzaman	SPER/ Pharmaceutical Chemistry	01.06.2022
4.	Afsana	Dr. Prashant Kesharwani	SPER/ Pharmaceutics	28.10.2022
5.	Mohd. Wasim	Dr. Syed Ehtaishamul Haque	SPER/ Pharmacology	06.12.2022

6.	Mohammad Faizan	Prof. Arunabha Ray	SPER/ Pharmacology	08.12.2022
7.	Vaishali Yadav	Dr. Divya Vohra	SPER/ Pharmacology	2022
8.	Wasi Uzzaman Khan	Prof. Abul Kalam Najmi	SPER/ Pharmacology	2022
9.	Farheen Fatima Qizilbash	Dr. Asghar Ali	SPER/ Pharmaceutics	2022
10.	Nazia Hasan	Dr. Asghar Ali	SPER/ Pharmaceutics	2022
11.	Shwetakshi Sharma	Dr. Kanchan Kohli	SPER/ Pharmaceutics	2022
12.	Saba Afsheen	Prof. Suhel Parvez	SPER/ Toxicology	2022
13.	Farheen Azad	Prof. B.P. Panda	SPER/ Pharmacognozy & Phytochemistry	2022
14.	Farhat Ramzan	Dr. Kalim Javed	SCLS/ Chemistry	2022
15.	Anam Khalid	Dr. Imran Ahmad Khan	SCLS/ Chemistry	2022
16.	Payal Kamboj	Dr. Mohd. Amir	SPER/ Pharmaceutical Chemistry	2022
17.	Saleem Akbar	Prof. Bahar Ahmed	SPER/ Pharmaceutical Chemistry	2022
18.	Aiysha Siddiq Khan	Dr. Mohan Kamthan	SCLS/Biochemistry	2022
19.	Ayesha Hena Afzal	Dr. Ozair Alam	SEST/ Computer Science & Engineering	2022
20.	Neelima Shrivastava	Prof. Asif Hussain	SPER/ Pharmaceutical Chemistry	2022
21.	Mehvish Habib	Dr. Khalid Bashir	SIST/Food Technology	25.05.2022

YOUNG SCIENTIST/WOMEN SCIENTIST PROJECTS (DHR) AND WOMEN SCIENTIST (WOS- A)/(WOS-B) (2022-2023)

Sl. No.	Title of the project	Name of the Faculty/PI and Co-pl	Department	Name of the funding agency/ Research Scheme (if any)	Duration	Sanctioned amount (Rs.)
1.	Young Scientist HRD Project entitled "Determining the effectiveness of bioactive metabolites of docosahexaenoic acid (DHA) by targeting the APP,BACE1 and APOE4 proteins in the Drosophila Alzheimer's disease model "	Dr. Swati Chandra under guidance/mentorship of Prof. Suhel Parvez	SCLS/ Medical Elementology and Toxicology	ICMR	03 years	27,09,000.00
2.	Young Scientist HRD Project: Alleviation of Neuroinflammation, behavioural Impairment and hypercholesterolemia with Nattokinase; a fibrinolytic enzymes obtain by precision bioprocess via preclinical models	Dr. Jalaluddin under guidance/mentorship of Dr. Bibhu Prasad panda	SPER/ Pharmacognosy & Phytochemistry	ICMR	03 years	45,83,185.00
3.	Young Scientist HRD Scheme Project entitled – Novel insights into the regulation of Carbohydrate response element binding protein to control dysregulated hepatic de novo lipogenesis	Dr. Aghar Ali under guidance of Dr. Sayeed ur Rehman Abul kalam	SCLS /Biochemistry	ICMR	03 years	51,29,500.00

INSA HONORARY SCIENTIST

S. No.	Title of the project	Name of the Faculty/PI and Co-pl	School/ Department	Name of the funding agency/ Research Scheme (if any)	Duration	Amount (Rs.)
1.	Honorary Scientist	Professor Faizan Ahmad	SCLS/ Biochemistry	INSA	03 years w.e.f. 01.03.2023	Rs.1,00,000.00 per annum as contingency grant

PROFESSOR OF PRACTICE

S.No.	Name	School	Address	Duration
1	Dr. Ashok Kumar Mishra	HILSR and SMBS	A-005, Sai Krupa elite, 39/2, fern city road, Doddanekundi Bangalore-560037	03 years

ADJUNCT PROFESSOR/FACULTY

S.No.	Name	School/Department	Address	Duration
1	Dr. Rajpal Singh Kashyap	SCLS/ Toxicology	CIIMS, Nagpur	Not Specified
2	Dr. Aliabbas Ashfaque	SCLS/	CIIMS, Nagpur	Not specified

	Husain	Toxicology		
3	Dr. Amit R. Nayak	SCLS/ Toxicology	CIIMS, Nagpur	Not specified
4	Prof. Nirmal K. Ganguly	SIST/ Molecular Medicine	Emeritus Professor and Director, PGUMER, Chandigarh	03 years
5	Dr. Hira L. Nakhasi	SIST/ Molecular Medicine	Director, Division of Emerging and Transfusion Transmitted Silver Spring, MD20993	03 years
6	Prof. Nadira K. Karunaweera	SIST/ Molecular Medicine	University of Colombo	03 years

PH.D. STUDENTS ENROLLED IN VARIOUS SCHOOLS

S.No	Name of School	Department	No. of Students
1	School of Interdisciplinary Sciences & Technology (SIST)	Molecular Medicine	11
		Food Technology	01
		Bioinformatics	01
		Interdisciplinary Sciences	01
Total			14
2	Hamdard Institute of Medical Sciences and Research (HIMSR)	Community Medicine	02
		Medical Biochemistry	01
Total			03
3	School of Management & Business Studies (SMBS)	Management	23
		Health & Hospital Management	02
Total			25
4	School of Engineering Sciences and Technology(SEST)	Computer Science & Engineering	27
Total			27
5	School of Humanities and Social Sciences(SHSS)	Islamic Studies	08
Total			08
6	School of Pharmaceutical Sciences and Research (SPER)	Pharmaceutical Chemistry	13
		Pharmaceutics	16
		Pharmacology	10
Total			39
7	School of Chemical & Life Sciences (SCLS)	Botany	04
		Biochemistry	02
		Biotechnology	13
		Chemistry	03
		Medical Elementology & Toxicology	07
Total			29
GRAND TOTAL			145

11. MOUs SIGNED

S.No.	Name of Organisation	Address	Duration
1	Dr. Shroff's Charity Eye Hospital	5027, Kedarnath road, Darya Ganj, New Delhi-110002	03 Years (w.e.f. 16.08.2022)
2	MESCO Institute of Pharmacy, Amroha (UP)	402, Dhanaura road, Amroha(UP)	05 Years (w.e.f. 21.07.2022)
3	Agarwal Hospital Delhi-110034	B-1, Rohit Kunj,Pitampura, Delhi-110034	03 Years (w.e.f.15.12.2022)
4	Tech Mahindra Foundation	Oberoi Gardens Estate, Chandivali, Off Sakik Vihar Road, Andheri(East), Mumbai-400072 Delhi Office: Harijan Sevak Sangh, Gandhi Ashram, Kingsway Camp, Delhi-110009	06 Year (w.e.f. 08.08.2022)
5	Universal Biotech	Farashkhana, Delhi-110006	03 Years (w.e.f. 15.02.2023)
6	Becton India Private Ltd.	202-204, Tolstoy House, 15, Tolstoy Marg, New Delhi-110001	01 Year (w.e.f. 01.02.2023)

NATIONAL SCIENCE DAY 2023

Jamia Hamdard has been celebrating the 'National Science Day' on February 28 each year to mark the discovery of the 'Raman Effect' by the Nobel Laureate Sir CV Raman. The theme for the year 2023 as declared by the Department of Science & Technology (DST) was – "Global Science for Global Wellbeing". The programme of celebration was held in the Hamdard Convention Centre on February 28, 2023. During the programme the Director R&D Cell (Prof. S. Raisuddin) present progress report of the university during the last one year. He showed that there has been significant progress in terms of research projects, publications and citations of the faculty members. In order to encourage faculty members and scholars to publish high quality papers since year 2010 Jamia Hamdard has tradition of felicitating faculty and research scholars on the National Science Day. Faculty members and scholars are also provided cash incentive. In the programme of 2023 the following numbers of faculty and scholars were felicitated.

Sl. No.	Particular	No.
1.	Number of research papers published in journals with impact factor more than 5	54
2.	Review articles published in journals with impact factor more than 6	28
3.	Publication with high citations	19
4.	Books published by faculty members	17
5.	Number of Research Project with value more than Rs. 50 lakh	03

After felicitating faculty members and research scholars for their accomplishment in the field of science and other disciplines the Vice Chancellor Prof. M. Afshar Alam in his presidential address emphasized on the quality of research and importance of ethics in research. He also urged faculty members and scholars to develop collaborative research programmes within Jamia Hamdard and outside of the institution. He also spoke on the important role of research in ranking and accreditation.

INDUSTRY ACADEMIA PARTNERSHIP CELL

Jamia Hamdard, Delhi

Annual Report 2021-2022-2023

The Industry-Academia Partnership Cell is developed under the leadership of Honourable Chancellor and Honourable Vice Chancellor of Jamia Hamdard to help each student in exploring placement opportunities by inviting various companies for campus recruitment of students. It gives immense pleasure to invite together industry leaders and academic partners on one single platform to address the spinning dynamics, to describe the growing interdependence of the world. It is an endeavour to create a platform for talent and skill exchange. Further the vision is of making the student community ready for the future challenges. The systematic interaction with the industry and continuous career counselling of the final year and pre-final year students of different Schools of the University is done on regular basis. The University is keen to be associated with well-known companies for research work, projects, training, internship and recruitment. The enthusiasm grows towards showcasing budding aspirants to the industry further gaining faith to be mutually beneficial. The hand holding not only helps the students in getting 'dream' jobs but also assists the visiting companies in identifying the 'right' candidate for the organization.

Our Vision

The Industry Academia Partnership Cell is established to produce technologically competent, morally and emotionally strong and ethically sound professionals who practice commitment to their profession and dedicate themselves to the service of mankind.

Our Mission

The students are to be developed technically and ethically strong. To make them self-sustainable professionals who may perform in every arena of personal and professional life.

IAPC Committee

The placement related activities, at Industry-Academia Partnership Cell, are carried out by the IAPC committee. The committee is composed under the leadership of Hon'ble Vice Chancellor, with core team of senior faculties, Industry representative, faculties and student coordinators from all the schools, who are in their pre-final and final year.

- | | |
|---|---------------------|
| 1. Prof. M Afshar Alam, Hon'ble Vice Chancellor | – Chairman |
| 2. Dr Babita G. Kataria | – Honorary Director |
| 3. Prof. M Shaharyar, Professor, SPER | – Member |
| 4. Dr Zeenat Iqbal, Professor, SPER | – Member |
| 5. Dr Sayeed Ahmad, Professor, SPER | – Member |
| 6. Dr Sanjay Thakur, Deloitte | – Member |
| 7. Dr. Bhavya Alankar, Asst. Professor. SEST | – Member |
| 8. Dr. Saima Wajid, Asst. Professor, SCLS | – Member |
| 9. Dr Syeedun Nisa, Associate Professor, SMBS | – Convener |

Faculty Coordinators of Industry-Academia Partnership cell from each School:

SMBS: Ms. Manpreet Kaur Kohli, Dr. Jwaad A Khan

SNSAH : Mr Noor Mohammed, Ms. Jamal Fatima Hashmi, Ms. Anjali Kaushik, Ms. Vandana Solanki, Ms. Sweta M Jacob, Mr. Faraz Ahmed Mufti, Dr. Ashar Imam, Dr. Kalpana Zutshi **SEST:** Dr. Bhavya Alankar, Dr Sheerin Zafar

SIST: Dr Selvapendian, Dr Khalid Bashir

HILSR: Mr Ishan Ahmad, Dr Burhan Majid
SHSS: Dr Aabroo Andrabi, Dr Sumaiya
SUMER: Dr. Mohd. Maaz, Dr Anwar Hussain Khan
SPER: Dr Zeenat Iqbal, Prof. M Shaharyar
SCLS: Dr. M. Shamim, Dr. Saima Wajid
Followed by faculty & student coordinators from each Schools.

Registration

Students who are in their final year and interested in availing placement support from IAPC have to register themselves for placement. The students have to register their demographic and academic details through placement form to participate in the drives.

Eligibility

Students who fail to clear the academic exams and other formalities at the end of the course, shall be removed from the placement process and will not be eligible for campus placement activities. Any major disciplinary actions will also likely to terminate the student from campus placement activities. The students who are placed in one company are allowed for next opportunity as per the placement policy of the cell.

Process

The process of each recruiting organisation is as per their defined policies. Companies have different rounds of process starting from Pre-Placement talk followed by a written test, Group Discussion (may or may not), rounds of Technical and HR interviews of eligible and shortlisted students. The drives can be conducted via on-campus or off-campus or an online recruitment process.

Once an organization shows interest for recruitment from the University the students are asked to register their interest for the job. An email informing about the job opening and its profile will be shared with the related IAPC committee members and student coordinators. The interested students will register and give consent to participate. Only the interested students are required to register as the entire process is not mandatory. The registered and eligible students for a particular job profile will be considered for the job opening and their names and CVs will be shared with the company. It will be the responsibility of the student to keep his/her resumes updated. Once the names of the students are submitted, students are not allowed to withdraw from the recruitment process. After the process is over, result is announced and shortlisted students will undergo background verification by the company. If all the eligibility and background verification is satisfactory, the student is finally offered placement.

MOU Signed in 2022

Collaborated with Calyxpod for data capturing and placement assistance. Signed

MoU with mUniversity Campus for expanding placement activities.

Under CSR initiative undergone with Click Campus in an agreement to make industry ready candidates.

Coffee.io and JH collaborated for assessing students, guiding and enhancing corporate connect for placing students.

MOU Signed in 2023

Under CSR initiative signed Scope of Work Agreement with NIIT foundation to facilitate campus placements and training. The collaboration would be mutually beneficial for both the organisations as well as for students. The combining of resources and expertise would significantly enhance the employability of students and contribute to their successful career growth.



INTERNAL QUALITY ASSURANCE CELL (IQAC)

JAMIA HAMDARD, NEW DELHI

Director – Prof. S. Raisuddin
Deputy Director – Prof. M. Shahar Yar
Date of establishment - December 07, 2011

<http://jamiahamdard.edu/UserPanel/DisplayPage.aspx?page=o&ItemID=cag>

Jamia Hamdard is committed to strive for achieving and sustaining high quality standard in higher education leading to excellence and innovations in selected fields of knowledge and undertaking high quality research for the advancement of knowledge and its dissemination through various research programs undertaken in-house or in collaboration with premier national and international institutes. The Jamia Hamdard Internal Quality Assurance Cell (IQAC) which is a mandatory requirement of NAAC and UGC is fully functional and functions as per the guidelines issued time to time by NAAC and UGC. It promotes a quality culture in the university and is the nodal office for accreditation, ranking and data filing for the All India Survey for Higher Education (AISHE).

Vision

- To make quality the defining element of Jamia Hamdard through a combination of self and external quality evaluation, promotion and sustenance initiatives.

Mission

- To develop a quality culture in the Institution.
- To facilitate and create a learner-centric environment conducive to quality education.
- To encourage self-evaluation, accountability, ethical practices, autonomy and innovations.
- To adopt and disseminate 'Best Practices'.

IQAC Committee (as on 31/03/2023)

S.N.	Category	Name and Designation	Position in IQAC
1.	Head of the Institution	Prof. (Dr.) M. Afshar Alam Vice Chancellor	Ex-Officio Chairman
2.	Administrative Officers	Registrar Controller of Examinations Finance Officer	Ex-Officio Members
3.	Teachers	1. Prof. Shakir Ali, SCLS 2. Prof. Shahid Umar, SCLS 3. Prof. M. Shahar Yar, SPER 4. Dr. Zeeba Shamim Jairajpuri, HIMSR 5. Dr. Parul Aggarwal, SEST 6. Dr. Shazia Jilani, SUMER 7. Dr. Sadaf Siraj, SMBS 8. Dr. Shikha Ghera, SMBS 9. Ms. Kalpana Zutschi, SNSAH	Members
4.	One member/nominee of Management	Prof. Pawan K. Dhar School of Biotechnology, Jawaharlal Nehru University, New Delhi	Member
5.	One Member from Local Society/Student/Alumni	Prof. Rizwanul Haque Department of Biotechnology, Central University of South Bihar, Gaya	Member
6.	Nominee from Industry	Dr. Sanchit Sharma Aimil Pharmaceuticals India Ltd. New Delhi	Member
7.	One Outside Expert	Prof. V. K. Jain Ex-VC, Tezpur University, Assam	Member
8.	One of the Senior Teachers as the Director IQAC	Prof. S. Raisuddin, SCLS	Director & Member - Secretary

IQAC Staff

1. Dr. Syed Ikmal Murtaza – Consultant
2. Mr. Mohd Azam Siddiqui – Consultant
3. Mr. Anish Cherian – Dealing Assistant

Report of Various activities conducted by IQAC for the year 2022-2023

- IQAC submitted data for the Institutional Information for Quality Assessment (IIQA) of the University which is the per-requisite for SSR submission for NAAC Accreditation on June 30, 2022.
- IQAC has prepared and submitted the Self Study Report (SSR) of Jamia Hamdard for its 4th cycle of Accreditation. For each criteria a Coordinator was appointed who along with other team Members prepared documents for SSR. The detail of SSR-Criteria Coordinators are as follows:
 1. Prof. Manju Chhugani, Dean, SNSAH
 2. Prof. M. Mumtaz Alam, SPER
 3. Prof. Suhel Parvez, SCLS
 4. Prof. M. Shahar Yar, SPER
 5. Prof. S. Mehartaj Begum, Dean, SHSS
 6. Prof. S. Raisuddin, Director IQAC
 7. Dr. Parul Agarwal, SEST

SSR was submitted on NAAC portal on September 22, 2022.
- IQAC submitted data for the Annual Quality Assurance Report (AQAR) of the University for 2020-2021. AQAR for 2021-22 is available for download on the university web site.
- IQAC continued the Academic and Administrative Audit (AAA) exercise. An audit committee involving external expert was constituted for the purpose of academic and administrative assessment. The Academic and Administrative Audit (AAA) of SMBS, SEST, SIST, SUMER, SNSAH and SPER was already conducted in previous academic year. Academic Audit of the following Schools were completed in 2022-23.
 - Hamdard Institute of Legal Studies and Research (HILSR) on 7th July 2022.
 - School of Chemical and Life Sciences (SCLS) on 18th and 19th April 2022
 - School of Humanities & Social Sciences (SHSS) on 1st Sept.2022.
- IQAC submitted data for NIRF 2023 and secured Second Rank in Pharmacy Category. NIRF 2023 rankings in other categories were as follows.
 1. Medical -29
 2. Management-96
 3. University-49
 4. Overall-78

- IQAC has also submitted data for Times Higher Education (THE) and QS Ranking. Jamia Hamdard has been ranked in 601 to 800 ranking band for the year 2022-2023
- i. QS Asia University Ranking 2024: 451-500
 - ii. QS South Asia University Ranking 2024: 110
 - iii. QS University Ranking 2024: 601-800
 - iv. The Times Higher Education (THE) World University Rankings 2022: 801-1200
 - v. The Times Higher Education (THE) World University Rankings 2023: 1001-12000
- IQAC also submitted data for All India Survey on Higher Education (AISHE) 2021-22 conducted by the Ministry of Education, Govt. of India.
 - Three meetings of IQAC Committee were conducted to deliberate on the matters of teaching and research quality and NAAC accreditation. Approved minutes of the meetings are placed on the university web site. Dates of meetings were as under.
 1. June 23, 2022
 2. September 02, 2022
 3. February 13, 2023
 - IQAC developed CAS proforma and Annual Self Appraisal Report(ASAR) form for faculty.
 - IQAC has opted the NAAC Margdarshan Program through identification of institutions for NAAC Accreditation.
 - Documentation of various activities with the help of extended IQAC members for preparing SSR and annual reports.
 - IQAC has conducted various Seminars/Orientation program for staff development. The details are as follows:
 1. A Seminar on the title **“Research Ecosystem In Higher Education Institutions And Its Impact On Accreditation And Ranking”** was conducted in collaboration with **National Assessment & Accreditation Council (NAAC)** and is supported by the DST- PURSE grant on August 01, 2022 at Convention Centre Jamia Hamdard, New Delhi under the patronage of Prof M Afshar Alam, Vice-chancellor Jamia Hamdard. Speakers from academic institutions, research institutions and experts in the field of accreditation and ranking including a NAAC Official attended the seminar. Prof. Furqan Qamar former Secretary General, Association of Indian Universities, New Delhi was the Chief Guest and Dr Leena Gahane, Dy. Advisor, NAAC was the Guest of Honour..
 2. IQAC organized a Special lecture on “NEP 2020: Concept, Relevance and Implementation on June 14, 2022” by Prof. (Dr.) Shakila Shamsu, Former OSD (NEP), Department of Higher Education, Ministry of Education, Government of India in collaboration with the Department of Botany (SCLS).

HMS Central Library

University Librarian: Mr. Mohammed Shoab

Brief Introduction

Jamia Hamdard Library system consists of a Central Library and six School libraries. The Central Library of the Jamia Hamdard was named as Hakim Mohammed Syeed Central Library in 1992 after the name of younger brother of the founder Late Hakeem Abdul Hameed Saheb. Since then, the library has been acquiring quite a large number of resources in conventional and non-conventional forms. The library has more than 2 lakhs books and other documents including 30,000 rare books, 18,500 bound volumes of journals. The Library subscribes to national and International journals and online databases. It has acquired quite a large number of CDs, and more than 3500 manuscripts in Urdu, Arabic and Persian languages. Library has also digitized 13589 rare books with the help of Rekhta Foundaion.

The Library is fully automated and extensively leverages modern technologies in delivering its services. Presently Library is using LibSys software, a state-of-the-art integrated library management system. Collection is searchable through online catalogue. The library is very rich in oriental collections on different languages including Urdu, Arabic, Persian, etc.

The HMS Central Library is using RFID technology. It is the best automation system used worldwide and is an effective way of managing collections of the library and providing enhanced services to the users having benefits like: self-kiosk for check-in/out of books. The RFID tag captures the book information in microchips and makes everyone's job easier right from the users to library staff.

In addition to the various resources, the Library is also a member of e-ShodhSindhu (<https://ess.inflibnet.ac.in/>) INFLIBNET, DELNET, Ebsco – Business Source Elite, J-Gate Plus, Lexis Nexis, Economics & Political Weekly, Prowess IQ, SCC Online. The Library resources can be accessed from all nodes of Network across the campus. More details regarding the library can be accessed from the library web page <https://idp.jamiahamdard.edu>

Services provided by the library to its users:

- Web OPAC – Online Public Access Catalogue
- Off-Campus Access (Remote Access)
- Institutional Digital Repository
- Circulation Counter
- Inter Library Loan (ILL) – DELNET
- National Digital Library of India (NDLI)
- Manuscript Section
- New Arrival
- Self-Kiosks (For Issue/Return of Books)
- Textbook & Periodical Section
- Book Bank
- Plagiarism Detection Software – Ouriginal
- Photocopy etc.

Name of the School Libraries

1. School of Nursing Science and Allied Health Science (SNSAH)
2. School of Pharmaceutical Education & Research (SPER)
3. School of Chemical & Life Sciences (SCLS)
4. School of Unani Medical Education and Research (SUMER)
5. Hamdard Institute of Legal Studies & Research (HILSR)
6. Hamdard Institute of Medical Science & Research (HIMSR)

Staff members: (1st April, 2022 to 31st March, 2023)

Sl. No.	Name (in full)	Qualification (only PG, PhD.& above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Mr. Mohammed Shoaib		University Librarian		
2.	Dr. Riyazuddin		Deputy Librarian		
3.	Mrs. Nuzhat A. Siddiqui		Assistant Librarian		
4.	Dr. Masood Raza		Assistant Librarian		
5.	Mr. Zaman Aleem		Professional Assistant		
6.	Mr. Md. Faruque		Professional Assistant		
7.	Mrs. Salma		Professional Assistant		
8.	Mr. Abdul Yazdan		Professional Assistant		
9.	Mrs. Pooja		Semi-Prof. Assistant		
10.	Mr. Fazal Kamroon		Semi-Prof. Assistant		
11.	Mr. Gir Bahadur		Library Attendant		
12.	Mr. Shamim Akhtar		Library Attendant		
13.	Mr Salahuddin Hashmi		Library Attendant		
14.	Mr. Ashok K Malik		Library Attendant		
15.	Mr. Irshad		Office Attendant		
16.	Mr Qamruddin		Library Assistant		

1. Facilities for students or research scholars created during the year 2022-2023 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1.	E-Resource Section	Set up the E-Resource Section to facilitate research scholars in accessing the e-resources in the library.
2.	INFED Membership	Jamia Hamdard Library has signed a MoU with INFLIBNET for accessing subscribed e-resources remotely.
3.	Online Web-OPAC	Online Public Access catalogue (OPAC) enables users to search for the book in possession of the library. It also allows library users to know the number of copies available and the status of the book whether it is issued or available on the stack. It can be accessed on your mobile as well.

2. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
		NA		

3. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
			NA			

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
	NA	

4. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2022-2023

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Orientation Programme on Predatory Journals and UGC- CARE Listing of Journals	Feb 03, 2022	NA	
2.	Lecture on "Reference Management Tools" by inviting the expert Mr Manoj Kumar Scientist – E (CS) from INFLIBNET, Gandhinagar.	February 10, 2023	NA	
3.	Lecture on "Measuring and Maximizing Research Impact" in the Hamdard Convention Centre, Hall no 2.	August 11, 2023	NA	

Examination Section, Jamia Hamdard

Jamia Hamdard was declared as a Deemed to be University by the Govt. of India in 1989 on the recommendation of University Grants Commission under the UGC Act 1956.

Jamia Hamdard is accredited by NAAC in Grade "A+".

Jamia Hamdard runs following schools/centres in main campus, One Off Campus in Kannur and Two Vocational Study Centres outside the campus:

SCHOOLS/CENTRES OF JAMIA HAMDARD

S. No.	Name of School/Centre
1	School of Pharmaceutical Education & Research SPER
2	School of Unani Medical Education & Research SUMER
3	School of Chemical & Life Sciences SCLS
4	School of Nursing Sciences & Allied Health SNSAH
5	School of Engineering Sciences & Technology SEST
6	School of Management & Business Studies SMBS
7	School of Interdisciplinary Sciences & Technology SIST
8	School of Humanities & Social Sciences SHSS
9	School of Law (HILSR)
10	School of Medicine (HIMSR)
11	Centre for Media & Mass Communication Studies CMMS
12	Centre for Distance and Online Education CDOE
13	Centre for Training & Empowerment CTE
14	Jamia Hamdard Residential Coaching Academy JHRCA
15	Jamia Hamdard Off Campus Kannur
16	Hamdard Vocational Knowledge Centre, Moradabad HVKC
17	Jamia Hamdard Centre for Vocational Studies(TMSA)

Smooth conduct of examinations and timely declaration of results is one of the important activities of examination section of Jamia Hamdard. Jamia Hamdard conducts Semester/End semester/Annual examinations as per respective bye- laws/regulation of councils/bodies and examination norms of Jamia Hamdard.

Total Number of students appeared in final year during 2021-22 are 2550. Total

Number of students passed out in final year during 2021-22 are 2343.

Salient Features of Examination System at Jamia Hamdard

- Involvement of Deans, HoDs and Teachers in conducting Examinations:
- (Setting of Question Papers, Internal Assessments, Conducting Semester/ Annual Examinations, Evaluation of Answer Sheets, Tabulations, declaration of results etc.)
- Transparent Examination and Evaluation System
- Examination process governed by the Rules & Regulations/Manual of Examinations of Jamia Hamdard and regulatory bodies
- Regular deliberations on Examination System in governing bodies Board of Management, Academic Council, Standing Committee of Academic Council) and other Bodies / Committees duly constituted to look into the matters related to Examination and its Reforms
- Implementation of guidelines, directives of statutory 'Councils' such as UGC, INC, AICTE, NMC, PCI etc. in the examination system of Jamia Hamdard
- Working on Complete Examination Digitization Process
- Introduction of Online Assessment/Evaluation Process.
- Maintaining and adhering to the policy of zero tolerance to protect, and to promote good practices in the Examination System
- Adaptation of Evaluation & Assessment as per the mandate of NEP -2020
- Adopted SWYAAM / MOOCs / CBCS as integral part of university examination system.
- Adoption/Registration in Academic Bank of Credits (ABC)
- Registration in NAD

Examination Reforms (Best Practices)

- Adaptation of NEP - 2020
- Simplification of Procedures in Evaluation of Answer Sheets & Declaration of Results as per NEP – 2020
- Time Bound Re-Evaluation/Re-Totalling Process
- Time Bound Redressal of Grievances
- Release of Certificates/Documents in a Time Bound Manner
- Full Proof Security Measures Adopted in Degrees/Other Certificates
- Adaptation of Academic Bank of Credits (ABC)
- Registered in NAD Digilocker
- Optimum use of ICT in the Examination Process
- Four layer checking system before it goes to Data Processing Unit (DPU) for entry of marks in ERP/Module and the results are published immediately (The whole process is completed within 30 days), thereafter, Mark Sheets are sent within a week to the respective Deans/HoD's for distribution to the students.
- FAQ's are uploaded on the University Website
- Uniform system of Evaluation and Moderation.
- Utility of Software in Examination and Evaluation process under a single Umbrella.
- Subject assessment board under Dean to assess Back paper system after the exam to evaluate performance especially of weak students.
- Examinees are shown their Answer Books.
- Double entry Tabulation.
- Zero Tolerance for any unfair means in examination
- FAQ

Use of ICT in Examination System

- Use of ICT in robust manner emphasizing on Information and Communication
- Use of ICT in PRE EXAM, DURING EXAM and POST EXAM process
- Processing and Printing of summary, Results and Marksheet.
- Online access through University Website for the Existing and Passed out Students to apply for issue of duplicate Marksheet/Provisional & Migration Certificate, Transcripts of Degree and Marksheets etc.
- Online Portal for Fee payment
- Complete Digitization of Examination Process through UMS.

INFRASTRUCTURE DEVELOPMENT

Part – A

Works executed/under progress during 2022-23:

1. Solar Energy Tapping.

Jamia Hamdard campus has been equipped with grid connected Net-Metering Rooftop Solar Panels (HIT Module) of total capacity of 465 KWp at different buildings of the campus. This project was funded by HNF-HECA. The Solar Panels are generating on average 57,000 electricity units per month which means the University is saving around Rs. 7.40 lakhs per month on electricity bills. The University has been able to export some generated electricity to BSES. The University has also installed Solar Water Heating System at the hostels for students' use which is working very effectively.

The University is also exploring feasibility to install about 300 KWp capacity Solar Panels at the roofs of other buildings.

2. Development of Centre of Excellence for Unani Medicine

From the fund provided by the AYUSH, Govt. of India, the said work has been taken-up. After due process, the Architect was engaged and the work has been awarded. The work is about to complete shortly.

3. Modification of Computer Centre.

In view of the utmost necessity of a well-equipped computer lab with latest gadgets and technology, the University decided to modify its existing Computer Centre at the first floor of Central Library Building. Accordingly, the work has been started and is in progress. The project is expected to complete within a month.

4. Interior Renovation of School of Pharmaceutical Education & Research (SPER)

The SPER is among the top rated institute of pharmacy in India. The condition of the building was deteriorating. Therefore, the work of its interior renovation was taken-up which included Lab. and General Furniture. After due procedure, the work was started. The whole work was split in phases. The first phase has been completed. The next phase is going to start soon.

5. Installation of Porta Structure for 10 nos. of classrooms

To meet the utmost requirement of classrooms, it was decided to provide a Porta Structure for at least 10 nos. of classrooms with mandatory services/offices. A porta Structure in front of Central Library Building has been installed. The classrooms have also been provided with Benches/Desks and Chairs.

6. Introducing E-Waste Management

E-waste is any electrical or electronic equipment that's been discarded. This includes working and broken items that are thrown in the garbage or donated to a charity reseller like Goodwill. Often, if the item goes unsold in the store, it will be thrown away. E-waste is particularly dangerous due to toxic chemicals that naturally leach from the metals inside when buried.

The University has entered into an agreement with M/s. Sorditcon for collection of e-waste and its disposal through authorized source. The agency collects the e-wastes of Computer system, printers, mobile phones etc.

7. Introducing Project "Segregation of Organic Waste Recycling and Treatment (S.O.R.T)"

Jamia Hamdard has entered into an agreement with an NGO, Indian Pollution Control Association (IPCA), which is engaged in creating environmental awareness and implementing Integrated Solid Waste Management System across India since 2001. The NGO is actively working in the realm of environment for last twenty years and has successfully developed cost effective and environmentally sound techniques and strategies for Solid Waste Management (SWM) in India.

We are pleased to share here that we have installed six nos. of composters in the campus in coordination with IPCA. Following will be the functions:

- Get segregated waste at source.
- To enable Composter operators to compost kitchen and garden/horticulture organics, producing healthy organic Compost and manure to be used by the institute residents and outsiders.
- Increase recycling rate of Municipal solid waste through efficient segregation.
- Educate waste generators / consumers on efficient waste management.
- Promote local self-responsibility for a clean environment.

8. Conducting Electrical Energy Audit and Electrical Safety Audit

Jamia Hamdard had invited expression of interest (EOI) for conducting Electrical Energy Audit of Jamia Hamdard Campus, New Delhi from Certified Energy Auditors Firms by Bureau of Energy Efficiency (BEE) or empanelled accredited Energy Auditors firms for Performance Achieve Trade (PAT). Accordingly, the audit has been done. The scope of the audit included the following:

- Energy Performance Assessment of equipment and utilities in the electrical sub-station, electric power distribution, HVAC systems, electric motors and drives, fans and blowers, water pumping systems, UPS systems, lighting systems, Diesel generator sets etc. and other associated installation and equipment of various buildings of the University including study of energy consumption pattern and management of power demand in the building.
- Based on the above observations, the focal areas have been identified to provide opportunities for energy saving along with cost benefit analysis.
- The recommendations for the same are being implemented.

9. Introducing “Green University” Concept

The concept of Green University demands not just the incorporation of a spirit of sustainability into University operations, curriculum planning and daily life on campus, it also provides assistance to the University, the community, the society in general, the country and the entire human race in having a sustainable future through Teaching, Research, Innovation and Campus activities.

As a responsible Academic Institute, our University is willing to be a full-fledged Green University and also strive to bring greater emphasis on achieving a Greener World for the society. Our Green University concept is influenced by following sustainable values and practices.

- Conservation of local biodiversity
- Maximizing the Green landscaping.
- Minimizing the use of Chemicals.
- Water Conservation practices.
- Energy Efficiency and Renewable Energy sourcing.
- Natural Ventilation and use of efficient Lighting.
- Adopting Sanitation performance standards, and cleanliness.
- Recycling and composting.
- Fuel efficient transportation.
- Reducing the waste and recycling.
- Herbal and Mythological Gardening.

In view of the above, Jamia Hamdard has been associated with Green Mentors. Green Mentors is UNGA Award winning Nature Driven Research Organization, bringing Power of Nature into Education through its Global Green Schooling Concept. United Nations has selected its Green School Concept as Global Solution and placed it on UN Global Innovation Exchange.

After due audit, the agency, M/s. Green Mentors has issued a certificate addressed to the Hon'ble Vice-Chancellor informing that Jamia Hamdard has achieved the standards for Accredited Green University and hereby accredited as Green University in Platinum Ranking.

10. Rain Water Harvesting System

In order to prevent the shear wastage of rain water, Jamia Hamdard has developed the rain water harvesting system. Centre for Science and Environment has made the campus as a model Campus of harvested water. This facility is frequently visited by National and International delegations. University had received “Rain Water Harvester Award” in 2006 from the Government of Union Territory of Delhi. The details of rain water harvesting of the campus is given below:

Rain water available for harvesting:

- Total rooftop and surface area: 3,15,380 square meters
- Average annual rainfall in Delhi: 611 millimeters (mm).
- Total volume of rainwater harvested: 67444 cubic meters (m³) or 6,74,44,000 liters.

This represents 35 per cent of the total rainwater harvesting potential.

Rainwater from various catchment areas such as rooftop, surface runoff from open areas and runoff from the Jahanpanah Reserve Forest is harvested.

- **Rooftop Rainwater Harvesting at the Library Building**

Rainwater from the library's rooftop is taken to a desilting chamber measuring 2m x 2m x 3m through a closed drain. A baffle wall divides the desilting chamber into two compartments, settlement and filtering chambers. The rainwater first enters the desilting chamber, where the silt gets collected and then overflows into the filtering chamber. The filtering chamber has pebbles, which further filters the rainwater before diverting it into the recharge well. The recharge well measures 1.5m x 1.5m x 3m in size with a 30m deep recharge bore well measuring 100mm in diameter.

- **Rooftop Rainwater Harvesting at the Girls' Hostel**

Rainwater from the hostel terrace is diverted to a circular recharge well, 2m in diameter and 3m deep through a closed channel. A desilting chamber is created by constructing a baffle wall inside the recharge well. The rainwater from the terrace flows into the desilting chamber, where the silt gets deposited. The silt-free water overflows into the recharge well. Encompassing a bore well, is 100mm in diameter and 30m deep, where it is stored.

- **Surface runoff water harvesting near library building**

Surface runoff water from the paved and unpaved areas surrounding the library is collected in two trenches located in the eastern part of the campus (near Gates 5 and 6). The runoff collected near Gate 5 is diverted into a recharge well. Similarly, the runoff from the northern side of the building is drained into an abandoned open dugwell near Gate 6.

- **Surface runoff water harvesting from Jahanpanah Reserve Forest.**

The surface runoff water from the Jahanpanah reserve forest is collected in a pond from where it flows through a storm water drain adjacent to the Scholars' House. This runoff water is channelized into a desilting chamber and then into a recharge well with 2m x 2m x 3m dimensions and 1m high diversion wall.

- **Surface Runoff and Rooftop Rainwater Harvesting At Hammad Archives & Research Centre**

The rooftop rainwater and the surface runoff water is collected in an open drain which runs adjacent to the building. This drain, measuring 450mm in width and 300mm in depth carries the rainwater into the desilting chamber. The silt-free water is diverted to a recharge well which has a bore well to recharge the groundwater.

Details of Rain Water Harvesting Wells in the Campus:

The detailed descriptions of rain water harvesting wells in the campus are given in the following table:

S.No.	Location	Number of wells (Nos.)	Roof Top Area (sqm)	Remarks
1.	Faculty of Science building	02	3130.00	Maintained
2.	IBN-e Batuta Hostel	01	1022.00	Maintained
3.	JLN Hostel	01	918.00	Maintained
4.	Scholar's house	01	1319.00	Maintained
5.	HIMSR Building	03	2400.00	Maintained
6.	Hamdard Convention Centre	01	2035.32	Maintained
7.	HARC Building	01	1854.00	Maintained
8.	Faculty of Pharmacy	01	2937.00	Maintained
9.	Unani Hospital	01	971.00	Maintained
10.	Central Library Building	01	2750.82	Maintained
11.	Well near Gate No. 6 (storm & road water)	01		Maintained
12.	CARPS Building	01	2016.00	Maintained
13.	HAHC Hospital	02	4522.00	Maintained
	Total wells	17 Nos.		Maintained

Part – B
Proposed Works:

- 1. Construction of a building for Hamdard Institute of Legal Studies and Research (HILSR).**
In view of the requirement of a separate building for HILSR, EOI was floated through Newspaper and University website for selection of Architects. After due procedure, the constituted Committee selected the Architect. Now, the Architect is working on the design, drawing and BOQ for both blocks as per approved Master Plan, 1999 upto permissible maximum height including basement. The site has already been approved in the Master Plan, 1999. Foundation Stone has also been laid by the Hon'ble Justice, Ms. Hima Kohli of Supreme Court of India on 17th March, 2023.
- 2. Construction of Super-Specialty Hospital named Hamdard Medicity at Jamia Hamdard Campus.**
The Funding Institution, **Hamdard National Foundation** has planned to construct a Super–Speciality Hospital near Gate no. 06 in the allocated area for Hospital in the approved Master Plan – 1999
The Committee constituted for the said work with co-ordination of HNF-HECA had called 33 reputed architects and Project Management Consultants. After due diligence and going through their profile and power-point presentations, the Chairman, on the recommendation of the Committee and M/s. KPMG, has selected the Architect for the Medicity Project and also for the Revised Master Plan of the Campus. M/s. Colliers International have been appointed as the PMC. Some other agencies/consultants have also been engaged for the work of liaising, environment clearance, survey etc. The expenses are totally being borne by the HNF-HECA. We hope to complete the whole project by 2025.
- 3. Construction of a Girls Hostel for 500 students**
A proposal in the prescribed format including DPR, estimate prepared by PMC and details of minority students studying in Jamia Hamdard has been submitted to the Ministry of Minority Affairs seeking grant of Rs. 38.72 cr. for the construction of 500 bedded hostel for Girl Students under Pradhan Mantri Jan Vikas Karyakram (PMJVK). The approval/response from the Ministry is awaited.
- 4. Construction of Incubation Centre**
The site of the left-over work of Dining Hall beside Scholars' House was selected for Construction of Incubation Centre. After due procedure, the Architect, M/s. Space Ace has been engaged @ 1.67% of the project cost. Now, the Architect is preparing design, drawing and BOQ for the same.
- 5. Extension of SCLS/Administrative Block**
To accommodate new courses along-with the courses of School of Management & Allied Health Sciences, the necessity of extension of SCLS Building was felt.
The work will be taken up only after checking of structural stability of the building. In this regard, School of Planning & Architecture, New Delhi has been approached. In response, SPA has submitted its technical & financial proposal. The scope of services i.e., rapid screening, mapping of seismic irregularities in the building, NST, structural analysis etc. are under perusal for further process.
- 6. Development of Auditorium of 400 seating capacity at 1st floor of Gymnasium Building**
There is a proposal to explore the feasibility to convert/develop the existing first floor of Gymnasium building into an auditorium of 400 seating capacity, equipped with all latest gadgets. Currently, the said building is having unfinished facilities of staircase, lift-well, office area, washrooms, pantry area with two big size halls facing towards Cricket ground. Total covered area of the said floor is about 800 sqm. The work will be taken-up after engagement of the Architect.

Centre for Teaching Support and Innovations

Director: Prof. Mymoona Akhter

1. Brief Introduction

Centre of Teaching Support and Innovation (CTSI) is a Centre established to provide and promote strategic academic leadership in learning, innovative teaching and curriculum development, rethinking pedagogy and innovation. CTSI mandated to facilitate learning communities that are inclusive and engage students as critical co-creators of their higher education experiencedeveloping a system for conscious, consistent, and catalytic strategy to improve the academic performance of the institution.

The broad objectives include:

- i. To provide strategic academic leadership in learning, teaching and curriculum development and innovation, ensuring that we are at the cutting edge of inspiring learning and teaching
- ii. To review, outline and recommend technology-enriched teaching pedagogy and schemes of holistic assessment appropriate for the curricular framework
- iii. To Enhance and integrate various activities of the institution and institutionalize good practices related to teaching-learning.
- iv. To act as a dynamic system for quality changes in the University.

2. Faculty Members on rolls:

Sl. No.	Name (in full) with Designation	Qualification
1.	Prof. Mymoona Akhter, Director, CTSI-JH	PhD, (Pharmaceutical Chemistry)
2.	Dr. Hinna Hamid, Dy. Director, CTSI-JH	PhD, (Chemistry)
3.	Dr. Sherin Zafar, Assistant Director (innovation initiatives)	PhD, (Computer Science)
4.	.Dr. Shazia Jilani, Assistant Director (student partnership)	M. D. (Moalijat)
5.	Dr. Mohd. Abdul Ahad, Assistant Director (learning technology initiatives)	PhD, (Computer Science)
6.	Dr. Jehirul Islam, Assistant Director (curriculum development)	LLM

3. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Centre(2022-2023)

Sl. No.	Topic/Theme	Period (From/To)	Sponsoring Society/ Association, if any	No. of participants
1.	Innovation Conclave (IC-2022)	November 17, 2022	Jamia Hamdard, New Delhi.	120

4. Invited Lectures/Talks (2022-2023)

Sl. No.	Name of the Speaker and Affiliation	Topic of the lecture/Talk	Date & Venue	Collaboration with external bodies/funding agencies, if any	Approximate number of participants attended
1.	Sh. Ajit Jaiswal, Consultant Gr-1, NCVET, Ministry of Skill Development and Entrepreneurship, Govt. of India.	Talk on "National Curriculum Framework (NCrF)"	22nd December, 2022, Convention Centre, JH	Jamia Hamdard	50

5. Co-curricular and extra-curricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	Dates	No. of participants	Name of the Student (in case of single student achievement)	Venue/Place
1.	Blue Planet sustainability fellowship organized by Delhi Effective Education and Pedagogy Cluster (DEEP-C) in collaboration with Singapore-based waste management group Blue Planet Environmental Solutions (BPES),	From Jan 2023 through April 2023	5	<ul style="list-style-type: none"> • Iqra Siddiqui • Ms Tasneem • Manisha • Mohd Amaan Saifi • Mujahidul Islam 	Delhi NCR

STUDENT ADMISSION DATA FOR THE AY : 2022-2023

School	Name of Course	Sanctioned Intake	No. of Candidates admitted
SPER	Diploma in Pharmacy (D. Pharm.)	60	59
	Bachelor of Pharmacy (B. Pharm.) (General)	60	60
	Bachelor of Pharmacy (B. Pharm.) (SFS)	60	60
	B. Pharm. (Lateral entry) (General)	11	11
	B. Pharm. (Lateral entry) (SFS)	8	8
	M Pharm Pharmaceutics	15	15
	M Pharm Pharmacology	15	15
	M Pharm Pharmaceutical Chemistry	10	10
	M Pharm Pharmacognosy	8	7
	M Pharm Pharmacy Practice	8	8
	M Pharm Pharmaceutical Quality Assurance	8	7
	M Pharm Pharmaceutical Analysis	8	6
	M Pharm Pharmaceutical Biotechnology	5	4
	SIST	B. Tech Food Technology	30
M. Tech. Food Technology		25	13
M. Sc. Nutrition and Dietetics		30	22
M.Sc. (Biomedical Sciences)		20	6
M.Sc. (Medical Virology)		20	10
SNSAH	Diploma in X-ray & ECG Techniques (DXE)	15	6
	Diploma in Operation Theatre Techniques (DOTT)	15	20
	Diploma in Dialysis Techniques (DDT)	15	10
	Diploma in Medical Record & Health Information Management (DMR&HIM)	15	4
	B.Sc. (Medical Laboratory Techniques)	60	57
	B.Sc. (Medical Imaging Technology)	40	47
	B.Sc. (Anaesthesia & Operation Theatre Techniques)	35	38
	B.Sc. (Emergency Trauma Care Management)	25	10
	Bachelor of Optometry	35	23
	B.Sc. (Medical Record & Health Information Management)	25	3
	B.Sc. (Cardiology Laboratory Techniques)	35	38
	B.Sc. (Dialysis Techniques)	30	19
	B.Sc. (Medical Laboratory Techniques) Lateral Entry	35	5
	B.Sc. (Medical Imaging Technology) Lateral Entry	15	5
	B.Sc. (Anaesthesia & Operation Theatre Techniques) Lateral Entry	10	2
	Bachelor of Optometry Lateral Entry	10	1
	B.Sc. (Dialysis Techniques) Lateral Entry	10	2
	M.Sc. Medical Lab Sciences	15	7
	M.Sc. Medical Radiology and Imaging Technology	20	18
	Master of Optometry	15	13
Bachelor of Physiotherapy (BPT)	50	50	

	Master of Physiotherapy (MPT)-Cardiology	5	5
	Master of Physiotherapy (MPT)-Musculoskeletal	6	6
	Master of Physiotherapy (MPT)-Neurology	5	5
	Master of Physiotherapy (MPT)-Sports	5	5
	Bachelor of Occupational Therapy (BOT)	50	35
	Master of Occupational Therapy (MOT) -Musculoskeletal	6	5
	Master of Occupational Therapy (MOT)-Paediatrics	6	6
	Diploma in General Nursing and Midwifery (DGNM)	70	70
	B.Sc. (Hons.) Nursing	60	63
	M.Sc. Medical Surgical Nursing	6	2
	M.Sc. Obstetrics & Gynaecological Nursing	6	4
	M.Sc. Mental Health Nursing (Psychiatry)	6	2
	M.Sc. Community Health Nursing	5	0
	M.Sc. Child Health Nursing (Paediatrics)	2	0
	Post Basic Nursing	30	22
SEST	B. Tech. Computer Science & Engineering-B.Tech (CSE)	240	238
	B.Tech. Electronics and Communication Engineering-(ECE)	60	18
	B.Tech. Computer Science and Engineering (Artificial Intelligence)	60	42
	Bachelor of Computer Application (BCA)	160	158
	Bachelor of Science (Hons) Computer Science (B.Sc (H))	20	16
	B.Tech. (CSE) Lateral Entry	24	29
	B.Tech. (ECE) Lateral Entry	6	5
	Master of Computer Applications (MCA)	60	61
	M.Sc. (Computational Biology & System Biology and Bioinformatics)	8	6
	M.Tech. (Computer Science & Engineering)- M.Tech. (CSE)	60	1
	M.Tech. (CSE) with Specialization in Data Science		7
	M. Tech. (CSE) with Specialization in Cyber Forensics & Information Security		3
SMBS	BBA (Bachelor of Business Administration)	200	216
	B.Com (Bachelor of Commerce)	60	59
	Master of Business Administration (MBA)	120	123
	MBA (Public Health Management/ Hospital Administration)	60	59
	MBA (Pharmaceutical Management)	60	61
	Bachelor of Hotel Management	50	37
CMMS	Bachelor of Arts in Journalism and Mass Communication	50	49
SHSS	B.A (Hons) Islamic Studies	35	36
	B.A. (Politics and Governance)	50	50
	M.A. Islamic Studies	20	17
	M.A. (Public Policy and Governance)	25	7
	M.A. (Human Rights)	25	16
	M.A. International Studies	15	4
HILSR	BA. LL.B (Bachelor of Arts and Bachelor of Law)	120	125

	LLM (Master of Laws) Constitution Law	20	6
	LLM (Master of Laws) Commercial Law	20	4
SUMER	Diploma in Unani Pharmacy	10	9
	Pre-Tib	5	5
	Diploma in Unani Pharmacy (Lateral Entry)	5	2
	BUMS (General)	30	22
	BUMS (SFS/NRI/Sponsd.)	20	25
	MD Ilmul Advia	3	3
	MD Moalijat	3	3
	MD (TST)	3	3
SCLS	B.Sc. (Hons. With Research) /B.Sc. (Hons.) Biochemistry	20	20
	B.Sc. (Hons. With Research) /B.Sc. (Hons.) Biotechnology	30	42
	B.Sc. (Hons. With Research) /B.Sc. (Hons.) Botany	20	5
	B.Sc. (Hons. With Research) /B.Sc. (Hons.) Chemistry	20	6
	B.Sc. (Hons. With Research) /B.Sc. (Hons.) Clinical Research	20	29
	B.Sc. (Hons. With Research) /B.Sc. (Hons.) Toxicology	20	16
	M.Sc. (Biochemistry)	30	18
	M.Sc. (Biotechnology) General	30	28
	M.Sc. (Biotechnology) SFS	20	13
	M.Sc. (Botany)	40	30
	M.Sc. (Chemistry)	40	20
	M.Sc. (Clinical Research)	30	24
	M.Sc. (Toxicology)	40	24
HIMSR	M. Sc. Medical Microbiology	8	5
	M. Sc. Medical Physiology	8	4
	M. Sc. Medical Biochemistry	8	5
	M. Sc. Medical Anatomy	6	0
	Master of Public Health	6	1
	MBBS (General/ Management/ NRI Quota)	150	150
	M.D. Pathology	3	3
	M.D. Community Medicine	3	2
	M.D. G. Medicine	4	4
	M.D. General Surgery	4	4
	M.D. Pharmacology	4	2
	MD/MS Anesthesia	4	4
	MD/MS Pediatrics	4	4
	MD/MS Obst. & Gynae	4	4
	MD/MS Orthopedics	3	3
	MD/MS Radio-Diagnosis	3	3
	MD/MS Oto-Rhino-Laryngology	2	3
	MD/MS Ophthalmology	3	2
		3488	2954

ENROLLED STUDENTS (SCHOOL/CENTRE-WISE)
(AS ON 31.03.2023)

SN	School / Centre	Male	Female	Total Enrolled Students
1	School of Pharmaceutical Education and Research (SPER)	516	361	877
2	School of Unani Medical Education and Research (SUMER)	105	131	236
3	School of Chemical and Life Sciences (SCLS)	180	526	706
4	School of Nursing Sciences and Allied Health (SNSAH)	749	1068	1817
5	School of Engineering Science and Technology (SEST)	1579	365	1944
6	School of Management and Business Studies (SMBS)	1009	540	1549
7	School of Humanities & Social Sciences (SHSS)	84	156	240
8	School of Interdisciplinary Sciences and Technology (SIST)	106	87	193
9	Centre for Media and Mass Communication Studies (CMMCS)	82	57	139
10	Hamdard Institute of Legal Studies and Research (HILSR)	318	228	546
11	Hamdard Institute of Medical Sciences and Research (HIMSR)	354	427	781
12	JH Kannur Campus, Kerala	498	560	1058
13	PhD	253	390	643
	Total =	5833	4896	10729

Centre for Distance and Online Education (CDOE):

➤ Students Enrolled in Distance Mode		680
➤ Students Enrolled in Online Mode	-	426
Total (Distance + Online)	≡	1106

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ANNUAL REPORT 2022-23



JAMIA HAMDARD

(Deemed to be University) Accredited in "A" Grade by NAAC
Rank 1st in Pharmacy, 2022 by NIRF, Govt. of India

