

# **JAMIA HAMDARD**

(Accredited by NAAC 'A' Grade Deemed to be University)



## **AGENDA**

**FOR**

**158<sup>TH</sup> MEETING OF THE STANDING COMMITTEE**

**OF**

**ACADEMIC COUNCIL**

**Date: 12<sup>th</sup> October, 2021 (Tuesday)**

**Time: 3.30 P.M.**

**Venue: Board Room (1<sup>st</sup> Floor), Administrative Building, Jamia Hamdard, Hamdard Nagar, New Delhi-110062**

**Members on the 158<sup>th</sup> meeting of the Standing Committee of the Academic Council to be held on 12/10/2021:**

1. Prof. M. Afshar Alam, Vice-Chancellor - Chairman
2. Prof. Y.K. Gupta,  
Former Professor & HoD, Pharmacology,  
AIIMS, Delhi - Member
3. Prof. Shakir Ali, Dean, S.C.L.S. - Member
4. Prof. S.M. Arif Zaidi, Dean, S.U.M.E.R. - Member
5. Prof. S. Mehartaj Begum, Dean, S.H.S.S. - Member
6. Prof. Farhan Jalees Ahmad, Dean, S.I.S.T. - Member
7. Prof. Shibu John, Dean, S.M.B.S. - Member
8. Prof. Vidhu Aeri, Dean, SPER - Member
9. Prof. Manju Chhugani, Dean, S.N.S. & A.H. - Member
10. Prof. Mridu Dudeja Dean, HIMSR - Member
11. Mr. Mirza Vazir Hussain, CoE - Permanent Invitee
12. Prof. Suhel Parvez,  
Chairman, Central Admission Committee - Permanent Invitee
13. Prof. S. Raisuddin, Director, IQAC - Permanent Invitee
14. Mr. S.S. Akhtar, Registrar - Secretary

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## AGENDA ITEMS

FOR

158<sup>th</sup> MEETING OF THE STANDING COMMITTEE OF ACADEMIC COUNCIL

OF

JAMIA HAMDARD

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**SC 157 (1): TO CONFIRM THE MINUTES OF 157<sup>TH</sup> MEETING OF THE STANDING COMMITTEE OF THE ACADEMIC COUNCIL HELD ON 27/07/2021.**

**Minutes of the 157<sup>th</sup> Standing Committee has been circulated to all the members and permanent invitees for perusal and their comments, if any.**

**The following comment has been received from Dean, SCLS:**

“As per the discussion in the meeting concerning item SC 157 (18), the name of the program was M.Sc. (Computational and Systems Biology and Bioinformatics).”

**If agreed, the following resolution may be adopted:**

“Resolved to confirm the Minutes of the 157<sup>th</sup> meeting of the Standing Committee of Academic Council held on 27/07/2021 with minor addition in the above Minutes under Item No. SC 147 (18) as suggested by one of the members and brought out in the agenda item”.

Secretary  
Standing Committee of AC

**JAMIA HAMDARD**  
(Deemed to be University)  
HAMDARD NAGAR, NEW DELHI-110062

**Minutes of the Meeting (MoM) of the 157<sup>th</sup> Standing Committee of the Academic Council held on 27/07/2021 at 3.00 P.M. in the Board Room, Vice-Chancellor's Office, Jamia Hamdard.**

1.	Prof. M. Afshar Alam, Vice-Chancellor	-	Chairman	
2.	Prof. Y.K. Gupta, Outside Expert	-	Member	- Attended online
3.	Prof. Shakir Ali, Dean, S.C.L.S.	-	Member	
4.	Prof. Vidhu Aeri, Dean, S.P.E.R.	-	Member	
5.	Prof. S.M. Arif Zaidi, Dean, S.U.M.E.R.	-	Member	
6.	Prof. Farhan Jalees Ahmade, Dean, S.I.S.T.	-	Member	
7.	Prof. Manju Chhugani, Dean, S.N.S.A.H.	-	Member	
8.	Prof. S. Mehartaj Begum, Dean, S.H.S.S.	-	Member	
9.	Prof. Shibu John, Dean, S.M.B.S.	-	Member	
10.	Mr. S.M. Khan, Dean, S.M.M.C.	-	Member	
11.	Mr. Mirza Wazir Hussain, CoE	-	Permanent Invitee	
12.	Prof. S. Raisuddin, Director, IQAC	-	Permanent Invitee	
13.	Prof. Suhel Parvez, Chairman, CACC	-	Permanent Invitee	
14.	Prof. M. Sarwar Alam, Proctor	-	Special Invitee	
15.	Prof. Reshma Nasreen, DSW	-	Special Invitee	
16.	Mr. S.S. Akhtar, Registrar	-	Secretary	

The meeting started with recitation from the Holy Quran by Syed Irfanul Haque.

The Chairman welcomed all the members including Prof. Y.K. Gupta, External Member and briefed the members that our priority is to focus on the NIRF Ranking, NAAC, I.o.E. status to JH etc.. He, further informed on the ongoing development made in respect of enhancement of maintenance grants for JH from the MoE / UGC.

After that the Chairman requested the Secretary to start the proceeding of the meeting. The Secretary thanked the chairman and started the proceeding of the house by taking agenda item one by one as below:

**SC 157 (1): TO CONFIRM THE MINUTES OF 156<sup>TH</sup> STANDING COMMITTEE OF THE ACADEMIC COUNCIL HELD ON 1/06/2021.**

Since the Minutes of the 156<sup>th</sup> Standing Committee circulated to all the members and no comments received, the SC resolved to confirm the Minutes of the 156<sup>th</sup> meeting of the Standing Committee of Academic Council held on 1/06/2021.

**SC 157 (2): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF BOTANY, SCLS HELD ON 05/07/2021.**

Prof. Shakir Ali, Dean, SCLS suggested that the BoS in the Minutes has mentioned 'Dual Degree Programme – Botany' that is not in conformity of the approved nomenclature of the course, so it may be removed / replaced as 'Integrated programme with exit option after completion of B.Sc.'



Dr. Afshar Alam



The SC accepted this suggestion and resolved to approve the Minutes of the meeting of the Board of Studies, Department of Botany, SCLS held on 5/07/2021"

**SC 157 (3): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF MOLECULAR MEDICINE, SIST HELD ON 23/07/2021.**

The House discussed the recommendations / proposals of the BoS as under:

- Prof. Mridu Dudeja, Dean, HIMSR appreciated the progress made in respect of introduction of M.Sc. Medical Virology Programme from the academic year 2021-2022 and told that there would be overwhelming response from the students as this is the need of the time. She, further, assured all possible support from HIMSR (Microbiology Deptt. / Labs) and HAHC Hospital, in future, if required during running this programme.
- Prof. Y.K. Gupta, Former HoD, Pharmacology, AIIMS, Delhi and external member in the SC informed the house that the next 20 years the subject / area of medical virology will be in the centre stage of all life sciences courses, hence, he lauded the whole team for initiating to start this course and suggested to focus on three very important things i.e. syllabus, training and Lab, to make this course more viable in global scenario.
- Prof. Gupta, further, suggested that currently there is an opportunity to work on having agreement / tie up with the Bharat Biotech and other companies / organizations working on vaccines (specially for COVID-19 Pandemic)
- The Chairman suggested for constitution of a Advisory Board for Medical Virology Programme with some Senior Professors including Prof. Y.K. Gupta and requested the HoD, Molecular Medicine to work with HIMSR on the joint research proposal to be submitted SERB-DST for funding. He also suggested that a team consisting of Prof. Farhan J. Ahmed, Dean, SIST, Dr. A. Silvapandian, HoD, Molecular Medicine and Dr. Mairaj Ahmed Ansari, Department of Biotechnology (Dean, SIST will be Coordinator and Dr. Mairaj Ahmed Ansari as a Co-coordinator) to prepare draft MoU with the companies working on virology and vaccines.
- The Chairman was of the view that intake should be 20 (with emphasis on NRI/IS & FNs)

The House accepted the above suggestions and authorized the Vice-Chancellor to take action in this regard.

The SC resolved to approve the Minutes of the meeting of the Board of Studies, Department of Molecular Medicine, S.I.S.T. held on 23/07/2021"

**SC 157 (4): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES IN THE RUFIDA COLLEGE OF NURSING UNDER SCHOOL OF NURSING SCIENCES & ALLIED HEALTH HELD ON 17/06/2021.**



Dr. Farhan J. Ahmed

Ms. Veena Sharma, Principal, RCN was present in the house to brief the members on the issues in the meeting.

The SC resolved to approve the Minutes of the meeting of the Board of Studies in the Rufaida College of Nursing held on 17/06/2021.

SC 157 (5): TO DISCUSS THE PROPOSAL OF DEAN, SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH (SNSAH) REGARDING INTRODUCTION OF CERTIFICATE COURSE OF GERIATRIC CARE ASSISTANT AND NURSING ASSISTANT IN COLLABORATION WITH BUSINESS AND EMPLOYMENT BUREAU (BEB).

The house deliberated the proposal of the Dean, SNS&AH to start two certificate programmes in nursing. Dean, SNS&AH has briefed the house It has been very success in US and Europe, but, now in India the demand of Geriatric Care Assistant is increasing and this is the need of hours, therefore, the SNS&AH has initiated to start this programme in joint collaboration with Business and Employment Bureau (BEB) to train Geriatric Care and Nursing Assistant targeting jobs in the market. Moreover, there is no need to take any permission from the INC or Delhi Nursing Council to run these programmes.

The Chairman was of the view that instead of 3 months, the Geriatric Care Assistant Programme may be of 6 months so as to fall in line with the guidelines of the UGC's Vocational courses / programmes as we are planning to start skilled based some courses under vocational programmes.

The House suggested that instead of mentioning "Medically fit" mention "He/she should be medically fit to carry this programme".

After discussion, the SC resolved to approve the proposal of Dean, SNS&AH to offer two certificate programmes in joint collaboration with BEB from the academic session 2021-2022 as mentioned below:

**GERIATRIC CARE ASSISTANT PROGRAMME:**

- 6 Months Full Time (Regular) Program
- Intake – 30 or may be increased depending on the number of applicants decided by the competent authority.
- Eligibility Criteria:  
Passed 10<sup>th</sup> Examination or Equivalent from a recognized board.

Or

- Auxiliary Nurse Midwifery Certificate from INC recognized school of Nursing.
- Commencement of Program: Thrice in a year.
- Fees: INR 6000/-

**CERTIFICATE COURSE OF NURSING ASSISTANT PROGRAM:**

- 6 Months Full Time (Regular) Program (In collaboration with BEB)

Dr. A/B has 11/22

- Intake – 30 or may be increased depending on the number of applicants decided by the competent authority.
- Eligibility:
  - Have passed Matriculation / 10<sup>th</sup> Examination
  - Age limit – 17 to 45 years
  - Have ability to communicate in Hindi and basic English
  - He/she should be medically fit to carry this programme.
- Commencement of Program: August and February every academic year.
- Fees: INR 10,000/- + INR 5000/- Security Deposit (Refundable)

However, the certificate shall be issued by the Jamia Hamdard without mentioning BEB.

The SC, further suggested the Dean, SNS&AH to modify and restructure the syllabus of Geriatric Care Programme as the course will be 6 months duration instead of three.

**SC 157 (6): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF TAHAFFUZI-WA-SAMAJI TIBB, SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH (SUMER) HELD ON 31/05/2021.**

Dean, SUMER has informed the house that introduction of PhD programme in the subjects of Unani Medicine was discussed in the School Board and the BoS.

The house was of the opinion that PhD guide should be Professor having PhD degree with one or two Co-guides. It was also suggested that we should follow the pattern of JMI, AMU and DU for offering PhD in Unani Medicine.

"After discussion, the SC resolved to approve the introduction of PhD programme in Tahaffuzi-wa-Samaji Tibb as recommended by the BoS provided that the same be offered in conformity with the norms, guidelines of the UGC, AYUSH / CCIM."

**SC 157 (7): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF BIOCHEMISTRY, SCHOOL OF CHEMICAL AND LIFE SCIENCES (SCLS) HELD ON 26/03/2021 AND 5/07/2021.**

Prof. Rana Zaid, HoD, Biochemistry was present to brief the house on the issues resolved in the both BoS meetings.

The Chairman suggested to add 'Research Ethics' in the paper of Research Methodology in the B.Sc. (Biochemistry) programme.

The SC noted the above suggestion and resolved to approve the minutes of the Board of Studies, Department of Biochemistry, SCLS held on 26/03/2021 and 5/07/2021.

Dr. Rana Zaid

SC 157 (8): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF CHEMISTRY, SCHOOL OF CHEMICAL AND LIFE SCIENCES (SCLS) HELD ON 01/05/2021.

The SC resolved to approve the Minutes of the Board of Studies, Department of Chemistry, SCLS held on 01/05/2021.

SC 157 (9): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR), SCHOOL OF LAW HELD ON 19/06/2021.

Dean, HILSR briefed the house on the syllabus of BA-LLB VII Semester as recommended by the BoS.

The SC, after discussion, resolved to approve the Minutes of the Board of Studies, HILSR held on 19/06/2021.

SC 157 (10): TO REPORT THE ACTION TAKEN BY THE VICE-CHANCELLOR IN RESPECT OF GRANTING FEE CONCESSION TO FOREIGN STUDENTS BELONGING FROM SAARC COUNTRIES AND OTHER WAR TORNED NATIONS.

The SC discussed this proposal in details. The Chairman informed the house that due to COVID-19 Pandemic and global economic slowdown, number of students from abroad is on decline. In view to get more NIRs and FNs admitted, mostly in the courses where seats are remain vacant, we have tie up with 56 Schools situated across GCC Countries through Dubai based consultant firm.

He further, informed that due to various genuine reasons, a decision has been taken to grant 50% discount in total course fee to the students belonging from the following countries:

- Students from the SAARC countries.
- Students from Tibet nationality
- Students from Yemen
- Students from Libya

The Chairman was also of the view that the same discount may also be given to the students belonging from Iraq and Iran.

The SC, while, noting and confirming the above action taken by the Vice-Chancellor, also resolved to approve the fee discount up to 50% in total course fee for Iranian and Iraqi students from coming academic year 2021-2022. Further, it was suggested that letters may be sent to the Ambassador of Iran and Iraq in India intimating them regarding this decision.

Dr. Afshan CA/12

SC 157 (11): TO REPORT THE ACTION TAKEN BY THE VICE-CHANCELLOR IN RESPECT OF GRANTING PERMISSION FOR WAIVING OFF THREE MONTHS PERIOD IN THE DURATION OF ONE YEAR INTERNSHIP FOR THE STUDENTS ENROLLED IN THE DEPARTMENT OF PARA MEDICAL SCIENCES.

The SC noted and confirmed the action taken by the Vice-Chancellor in respect of granting permission for waiving off three months period in the duration of one year internship for the students enrolled in the Department of Para Medical Sciences as brought out in the agenda as a very special case.

SC 157 (12): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF BIOTECHNOLOGY, SCLS HELD ON 9/07/2021.

The SC resoled to approve the Minutes of the Board of Studies, Department of Biotechnology, SCLS held on 9/07/2021.

SC 157 (13): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH, SCLS HELD ON 17/07/2021.

The SC resolved to approve the Minutes of the Board of Studies, Centre for Translational and Clinical Research, SCLS held on 17/07/2021.

SC 157 (14): TO CONSIDER THE REMOVAL OF WEEKEND PROGRAMME / PART TIME PROGRAMME FROM THE M.TECH. (CS) DEGREE.

The SC discussed the request of Mr. Ahmad Talha Siddiqui regarding re-issue of his M.Tech. (CS) degree without mentioning Weekend Programme. After discussion, it was resolved to accept this request now and in future, if such request comes, however, fee of Rs. 5000/- (Five thousand only) will be charged for reissuing the same.

SC 157 (15): TO CONSIDER THE REQUEST OF TWO M.PHARM STUDENTS (FOREIGN NATIONALS) FOR ALLOWING THEM TO APPEAR IN VIVA VOCE EXAMINATION AND CLEARING, LATER ON, THE BACKLOG PAPER WITH THEIR JUNIORS.

The SC resolved to approve the request as brought out in the agenda as a onetime issue without making any precedence in future.

SC 157 (16): TO CONSIDER THE PROPOSAL RECEIVED FROM COL RAJ KUMAR, SC, ADM. OFFICER REGARDING INCLUSION OF NCC AS A GENERAL ELECTIVE CREDIT COURSE AT JAMIA HAMDARD

The house deliberated this proposal in detail and appreciated the Chairman for coming with one of the emerging ideas to include the NCC as general elective credit course based on CBCS.

The Chairman informed the house that we should opt CBCS for NAAC as one elective subject with 2 credits or as in conformity with the UGC guidelines and if we start NCC as elective course, Jamia Hamdard would become first university in Delhi-NCR for introducing the same. Further, he informed that efforts are being taken to have NCC Female Brigade also at Jamia Hamdard with Male. The HoD concerned may coordinate with the 17 NCC Battalion.

After deliberations, the SC resolved to approve the proposal of Col Raj Kumar, SC, Adm Officer, NCC Gp HQ Delhi 'C' to introduce NCC as a general elective credit course and further liaisons and communications to have NCC Female Brigade at Jamia Hamdard.

Further, SC resolved to constitute the following committee for recommending and implementing the proposal as approved above and brought out in the agenda:

- |                                          |   |          |
|------------------------------------------|---|----------|
| 1. Prof. M. Sarwar Alam, Proctor         | - | Chairman |
| 2. Prof. Farhan J. Ahmad, Dean, S.I.S.T. | - | Member   |
| 3. Prof. Vidhu Aeri, Dean, S.P.E.R.      | - | Member   |
| 4. Prof. Shibu John, Dean, S.M.B.S.      | - | Member   |
| 5. Prof. Reshma Nasreen, DSW             | - | Convener |

**SC 157 (17): TO DISCUSS THE UGC GUIDELINES ON EXAMINATIONS AND ACADEMIC CALENDAR IN VIEW OF THE COVID-19 PANDEMIC.**

The Chairman informed the house that the University is strictly following all COVID-19 guidelines notified by the governing councils including the UGC from time to time in respect of conduct of classes, examinations and other academic activities. After receiving the above guidelines of the UGC, a meeting of all Deans, Registrar, Controller of Examinations was held under the chairmanship of Vice-Chancellor on 20<sup>th</sup> July 2021. Minutes of the meeting was also attached along with agenda item for kind perusal of the members.

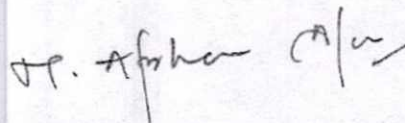
Dean, SUMER requested for granting permission to allow 3<sup>rd</sup> and Final Year students for practical training at Majeedia Unani Hospitals, whereas, the students will be divided in 3-4 batches to restrict the gathering.

The SC agreed on the request of Dean, SUMER provided that the COVID safety norms are not violated. Further, he was advised to follow the action taken or is being taken by the HIMSR in this regard.

"The SC, after detailed deliberations, resolved to adopt the UGC guidelines on examinations and academic calendar as brought out in the agenda.

Further resolved that portal will continue open for online admission forms for UG programmes and admissions in B.Pharm. and B.Sc. (H) Nursing will be based on the score of NEET. If seats are remain vacant, then non-NEET candidates may also be considered for admission in these two courses."

**SC 157 (18): TO PERUSE THE RECOMMENDATIONS OF THE COMMITTEE IN ITS MEETING HELD ON 14/07/2021 TO DISCUSS THE ISSUES REGARDING STARTING OF M.Sc. BIOINFORMATICS AND M.Sc. VIROLOGY**

**PROGRAMMES IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND THE DEPARTMENT OF MOLECULAR MEDICINE RESPECTIVELY.**

The SC perused the recommendations of the Committee regarding starting of M.Sc. Bioinformatics and M.Sc. Medical Virology programmes in the Department of Computer Science and Engineering and Department of Molecular Medicine respectively and authorized the Vice-Chancellor to take further action in this regard.

**SC 157 (19): TO START A COURSE IN M.A. IN PUBLIC POLICY AND GOVERNANCE WITH AN INTAKE OF 25 STUDENTS.**

The Chairman informed the house that the 40<sup>th</sup> AC and the BoM had already approved this course, but due to less applications received, it was not started during the academic session 2020-2021.

The SC resolved to start M.A. in Public Policy and Governance programme with a minimum intake of 20 from the academic year 2021-2022 in the Centre for Federal Studies as brought out in the agenda.

**SC 157 (20): TO START A COURSE IN M.A. IN INTERNATIONAL STUDIES.**

The Chairman briefed the house on the proposal of Mr. Tarmeez Ahmed, Former Ambassador of India to Saudi Arabia to start 2 Years full time M.A. in International Studies, initially with intake of 20. The program is proposed to be offered in the Hamdard Institute of International Studies, Jamia Hamdard with the support of the HNF-HECA.

The house appreciated this proposal and hoped that this programme will be more in demand for diplomats, bureaucrats and foreign nationals.

The SC resolved to approve this proposal, in principle, to start 2 Years full time M.A. in International Studies as brought out in the agenda item initially with intake of 20 in the Hamdard Institute of International Studies from the academic year 2021-2022 subject to approval of the FC and the BoM.

**SC 157 (21): TO CREATE A DEPARTMENT FOR HUMANITIES AND APPLIED SCIENCES IN THE SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY AS PER THE AICTE REQUIREMENT.**

The SC resolved to approve, in principle, the creation of Department of Humanities and Applied Sciences in the School of Engineering Sciences and Technology (SEST) as brought out in the agenda subject to the approval of the P&MB, FC and the BoM.

Further resolved to set up a Career and Counseling Cell in the Department of Humanities and Applied Sciences as it is one of the requirements of the NAAC.

**SC 157 (22): TO CREATE A POST FOR THE ASSISTANT PROFESSOR (ENGLISH), ASSISTANT PROFESSOR (PHYSICS) AND ASSISTANT PROFESSOR**

Dr. Ahsan 2/2

(MATHS) FOR THE DEPARTMENT OF APPLIED SCIENCES OUT OF THE POSTS SANCTIONED IN THE SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY.

The SC resolved to approve, in principle, to create a position of Assistant Professor in the subjects of English, Physics, Maths and also Chemistry as proposed and discussed subject to approval of the FC and the BoM.

**ANY OTHER ITEMS:**

**SC 157 (23): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF PARA MEDICAL SCIENCES, SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH HELD ON 26/07/2021.**

The SC resolved to approve the Minutes of the meeting of the Board of Studies, Department of Para Medical Sciences dated 26/07/2021, whereas, along with other issues the SC also granted one time approval in favour of 14 students of all specialties who crossed their span period as a onetime mercy chance to clear the papers.

**SC 157 (24): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF MEDICAL ELEMENTOLOGY AND TOXICOLOGY HELD ON 17/7/2021.**

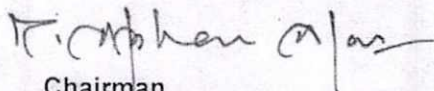
The SC resolved to approve the Minutes of the meeting of the Board of Studies, Department of Medical Elementology and Toxicology, SCLS.

**SC 157 (25): TO CONSIDER THE DCPT&OT GUIDELINES FOR CONDUCT OF EXAMINATIONS FOR THE ACADEMIC SESSION 2020-2021**

The SC discussed the matter brought out by the HoD, Rehabilitation Sciences who informed the house that the DCPT&OT guidelines directed all the institutions within the NCT of Delhi to conduct the Physiotherapy and Occupational Therapy programs of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & Final Year BPT and BOT students and 1<sup>st</sup> and 2<sup>nd</sup> year MPT and MOT students through conventional mode.

The SC noted the same and resolved to conduct the examinations as per the DCPT&OT guidelines.

The meeting ended with a vote of thanks.

  
Chairman  
Standing Committee of AC

  
Secretary  
Standing Committee of AC



On Fri, Aug 6, 2021 at 12:26 PM Fariduddin . <fariduddin@jamiahamdard.ac.in> wrote:  
[Quoted text hidden]

--

## Dr. Vidhu Aeri

**DEAN, School of Pharmaceutical Education & Research**

Professor of Pharmacognosy & Phytochemistry

JAMIA HAMDARD

New Delhi - 110062

+91 11 26059688, Ext: 5600

+91 9873496942

**Shakir Ali, Professor** <sali@jamiahamdard.ac.in>  
To: "Fariduddin ." <fariduddin@jamiahamdard.ac.in>

Fri, Aug 6, 2021 at 4:28 PM

Thanks, but as per the discussion in the meeting concerning item SC157 (18), the name of the program was MSc (Computational and Systems Biology and Bioinformatics). It has also been advertised accordingly.

On Fri, Aug 6, 2021 at 12:26 PM Fariduddin . <fariduddin@jamiahamdard.ac.in> wrote:  
[Quoted text hidden]

**ykykgupta@gmail.com** <yk.ykgupta@gmail.com>  
Reply-To: yk.ykgupta@gmail.com  
To: "Fariduddin ." <fariduddin@jamiahamdard.ac.in>

Fri, Aug 6, 2021 at 10:37 PM

Cc: "A. Alam" <aalam@jamiahamdard.ac.in>, Vice Chancellor <vc@jamiahamdard.ac.in>, "Shakir Ali, Professor" <sali@jamiahamdard.ac.in>, "F. J. Ahmad" <fjahmad@jamiahamdard.ac.in>, Vidhu Aeri <vaeri@jamiahamdard.ac.in>, "Dr. S.M.Arif Zaidi" <smazaidi@jamiahamdard.ac.in>, Director Jamia Hamdard\_Kanur Campus <shibu.john14@gmail.com>, "M. Chhugani" <mchhugani@jamiahamdard.ac.in>, "Prof. Mridu Dudeja" <dean@himsr.co.in>, S M Khan <smkhan.dg@gmail.com>, Syed Mehartaj <smtaj@jamiahamdard.ac.in>, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, S Raisuddin <sraisuddin@jamiahamdard.ac.in>, "Dr.Suhel Parvez" <sparvez@jamiahamdard.ac.in>, Mirza Vazir Hussain <mvhussain@jamiahamdard.ac.in>, "Prof Dr. Reshma Nasreen" <drreshmanasreen@jamiahamdard.ac.in>, F O Jamia Hamdard <fo@jamiahamdard.ac.in>, Syed Saud Akhtar <ssakhtar@jamiahamdard.ac.in>, Registrar Jamia Hamdard <registrar@jamiahamdard.ac.in>, secretary to vc <secretarytovc@jamiahamdard.ac.in>, Tarvinder Khurana <tkhurana@jamiahamdard.ac.in>

thanks .Noted  
regards

### YK GUPTA

Professor Y.K.Gupta, M.D., FAMS, FNASc, FIPS, FIAN, FST, FIACS, FAEB

Principal Advisor India Strategy Development – GARDP

President, AIIMS -Bhopal and President AIIMS, Jammu

Chairman, Board of Directors ,BIBCOI, DBT,GOI

Member, General Body and Governing Body, National Dope Testing Lab, GOI

Member Governing Body National Institute of Immunology, DBT ,GOI

Member Governing Body, Regional Institute of Biotechnology ,DBT,GOI

Former Dean (Academics), and Head ,Department of Pharmacology, AIIMS ,New Delhi

Vice Chairman, Standing National Committee on Medicines & Health Care Products, GOI

Chairman, National GLP Technical Committee, DST, GOI

Member, National Committee for International Science Council Union -INSA

Former Director CSIR- IITR, Lucknow

President, National Society of Alternatives to Animals

National Scientific Co-ordinator, Pharmacovigilance Program of India (PVPI)

Convener, India Initiative Programme, Indian Pharmacological Society (IPS)

Founder President, Indian Society of Nanomedicine

Former President ,Indian Pharmacological Society

yk.ykgupta@gmail.com

9868868457



12

Fariduddin . &lt;fariduddin@jamiahamdard.ac.in&gt;

## Minutes of the 157 of SC of AC - reg.

5 messages

Fariduddin . <fariduddin@jamiahamdard.ac.in> Fri, Aug 6, 2021 at 12:25 PM  
 To: "A. Alam" <aalam@jamiahamdard.ac.in>, Vice Chancellor <vc@jamiahamdard.ac.in>, yk.ykgupta@gmail.com, "Shakir Ali, Professor" <sali@jamiahamdard.ac.in>, "F. J. Ahmad" <fahmad@jamiahamdard.ac.in>, Vidhu Aeri <vaeri@jamiahamdard.ac.in>, "Dr. S.M.Arif Zaidi" <smazaidi@jamiahamdard.ac.in>, Director Jamia Hamdard\_Kanuur Campus <shibu.john14@gmail.com>, "M. Chhugani" <mchhugani@jamiahamdard.ac.in>, "Prof. Mridu Dudeja" <dean@himsr.co.in>, S M Khan <smkhan.dg@gmail.com>, Syed Mehertaj <smtaj@jamiahamdard.ac.in>, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, S Raisuddin <sraisuddin@jamiahamdard.ac.in>, "Dr.Suhel Parvez" <sparvez@jamiahamdard.ac.in>, Mirza Vazir Hussain <mvhussain@jamiahamdard.ac.in>, "Prof Dr. Reshma Nasreen" <drreshmanasreen@jamiahamdard.ac.in>, F O Jamia Hamdard <fo@jamiahamdard.ac.in>, Syed Saud Akhtar <ssakhtar@jamiahamdard.ac.in>  
 Cc: Registrar Jamia Hamdard <registrar@jamiahamdard.ac.in>, secretary to vc <secretarytovc@jamiahamdard.ac.in>, Tarvinder Khurana <tkhurana@jamiahamdard.ac.in>


Respected Sir / Madam,

As directed, kindly find attached herewith scanned copy of Minutes of the 157 meeting of Standing Committee of Academic Council held on 27/07/2021 for kind perusal and comment(s), if any.

Thanking you,

Yours faithfully,

(Fariduddin)  
 Registrar's Secretariat

 Minutes of 157 SC of AC held on 27-07-2021.pdf  
 2630K

S Raisuddin <sraisuddin@jamiahamdard.ac.in> Fri, Aug 6, 2021 at 12:58 PM  
 To: "Fariduddin ." <fariduddin@jamiahamdard.ac.in>, Arshad Ahmad <arshad@jamiahamdard.ac.in>

Thank you...

-----  
 Prof. S. Raisuddin, PhD  
 Commonwealth Fellow of British Council (UK), FST (India), FAEB (India), Brain Pool Fellow (South Korea)  
 Professor & Head, Department of Medical Elementology & Toxicology  
 Section Editor, Drug & Chemical Toxicology (Taylor & Francis)  
 JAMIA HAMDARD (A Deemed to be University)  
 New Delhi - 110062, India  
 +91 11 26059688

[Quoted text hidden]

Vidhu Aeri <vaeri@jamiahamdard.ac.in> Fri, Aug 6, 2021 at 1:27 PM  
 To: "Fariduddin ." <fariduddin@jamiahamdard.ac.in>

Kindly refer to : SC 157 (15);  
 In addition to the permission granted to two M Pharm students, the file was also placed for  
**Subject: Special M Pham Exam of backlog papers** as a reporting agenda  
 The said file was sent to the Registrar's office on 26 July, 2021 after approval from Honorable VC.  
 You are requested to include the same.

Thanks

SC 158 (2): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF BOTANY, SCHOOL OF CHEMICAL AND LIFE SCIENCES (SCLS) HELD ON 24/08/2021.

A meeting of the Board of Studies, Department of Botany, SCLS was held on 24/08/2021, wherein, the BoS discussed and resolved the following matters:

- Revision of Syllabus of M.Sc. Botany and B.Sc.-M.Sc. Dual Degree Programme-Botany.
- Implementation of Credit Transfer system through SYAWAM / NPTEL based MOOCs in the revised SYLLABI.
- Proposed Panel of Subject Experts:

The BoS approved the proposed panel of subject experts in Botany / Plant Sciences / Crop Sciences / Agricultural Sciences with the consent of house.

The Minutes of the Board of Studies, Department of Botany held on 24/08/2021 is placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

for SCAE  
28/08

**Department of Botany  
School of Chemical & Life Sciences  
JAMIA HAMDARD, NEW DELHI**

JH/SCLS/Bot./BOS/3/2021

25.08.2021

**MINUTES OF THE MEETING OF BOARD OF STUDIES IN BOTANY HELD ON  
AUGUST 24, 2021**

A meeting of the Board of Studies (Botany) was held on August 24, 2021 (ONLINE) at 3:00 p.m. The following members were present for the meeting virtually.

- |    |                           |                   |
|----|---------------------------|-------------------|
| 1. | Dr. Manoj Prasad          | (Co-opted Member) |
| 2. | Prof. Indranil Dasgupta   | (Co-opted Member) |
| 3. | Prof. Shahid Umar         | (Chairman)        |
| 4. | Dr. A. Mujib              | (Member)          |
| 5. | Dr. Md Salik Noorani Khan | (Member)          |
| 6. | Dr. Mohd Ashraf Ashfaq    | (Member)          |
| 7. | Dr. Md Iqbal Raja Khan    | (Special Invitee) |

Prof. Shahid Umar greeted and welcomed the experts and members of the BoS, Department of Botany. He also thanked members of the committee reviewing/revising the syllabi of B.Sc. & M.Sc. Botany course. The following agenda items have been discussed.

**CONFIRMATION OF MINUTES**

Minutes of the previous BoS meeting (held on July 05, 2021) were confirmed with the consent of the House.

**REVISION OF SYLLABI OF M.Sc. BOTANY AND B.Sc.-M.Sc. DUAL DEGREE PROGRAMME-BOTANY**

After due deliberations, the changes proposed in the syllabi of B.Sc.-M.Sc. Dual degree programme-Botany and M.Sc. Botany programme have been approved (in alignment with CBCS and credit transfer system through SWAYAM/NPTEL based MOOCs) and will be implemented from the academic session (2021-22) onwards. The modified version of the syllabi is given in Annexure I (BSc) & Annexure II (MSc).

**IMPLEMENTATION OF CREDIT TRANSFER SYSTEM THROUGH SWAYAM/NPTEL BASED MOOCs IN THE REVISED SYLLABI**

The Chairman informed the house for implementation of CTS through SWAYAM/NPTEL based MOOCs in the revised syllabi of PG and UG courses. The house considered and approved with the following:

Manoj Prasad

Indri Dasgupta

S Umar

Salik

Ashraf

Shahid Umar

Arif

AR (Academic)

- Grant of flexibility to exercise the option of choosing the relevant courses offered through SWAYAM/NPTEL based MOOCs on a semester-wise basis, irrespective of the courses listed in the syllabi. This is because a single course may not be repeatedly offered through SWAYAM/NPTEL based MOOCs. Accordingly, the Head, Department of Botany and the Dean, SCLS may be authorized to convey any change in selection of a particular course of a particular semester.
- Grant of flexibility to exercise the option of choosing and substituting a listed course in the syllabi with a MOOC (offered by SWAYAM/NPTEL), irrespective of its title (as listed in the syllabi). There can be variations in terms of the title of the course ((offered by SWAYAM/NPTEL at a particular time), but the course content is relevant (as drafted in the syllabus of the listed course).

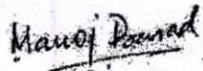
Dr. Manoj Prasad and Prof. Indranil Dasgupta opined that department of Botany should implement credit transfer system in the revised syllabi of UG and PG courses in Botany through SWAYAM/NPTEL based MOOCs subject to implementation of the same by other departments of SCLS, Jamia Hamdard. This is to ensure a uniform code of curricula across the disciplines. The members of the BoS agreed to it.

Both the Co-opted members of BoS agreed to the grant of flexibility to the members of the BoS in choosing and deciding on including a particular course in the syllabi subject to its availability in a given semester.

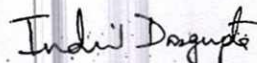
### PROPOSED PANEL OF SUBJECT EXPERTS

Discussed and approved the proposed panel of subject experts in botany/plant sciences/crop sciences/agricultural sciences with the consent of house.

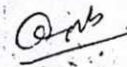
The meeting ended with a vote of thanks.




(Dr. Manoj Prasad)  
Co-opted Member



(Prof. Indranil Dasgupta)  
Co-opted Member



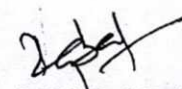
(Dr. A. Mujib)  
Member



(Dr. Md Salik Noorani Khan)  
Member



(Dr. Mohd Ashraf Ashfaq)  
Member



(Dr. Md Iqbal Raja Khan)  
Special Invitee



(Prof. Shahid Umar)  
Chairman, Board of Studies &  
Head, Department of Botany

**SC 158 (3): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF BIOCHEMISTRY, SCLS HELD ON 26/08/2021.**

A meeting of the Board of Studies, Department of Biochemistry, SCLS was held on 26/08/2021, wherein, the BoS discussed and authorized the HoD to finalize the names of external examiners in consultation with Senior Professors for the upcoming examinations to be held in December, 2021.

The Minutes of the Board of Studies, Department of Botany held on 26/08/2021 is placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

Department of Biochemistry, SCLS  
Minutes of the BoS  
Dated 26 August 2021

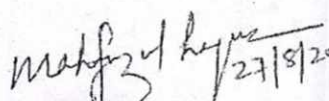
A meeting of the BoS was held on the 26 August 2021, in the online mode at 10.30 am in the Department of Biochemistry through Google Meet to finalise the panel of subject experts for Biochemistry.


One of the external member BoS, Prof. N. Janardhana Raju was unavailable since he is in Germany. Dr. Farah Khan could not attend the meeting as she was on leave. Esteemed Colleagues of the department shared a list which was finalised by the HoD.

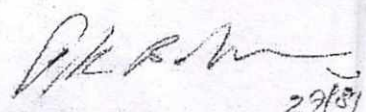
Following members were present

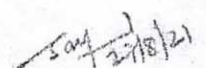
Prof. M Mahfuzul Haque	External Member
Prof. Shakir Ali	Internal Member
Prof. J.K. Batra	Internal Member
Dr. Sayeed ur Rehman A Kalam	Internal Member
Dr. Mohan Kamthan	Internal Member
Prof. Rana Zaidi	Chairperson & HoD

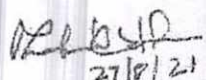
Members of the BoS authorised the HoD in consultation with Senior Professors to finalise the names of external examiners for the upcoming examinations in December 2021. Prof. Shakir Ali suggested the formation of a committee for Academic Banking of Credits (ABC). The department of Biochemistry already has a committee comprising of Prof. JK Batra and Dr. Vikas Sood which is formulating the implementation criteria for MOOCs. the same committee will look into the Academic Banking of Credits also.

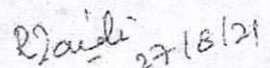
  
Prof. Mahfuzul Haque

  
Prof. Shakir Ali

  
Prof. JK Batra

  
Dr. Sayeed ur Rehman A Kalam

  
Dr. Mohan Kamthan

  
Prof. Rana Zaidi

file BOS.

SC 158 (4): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF CHEMISTRY, SCLS HELD ON 19<sup>TH</sup> JULY, 2021.

A meeting of the Board of Studies, Department of Chemistry, SCLS was held on 19/07/2021, wherein, the BoS discussed academic issues and resolved the following:

- Finalizing the Panel of Examiners for setting question papers /conducting practical exams of M.Sc. II and B.Sc. – M.Sc. Integrated Course Semester II.
- Bye-laws of B.Sc.-M.Sc. integrated programme.
- Deliberation on the recommendation for Foundation course in M.Sc. Programme offered in the Department of Chemistry.

The Minutes of the Board of Studies, Department of Chemistry held on 19/07/2021 is placed before the Standing Committee of the Academic Council for approval.

Secretary  
Standing Committee of AC



Department of Chemistry  
School of Chemical and Life Sciences

28.07.2021

Please find attached the minutes of meeting of BoS held on 19.07.2021.



*[Signature]*  
Prof. Kalim Javed  
Head  
Department of Chemistry

Dean, SCLS

*[Signature]*  
29.7.2021

Registrar — for perusal PL

*[Signature]* Approved  
Put up in SC of AC  
Dr. Afsan Khan  
30.7.21  
*[Signature]*  
29-7-21



AR (Acad) —

*[Signature]*  
3-8-21



July 19, 2021

DEPARTMENT OF CHEMISTRYMinutes of the meeting of Board of Studies (BOS) of the Department of Chemistry

A virtual meeting of the Board of Studies (BOS) of the Department of Chemistry, School of Chemical & Life Sciences was held through Google meet on 19<sup>th</sup> July, 2021 at 4.00 pm.

The following were present:

Name	Designation	
Pof. Kalim Javed	HoD Chemistry	In the Chair
Prof. Sunil Khare	Professor (IIT, Delhi)	Co-opted Member
Prof. Sunil Sharma	Professor (University of Delhi)	Co-opted Member
Prof. M.S.Alam	Professor	Member
Dr. Hinna Hamid	Associate Professor	Member
Dr. Mohd. Samim	Associate Professor	Member
Dr.Syed Shafi	Assistant Professor	Member
Dr.Imran A. Khan	Assistant Professor	Special Invitee

The meeting started with the welcoming remark of Head of Department to all the members.

Following was resolved

**Agenda item-I:** To finalize the panel of examiners for getting set question papers/conducting practical exams of M.Sc. II and B.Sc.-M.Sc. integrated course semester II.

HoD placed before the committee the list of theory and practical papers for which the end semester examinations have to be conducted from August 2021, in order to finalize the panel of examiners for setting the question papers/conducting practical exams. It was thoroughly deliberated upon and all the members of the BoS felt and recommended that under the present devastating conditions of Corona pandemic examinations may be conducted internally and accordingly all the theory question papers should be set by internal examiners for the smooth conduct of the semester exams.

Panels of examiners for conducting practical exams as recommended by BoS is placed (Annexure-A).

**Agenda Item-II: Regarding B.Sc.-M.Sc. integrated bylaws**

School of Chemical & Life Sciences (SCLS) has been running a five-year (ten semesters) full time B.Sc.-M.Sc. integrated program since 2017 with exit option with B.Sc. Hons degree in Chemistry. Dean office (SCLS) received a letter from the office of Controller of Examination seeking clarification on B.Sc.-M.Sc. integrated bylaws concerning promotion criteria from 6<sup>th</sup> to 7<sup>th</sup> semester, span period for B.Sc.-M.Sc. integrated program, nomenclature of semesters which fall during M.Sc. level etc. HoD also apprised the BoS of recommendations made by a committee formed by Dean SCLS to look into the curriculum and bylaws of the course.

*Handwritten signature and date:*  
20/7/21

BoS was of the opinion that no changes can be made in the curriculum and byelaws of the approved B.Sc.-M.Sc. integrated programme of the current running batches. B.Sc. -M.Sc. integrated course will be treated as a separate course from M.Sc. Chemistry. Regarding span period it was resolved that total span period should be 7 (5+2) years, which can be extended by one year under exceptional circumstances and on the basis of the merit of the case (as per 2015 UGC guidelines on determination of uniform span period).

Changes to the curriculum and byelaws of the said course, if any, can only be made for future batches after approval.

**Agenda item – III Deliberation on the recommendation for Foundation course in M.Sc. Programme of Department of Chemistry, SCLS**

Bos approved the recommendations made by the following department level three -member committee that the foundation course should be discontinued from the academic session 2021-2022. *In lieu* of the foundation course the paper titled 'Analytical Chemistry' should be shifted from Semester II to semester I. This will to make the total course credits in Semester I and Semester II as 21 each and therefore the credits in Semester I and Semester II will be uniform.

1. Prof. M.S.Alam
2. Dr. Hinna Hamid
3. Dr. Mohd. Samim

Meeting ended with thanks to all members of BoS.

- Prof Kalim Javed, Department of Chemistry, SCLS
- Prof. Sunil Khare, IIT, Delhi
- Prof. Sunil Sharma, University of Delhi
- Prof. M.S.Alam, Department of Chemistry, SCLS
- Dr. Hinna Hamid, Assoc. Prof., Department of Chemistry, SCLS
- Dr. Mohd. Samim, Assoc. Prof., Department of Chemistry, SCLS
- Dr.Syed Shafi, Assist. Prof., Department of Chemistry, SCLS
- Dr.Imran A. Khan, Assist. Prof., Department of Chemistry, SCLS

In the Chair

Co-opted Member } mail copy  
attached  
here with.

Member

Member

Member

Member

Special Invitee

*Legend*

*M.S. Alam*

*28/7/2021*

*21/7/21*

*28/7/2021*

*28/7/2021*

Recommendation for Foundation course in M.Sc. Programme of Department of Chemistry, SCLS

The foundation course taught in Semester I of M.Sc. Chemistry course is very basic and has many components which are rudimentary for post graduate students of chemistry. Besides a considerable amount of time (Ten periods/ week) is utilised towards foundation course and thereby making it strenuous for the students to cope up with the main course of Chemistry.

It is therefore recommended that the foundation course should be discontinued from the academic session 2021-2022. *In lieu* of the foundation course the paper titled 'Analytical Chemistry' should be shifted from Semester II to semester I. This will to make the total course credits in Semester I and Semester II as 21 each and therefore the credits in Semester I and Semester II will be uniform.

.The proposed changes have been summarized in the table below

M.Sc. PROGRAMME IN CHEMISTRY COURSES OF STUDY

**I SEMESTER (existing courses)**

Paper Code	Title of the Paper	Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MFC - 001	Foundation Course	Foundation	150	50	200	08	00	08
MCHCC -101	Physical Chemistry - I	Core	75	25	100	03	00	03
MCHCC -102	Organic Chemistry - I	Core	75	25	100	03	00	03
MCHCC-103	Inorganic Chemistry - I	Core	75	25	100	03	00	03
MCHCC-104	Lab. Course in Physical Chemistry- I	Core	75	25	100	00	06	03
MCHCC-105	Lab. Course in Inorganic Chemistry - I	Core	75	25	100	00	06	03
MCHCC-106	Lab. Course in Organic Chemistry-I	Core	75	25	100	00	06	03
<b>Total: I Semester</b>			<b>600</b>	<b>200</b>	<b>800</b>	<b>17</b>	<b>18</b>	<b>26</b>

**I SEMESTER (proposed courses)**

Paper Code	Title of the Paper	Paper Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MCHCC -101	Physical Chemistry - I	Core	75	25	100	03	00	03
MCHCC -102	Organic Chemistry - I	Core	75	25	100	03	00	03
MCHCC-103	Inorganic Chemistry - I	Core	75	25	100	03	00	03
MCHCC -104	Analytical Chemistry	Core	75	25	100	03	00	03
MCHCC-105	Lab. Course in Physical Chemistry- I	Core	75	25	100	00	06	03
MCHCC-106	Lab. Course in Inorganic Chemistr- I	Core	75	25	100	00	06	03
MCHCC-107	Lab. Course in Organic Chemistry-I	Core	75	25	100	00	06	03
<b>Total: I Semester</b>			<b>525</b>	<b>175</b>	<b>700</b>	<b>112</b>	<b>18</b>	<b>21</b>

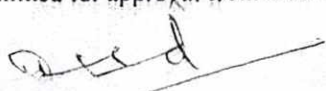
## II SEMESTER (existing Courses)

Paper Code	Title of the Paper	Paper Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MCHCC - 201	Physical Chemistry - II	Core	75	25	100	03	00	03
MCHCC - 202	Organic Chemistry - II	Core	75	25	100	03	00	03
MCHCC - 203	Inorganic Chemistry - II	Core	75	25	100	03	00	03
MCHCC - 204	Analytical Chemistry	Core	75	25	100	03	00	03
MCHCC - 205	Applications of Spectroscopy	Core	75	25	100	03	00	03
MCHCC - 206	Lab. Course in Physical Chemistry- II	Core	75	25	100	00	06	03
MCHCC - 207	Lab. Course in Inorganic Chemistry - II	Core	75	25	100	00	06	03
MCHCC - 208	Lab. Course in Organic Chemistry-II	Core	75	25	100	00	06	03
<b>Total: II Semester</b>			<b>600</b>	<b>200</b>	<b>800</b>	<b>15</b>	<b>18</b>	<b>24</b>
<b>Total: I Semester and II Semester</b>			<b>1200</b>	<b>400</b>	<b>1600</b>			<b>50</b>

## II SEMESTER (changes proposed)

Paper Code	Title of the Paper	Paper Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MCHCC -201	Physical Chemistry - II	Core	75	25	100	03	00	03
MCHCC -202	Organic Chemistry - II	Core	75	25	100	03	00	03
MCHCC -203	Inorganic Chemistry - II	Core	75	25	100	03	00	03
MCHCC-204	Applications of Spectroscopy	Core	75	25	100	03	00	03
MCHCC-205	Lab. Course in Physical Chemistry- II	Core	75	25	100	00	06	03
MCHCC-206	Lab. Course in Inorganic Chemistry - II	Core	75	25	100	00	06	03
MCHCC-207	Lab. Course in Organic Chemistry-II	Core	75	25	100	00	06	03
<b>Total: II Semester</b>			<b>525</b>	<b>175</b>	<b>700</b>	<b>12</b>	<b>18</b>	<b>21</b>
<b>Total: I Semester and II Semester</b>			<b>1050</b>	<b>350</b>	<b>1400</b>			<b>42</b>

Submitted for approval from BoS of Department of Chemistry

  
 Dr Hinna Hamid

  
 Prof M S Alam

  
 Dr. M. Samim



24

K. Javed &lt;kjaved@jamiahamdard.ac.in&gt;

## Minutes of BoS meeting held on 19 July

7 messages

K. Javed &lt;kjaved@jamiahamdard.ac.in&gt;

Tue, Jul 27, 2021 at 2:50 PM

To: skhare@rocketmail.com, sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, "M.Shamim" <mshamim@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>, "Imran Ahmad khan (Asstt Prof. Deptt Chemistry )" <imranakhan@jamiahamdard.ac.in>

Respected members of BoS (Department of Chemistry, Jamia Hamdard)

Greetings

Please find minutes of virtual meeting of BoS held on 19 July as an attachment.

Your comments/suggestions/approval is solicited.

Regards

--

Professor Kalim Javed

Head

Department of Chemistry

School of Chemical and Life Sciences

Jamia Hamdard

New Delhi 1100 62

### 2 attachments



MoM 19.7.21.docx

18K



Annexure-A (Panel of examiners).doc

63K

M.Shamim &lt;mshamim@jamiahamdard.ac.in&gt;

Tue, Jul 27, 2021 at 3:27 PM

To: "K. Javed" <kjaved@jamiahamdard.ac.in>

Cc: skhare@rocketmail.com, sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>, "Imran Ahmad khan (Asstt Prof. Deptt Chemistry )" <imranakhan@jamiahamdard.ac.in>

Thanks for your mail. It is approved from my side.

[Quoted text hidden]

**Imran Ahmd Khan (Asstt Prof. Dept. of Chemistry)** <imranakhan@jamiahamdard.ac.in>

Tue, Jul 27, 2021 at 3:54 PM

To: "M.Shamim" <mshamim@jamiahamdard.ac.in>

Cc: "K. Javed" <kjaved@jamiahamdard.ac.in>, skhare@rocketmail.com, sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>

Approved.

[Quoted text hidden]

**Syed Shafi** <syedshafi@jamiahamdard.ac.in>

Tue, Jul 27, 2021 at 4:47 PM

To: "K. Javed" <kjaved@jamiahamdard.ac.in>

Dear Sir

Thank you for your mail.

The minutes of the BoS meeting are approved from my side.

Thanks and regards

Dr. Syed Shafi  
Asst. Professor  
Department of Chemistry  
Jamia Hamdard  
Hamdard Nagar  
New Delhi-62  
Mobile: +91 9990806873

[Quoted text hidden]

**Sunil Sharma** <sk.sharma90@gmail.com>

Tue, Jul 27, 2021 at 5:51 PM

To: "K. Javed" <kjaved@jamiyahamdard.ac.in>

Cc: skhare@rocketmail.com, Mohammad Sarwar Alam <msalam@jamiyahamdard.ac.in>, "Hinna .hamid"

<hhamid@jamiyahamdard.ac.in>, "M. Shamim" <mshamim@jamiyahamdard.ac.in>, Syed Shafi

<syedshafi@jamiyahamdard.ac.in>, "Imran Ahmad Khan (Asstt Prof. Deptt Chemistry )" <imranakhan@jamiyahamdard.ac.in>

Dear Professor Kalim Javed,

The minutes of the BoS meeting are recorded correctly and truly reflect the discussion and resolutions made, it is approved by me.

Best regards,

Professor Sunil K. Sharma

Department of Chemistry

University of Delhi

Delhi -110007

Email: sk.sharma90@gmail.com; sksharma@chemistry.du.ac.in

[http://www.du.ac.in/du/uploads/Faculty%20Profiles/Chemistry/Chemistry\\_Sunil\\_Sharma.pdf](http://www.du.ac.in/du/uploads/Faculty%20Profiles/Chemistry/Chemistry_Sunil_Sharma.pdf)

[Quoted text hidden]

**SUNIL KUMAR KHARE** <skhare@rocketmail.com>

Wed, Jul 28, 2021 at 10:46 AM

Reply-To: skhare@rocketmail.com

To: sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiyahamdard.ac.in>, "Hinna .hamid"

<hhamid@jamiyahamdard.ac.in>, "M. Shamim" <mshamim@jamiyahamdard.ac.in>, Syed Shafi

<syedshafi@jamiyahamdard.ac.in>, "Imran Ahmad Khan (Asstt Prof. Deptt Chemistry )" <imranakhan@jamiyahamdard.ac.in>,

"K. Javed" <kjaved@jamiyahamdard.ac.in>

Dear Prof. Javed,  
Greetings!

The Minutes of the BoS meeting are recorded well. I approve the Minutes of the meeting.

With kind regards,

Sunil Khare

--

Dr Sunil Khare, FRSC, FBRS, FMSc, FNAAS  
Dean (R&D) & institute Chair Professor of Biochemistry  
Enzyme and Microbial Biochemistry Lab, Dept. of Chemistry  
Indian Institute of Technology Delhi  
New Delhi-110016 India  
Web: [web.iitd.ac.in/~skkhare/](http://web.iitd.ac.in/~skkhare/)  
Tel: +91-11-2659 6533

[Quoted text hidden]

**SUNIL KUMAR KHARE** <skhare@rocketmail.com>  
Reply-To: skhare@rocketmail.com  
To: "K. Javed" <kjaved@jamiahamdard.ac.in>

Wed, Jul 28, 2021 at 10:54 AM

Dear Prof. Javed,  
Greetings!

The Minutes of the BoS meeting are recorded well. I approve the Minutes of the meeting.

With kind regards,

Sunil Khare

--

Dr Sunil Khare, FRSC, FBRS, FMSc, FNAAS  
Dean (R&D) & institute Chair Professor of Biochemistry  
Enzyme and Microbial Biochemistry Lab, Dept. of Chemistry  
Indian Institute of Technology Delhi  
New Delhi-110016 India  
Web: web.iitd.ac.in/~skkhare/  
Tel: +91-11-2659 6533

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Dr Sunil Khare, FRSC, FBRS, FMSc, FNAAS  
Dean (R&D) & institute Chair Professor of Biochemistry  
Enzyme and Microbial Biochemistry Lab, Dept. of Chemistry  
Indian Institute of Technology Delhi  
New Delhi-110016 India  
Web: web.iitd.ac.in/~skkhare/  
Tel: +91-11-2659 6533

On Tuesday, July 27, 2021, 02:50:26 PM GMT+5:30, K. Javed <kjaved@jamiahamdard.ac.in> wrote:

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**SC 158 (5): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH, SCLS HELD ON 3<sup>RD</sup> SEPTEMBER, 2021.**

A meeting of the Board of Studies, Centre for Translational and Clinical Research, SCLS was held on 03/09/2021, wherein, the BoS discussed academic issues and resolved the following:

- Revised syllabus of B.Sc.-M.Sc. Integrated and M.Sc. Programmes in Clinical Research.
- Requirement of Contractual positions of Assistant Professor in the Centre.
- Online orientation programme, invited Guest Lecture Series and Seminar on "Trends in COVID-19 Clinical Trials" by the Centre.
- Initiation of Faculty Development Programme in "Clinical Research and Drug Regulatory Affairs" by the Centre.
- Initiation of Post-Graduate Diploma Courses by the Centre.
- Panel for External Examiners for ODD Semester Examination of B.Sc.-M.Sc. Integrated and M.Sc. Programme in Clinical Research.
- Proposal for re-designation of "Centre for Translational and Clinical Research" to "Clinical Research" be re-designated as Department.
- Experts for Promotion of Faculty of the Centre.

The Minutes of the Board of Studies, Centre for Translational and Clinical Research held on 3/09/2021 is placed along with annexure before the Standing Committee of the Academic Council for approval.

Secretary  
Standing Committee of AC

6<sup>th</sup> October, 2021

To

**Registrar  
Jamia Hamdard  
New Delhi 110062**

Sir,

It is in reference to the letter no. AS/SC-AC (158)/JH-1/2021, dated 1<sup>st</sup> October, 2021 regarding agenda items for the 158<sup>th</sup> Meeting of the Standing Committee of the Academic Council of Jamia Hamdard. In this regard, kindly find attached herewith the agenda items for the said meeting.

With best wishes

  
**Prof. Suhel Parvez**  
**In-charge, Clinical Research**

— AR (Acad) — Kindly include

  
5-10-21

**CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH  
SCHOOL OF CHEMICAL AND LIFE SCIENCES  
JAMIA HAMDARD**

3<sup>rd</sup> September, 2021

**Minutes of the meeting of Board of Studies held on 3.9.2021 at 10:00am in the  
Committee Room, 3<sup>rd</sup> Floor, SCLS**

The meeting of the Board of studies was held on 3.9.21 at 10:00am. The following members were present in the meeting:

1. Prof. Suhel Parvez	Chairman
2. Dr. Arshad Khuroo	Co-opted Member
3. Dr. Pooja Gupta	Co-opted Member
4. Prof. Nilanjan Saha	Member
5. Dr. M Shamim	Member
6. Dr. Nidhi	Member
7. Dr. Mohd. Ashif Khan	Member

The meeting started with welcome address by the Chairman in which he acknowledged the presence of members of the BoS. He presented before the members the progress of the Centre. The agenda items given in order were discussed, thereafter.

Previous meeting

**1. Approval of the revised syllabus of B.Sc-M.Sc. integrated and M.Sc. programmes in Clinical Research**

The revised syllabus was presented to all the members. The addition of newer value added and job-oriented subjects was highly appreciated by the external members. After the suggestions of all the members the revised syllabus was approved. **(ANNEXURE-I)**

**2. Contractual positions of Assistant Professor in the Centre**

In order to smooth functioning of the academic activities of Centre there is requirement of at least two Assistant Professors on contractual basis. The requirement of faculties was strongly recommended by the members due to addition of new subjects and foundation course to the existing curriculum has increased the workload on existing faculty members. The two contractual faculty members are required for both B.Sc-M.Sc. programmes in Clinical Research. The eligibility criteria and draft of advertisement is enclosed. **(ANNEXURE-II)**

It was also discussed among the members that the course is Industry-oriented and requires time-to time guidance from the experts from the industry. Thus, on the basis of requirement of course the subject expert from the industry can be appointed as Guest Faculty for the specific paper and not more than one in specific semester as and when required. As per the requirement of the coursework which is job oriented, the experts from the industry can mentor our students for their industrial training and research work. All members agreed to the same.

*[Signature]*

*[Signature]* 17/07/21

*[Signature]*

*[Signature]*

Arshad  
Khuroo

Digitally signed by Arshad Khuroo  
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Date: 2021.09.03 10:00:45+05'30'

**3. Approval for online orientation programme, invited guest lecture series and seminar on "Trends in COVID-19 clinical trials" by the Centre**

Expert members suggested that organizing orientation programme of newly admitted students/lectures/ seminars are important for knowledge dissipation and enrichment of the newly admitted students. This suggestion was appreciated by all the board members. The Centre plans to organize the orientation programme for newly admitted students/ Seminar/Lectures in the coming months.

**4. Approval for initiation of Faculty Development programme in "Clinical Research and Drug Regulatory Affairs" by the Centre**

It was discussed to organize faculty development programme in "Clinical Research and Drug Regulatory affairs" for the incorporation of current knowledge of the field to our fellow faculty members, as the Centre has faculty members who have rich experience in pharmaceutical industries. This proposal was approved by all the board members and the Centre will organize the above-mentioned Seminar/Lectures in the coming months. If this is successful it can be taken up as a revenue generation model in the future.

**5. Approval for initiation of Post-Graduate Diploma courses by the Centre**

It was discussed among the members to initiate post-graduate diploma in Medical Writing/Pharmacovigilance and other relevant discipline. The external members suggested that a proper extensive exploration should be done related to this and a comprehensive analysis and demand of the specific skill development course should be explored and put up the same in next BoS.

**6. Approval of Panel for External Examiners for odd Semester Examination of B.Sc-M.Sc. intergrated and M.Sc. programme in Clinical Research**

The panel of examiners for upcoming examinations were discussed among the members of BoS. The external members of the board approved the list of examiners.

**(ANNEXURE-III)**

**7. Proposal for redesignation of "Centre for Translational and Clinical Research" to "Clinical Research" should be redesignated as the Department**

It was proposed by the members that Centre for Translational and Clinical Research should be redesignated as the Department of Translational and Clinical Research as this will facilitate in obtaining development grants such as FIST, SAP and BUILDER from extramural funding agencies. However, the members also suggested that it should be in-line with MoA and the current vision & mission of Jamia Hamdard.

**8. Experts for promotion of Faculty of the Centre**

The proposed list of experts for the promotion of faculty was discussed among the members. The list is presented and approved by all the external experts and members.

All the members extended support to initiate new academic activities and provided key inputs which provide further impetus to the development of Centre. The chairman concurred that with the advice of the experts and members of BoS, Centre would touch new heights in future.

*[Signature]*

*[Signature]*  
17/07/21

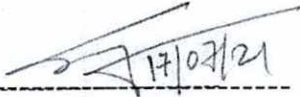
*[Signature]*

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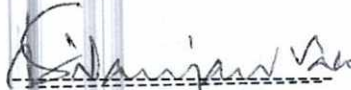
Arshad  
Khuroo

Digitally signed by Arshad Khuroo  
DN: cn=Arshad Khuroo, o=Jamia Hamdard, email=Arshad.Khuroo@jamiahamdard.edu.pk, c=PK

The meeting ended with vote of thanks to the Chair.



**Prof. Suhel Parvez**



**Prof. Nilanjan Saha**

Arshad  
Khuroo



Digital signed by Arshad Khuroo  
DN: cn=Arshad Khuroo, o=IIT Guwahati, ou=Faculty  
of Science, email=arshad@iitg.ac.in

**Dr. Arshad Khuroo**



**Dr. Pooja Gupta**



**Dr. Nidhi**



**Dr. M. Ashif Khan**

**CENTRE FOR TRANSLATIONAL AND  
CLINICAL RESEARCH**

**SCHOOL OF CHEMICAL AND LIFE SCIENCES**

**B.Sc.- M.Sc. INTEGRATED PROGRAMME  
(CLINICAL RESEARCH)  
SYLLABUS**

**CHOICE BASED CREDIT SYSTEM (CBCS)**

**EFFECTIVE FROM SESSION 2021-22**



**JAMIA HAMDARD**  
New Delhi – 110062  
[www.jamiahamdard.edu](http://www.jamiahamdard.edu)

**CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH**

**SCHOOL OF CHEMICAL AND LIFE SCIENCES**

**M.SC. (CLINICAL RESEARCH) SYLLABUS**

**CHOICE BASED CREDIT SYSTEM (CBCS)**

**EFFECTIVE FROM SESSION 2021-22**



**JAMIA HAMDARD**  
New Delhi – 110062  
[www.jamiahamdard.edu](http://www.jamiahamdard.edu)

**SC 158 (6): TO CONSIDER AND APPROVE THE GUIDELINES FOR CHOICE BASED CREDIT SYSTEM (CBCS) AND ONLINE SWAYAM (STUDY WEBS OF ACTIVITY LEARNING FOR YOUNG ASPIRING MINDS) / MOOCS (MASSIVE OPEN ONLINE COURSES) 2021.**

A duly constituted Committee under the chairmanship of Director, IQAC held five meetings and formulated guidelines / Manual for Choice Based Credit System (CBCS) and Online S W A Y A M (Study Webs of Activity Learning for Young Aspiring Minds) / MOOCs (Massive Open Online Courses) 2021.

The guidelines as mentioned above are placed before the Standing Committee of the Academic Council for approval.

Secretary  
Standing Committee of AC





October 11, 2021


**Subject: Agenda Item for the meeting of the Standing Committee of the Academic Council.**


**Item No.1; To consider and approve the Guidelines for Choice Based Credit System (CBCS) and Online SWAYAM (Study Webs of Activity Learning for Young Aspiring Minds) / MOOCs (Massive Open Online Courses)-2021**

The Hon'ble Vice Chancellor constituted a Committee to prepare Guidelines/Manual for Choice Based Credit System (CBCS) and Online SWAYAM (Study Webs of Activity Learning for Young Aspiring Minds) / MOOCs (Massive Open Online Courses)-2021. The Committee held meetings on on 30.7.2021, 11.8.2021, 6.9.2021, 23.9.2021 and 30.9.2021. Minutes of the Committee are enclosed as Annexure-1. The Committee prepared Guidelines/Manual for Choice Based Credit System (CBCS) and Online SWAYAM (Study Webs of Activity Learning for Young Aspiring Minds) / MOOCs (Massive Open Online Courses)-2021 enclosed as Annexure-2.

The matter may please be placed before the Standing Committee of the Academic Council for its consideration and approval.

Submitted please.

  
(Prof. S. Raisuddin)  
Chairman of the  
Committee

  
(Mirza Vazir Hussain)  
Controller Examinations  
and Convener of the  
Committee

Hon'ble Vice Chancellor

*Approved  
put up in the SC of AC  
Dr. Afshan Khan  
11.10.21*

  
AR (Acad) -

*for inclusion in any  
other matter.*

  
11-10-21

**MINUTES OF THE MEETING OF THE COMMITTEE CONSTITUTED TO PREPARE CHOICE BASED CREDIT SYSTEM (CBCS) MANUAL AND GUIDELINES FOR CREDIT TRANSFER THROUGH SWAYAM/MOOCs , HELD ON 30<sup>th</sup> JULY 2021, 11<sup>th</sup> AUGUST 2021, 6<sup>th</sup> SEPTEMBER 2021, 23<sup>rd</sup> SEPTEMBER 2021 AND 30<sup>th</sup> SEPTEMBER 2021 AT 10.30 A.M. /3.00 P.M. IN THE CHAMBER OF CONTROLLER OF EXAMINATIONS.**

**Present:**

- |                                                                      |              |
|----------------------------------------------------------------------|--------------|
| 1. Prof. S. Raisuddin, Director, IQAC:                               | In the Chair |
| 2. Prof. Asgar Ali, School of Pharmaceuticam Education & Research:   | Member       |
| 3. Prof. Farhan Jalees Ahmad, Dean, School of Interdis. Sc. & Tech.: | Member       |
| 4. Prof. Reshma Nasreen, DSW:                                        | Member       |
| 5. Mr. Mirza Vazir Hussain, Controller of Examinations:              | Convener     |

In order to prepare Choice Based Credit System (CBCS) Manual, several meetings of the Committee were held on 30.7.2021, 11.8.2021, 6.9.2021, 23.9.2021 and 30.9.2021. The Controller of Examinations briefed the members about Choice Based Credit System (CBCS) manuals of various Indian Universities particularly Pondicherry University and Osmania University, Hyderabad and Guidelines of UGC. He showed the members copies of manuals from these universities. Various aspects of CBCS manuals were discussed in detail. It was resolved in the first meeting of the Committee that the following may be collected from all Deans of the Schools for further deliberations.

- Name of Courses
- Name of Courses which are governed by any Council/Board  
(please mention the name of Council/Board)
- Examination system of the Course as per the Council /Board regulations (Semester/ Annual/ Professional)
- Is there any curriculum suggested by the Council/Board?
- Whether CBCS System implemented in courses as governed by the Council/Board  
(if yes please mention)
- If not, can the University implement CBCS.

The response on the above mentioned queries was poor as some of the Deans/ HoDs did not respond to the queries. The response of the Deans of School is attached at **Annexure-1**

As per the information received from the Deans of Schools implementation of CBCS may not be possible in the following courses as the courses structure and curriculum is decided by the concerned regulatory body/board. However, interested students in these programs

*Mirza Vazir Hussain*

*[Signature]*

*R*

may opt for SWAYAM/ MOOCs online courses as additional courses, which is not mandatory:

CBCS and Online SWAYAM/ MOOCs Courses are not applicable in the following programmes:

S.No.	School	Programme	Governed by the Council/Regulatory Body
1	Hamdard Institute of Medical Sciences and Research (HIMSR)	MBBS and MD/MS	National Medical Commission (NMC)
2	School of Unani Medical Education & Research (SUMER)	BUMS and MD (Unani)	Central Council of Indian Medicine (CCIM)
3	School of Pharmaceutical Education & Research (SPER)	DPharm, BPharm and MPharm	Pharmacy Council of India (PCI)
4	Department of Rehabilitation Sciences, School of Nursing & Allied Health (SNAH)	BOT, BPT, MOT and MPT	Delhi Council for Physiotherapy and Occupational Therapy (DCPOT)
	Rufaida College of Nursing, School of Nursing & Allied Health (SNAH)	DGNM, BSc. (Hons.) Nursing, Post basic BSc Nursing and MSc-Nursing	Indian Nursing Council (INC)

It was resolved that apart of the above mentioned programmes CBCS may be implemented in all other programmes of Jamia Hamdard.

In the next meeting after a detailed discussion on the issue of Manual for Choice Based Credit System (CBCS) and Credit Transfer System through SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds)/MOOCs (Massive Open Online Courses), the following was resolved:

1. SWAYAM/ MOOCs Programmes may be introduced in courses where there is no prescribed syllabus a Regularotory Body or Council/Board.
2. The implementation of SWAYAM/ MOOCs Programmes will be for newly admitted students of UG Courses only on experimental basis.
3. A MOOCs Coordinator/Counsellor amongst the faculty member may be appointed in each School/Department to monitor the implementation of SWAYAM/ MOOCs courses/NPTEL.

*Musain*

*AK*

*R-H*

Further he/she will counsel the student viza viz the choice of subjects.

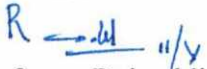
A Coordinator/Counsellor amongst the faculty member may be appointed in each School for SWAYAM Programmes.


4. The Coordinator/Counsellor will identify the SWAYAM/ MOOCs Programmes for the students of his/her School in consultation with HoD/Dean.
5. Students of the School will register themselves in SWAYAM/MOOCs Programmes in consultation with the School Coordinator.
6. Only one course per semester from SWAYAM/ MOOCs Programmes will be selected by the students through Coordinator of the School.
7. A common time table may be designed preferably after the lunch hours.
8. A uniform and unique subject Code may be adopted.


A draft for CBCS Manual has been prepared and sent to all members of the Committee for their remarks/comments. The comments/suggestions received from the members have been incorporated in the CBCS Manual.

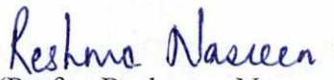
The final Draft of CBCS Manual has been prepared and placed as **Annexure-3. The Committee proposes that the Final** Draft of CBCS Manual for Jamia Hamdard Programmes may be implemented from the next academic session and may please be placed before the next meeting of the Standing Committee of the Academic Council for its consideration and approval please.

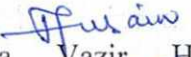
The meeting ended with a vote of thanks to the Chair.

  
(Prof. S. Raisuddin),  
Director, IQAC,  
Chairman of the Committee

  
(Prof. Asgar Ali), School  
of Pharmaceutical  
Education & Research,  
Member of the Committee

  
(Prof. Farhan Jalees Ahmad)  
Dean, School of  
Interdisciplinary Sciences &  
Technology, Member of the  
Committee

  
(Prof. Reshma Nasreen)  
Dean Students Welfare,  
Member of the Committee

  
(Mirza Vazir Hussain),  
Controller of Examinations,  
Convener of the Committee

**JAMIA HAMDARD**  
**HAMDARD NAGAR, NEW DELHI**

**GUIDELINES FOR CHOICE BASED CREDIT SYSTEM (CBCS) AND ONLINE**  
**SWAYAM (STUDY WEBS OF ACTIVE-LEARNING FOR YOUNG ASPIRING MINDS)/**  
**MOOCs (MASSIVE OPEN ONLINE COURSES) COURSES -2021**

Jamia Hamdard has already adopted CBCS regulations based on UGC guidelines in 29<sup>th</sup> Meeting of the Academic Council held on 10.8.2015. These Regulations are implemented for all the programmes of the University except for the programmes which are covered by regulatory councils and council regulations. If there are no any specific regulations from the Council/Board/Statutory Body, then Jamia Hamdard regulations should be implemented. In continuation of adopted CBCS Regulations in 2015, detailed guidelines with some modifications are mentioned here in view of the SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds)/MOOCs (Massive Open Online Courses) Online Courses under Govt. of India's NEP (New Education Policy) adopted by the UGC (University Grants Commission). These Guidelines are broadly based on 'UGC Guidelines on Adoption of Choice Based Credit System' passed by the 29<sup>th</sup> Academic Council dated 10.8.2015, Implementation of the Choice Based Credit System' dated 27.1.2015, Status Report about Implementation of the Choice Based Credit System (CBCS) in Jamia Hamdard passed by the 29<sup>th</sup> Academic Council dated 10.8.2015, UGC Instructional Template for Facilitating Implementation of Choice Based Credit System; UGC Regulations on Minimum Course Curriculum for Undergraduate Courses Under Choice Based Credit System 2019.

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The Choice Based Credit System (CBCS) enables a student to obtain a degree by accumulating prescribed number of credits. The number of credits earned by the student reflects the knowledge or skill acquired. Credits are assigned to each course based on the contents. The student also has choice in selecting courses out of those offered by various departments. The grade point earned in each course reflects the student's proficiency. The CBCS enables the students to earn credits across departments and provides flexibility in duration to complete a

**School of Nursing Sciences & Allied Health  
Department of Paramedical Sciences**

PMS/JH/BOS-01

Date-26.07.2021

**Minutes of the Meeting of Board of Studies held on 26.07.2021 at 11.30 a.m on  
Online mode on Google Meet, Department of Paramedical Sciences, SNSAH**

First Board of studies meeting was held on 26.07.2021 at 11.30a.m in Department Of  
Paramedical Sciences, Jamia Hamdard.

Following Members were present in the meeting:

1. Prof.(Dr.) Manju Chhugani	Chairperson
2. Dr.Rajiv Bajaj	Co-opted Member
3. Dr.Anjali Kochhar	Co-opted Member
4. Mrs.Ruchi Nagar <i>Buckshee</i>	Member
5. Mrs.Bindu Shaiju	Member
6. Ms.Vibha Kumari	Member
7. Ms.Parveen Naaz	Member

The meeting was chaired by Prof.(Dr.) Manju Chhugani, Dean, School of Nursing  
Sciences & Head of Dept.of Paramedical Sciences. The meeting was held on the  
following agenda items:

**Agenda I-**To revise the syllabus of the following courses of Paramedical Sciences

-M.Sc in Medical Lab Sciences

-M.Sc in Medical Imaging Technology

-B.Sc in Cardiology Techniques

-B.Sc in Medical Laboratory Techniques

-Diploma in X-Ray & ECG Techniques

-Diploma in Dialysis Techniques

**Agenda II-**To follow the teachers' students' ratio as per the new regulations of the  
UGC.

**Agenda III-**To have the stability and Development, Department should have regular  
positions of atleast one Assistant Professor & One Clinical Instructor in each  
speciality.

**Agenda-IV-**To look into the request of students' who have crossed their span period  
for special permission to appear in their backlog papers on the ground of mercy.

**Agenda V-**Any other

## Agenda Item I:

### Minute-I

The chairperson requested member to give their feedback /Suggestions based on the content(Syllabus) sent to them,But they expressed that it was too lengthy document.Suggestion was given to divide it into members to work in a focused manner.Therefore,a division was done as follows-

S.No	Name of the Member	Name of the Course
1.	Dr.Rajiv Bajaj	B.Sc in Cardiology Techniques
2.	Dr.Anjali Kochhar	Diploma in Dialysis Techniques
3.	Mrs.Ruchi Nagar <i>Buckshie</i>	M. Sc in Medical Imaging Technology Diploma in X-Ray & ECG Techniques
4.	Mrs.Bindu Shaiju	M.Sc in Medical Lab Sciences B.Sc in Medical Laboratory Techniques

It was also decided that internal team members will collate the suggestions and syllabus will be finalised in next BoS.

## Agenda Item-II

### Minute-II

It was unanimously decided by the members that considering the number of students,the number of faculty may be worked based on new guidelines of the UGC regarding the teachers' students' ratio i.e.(1:25) .At present we have only 10 Faculty in Department of Paramedical Sciences.

S.no	Name of the course	Total No. Of Students(excluding interns)	Teachers at present	Teachers required as per new UGC guidelines
1	MMLS+BMLT	199	2	8
2	BDT+DDT	89	1	4
3	BAOTT+DOTT	123	1	5
4	BETCT	43	1	2
5	MMIT+BMIT+DXE	163	2	7
6	BMR+DMR	24	Nil	1
7	MOPT+BOPT	108	2	4
8	BCLT	74	1	3

### **Agenda Item-III**

#### **Minute-III**

In consensus, it was decided that for the development of the department, stability is very essential. Therefore, department should have permanent position at least one Assistant Professor and One Clinical Instructor in each speciality, other faculty can be contractual.

### **Agenda Item-IV**

#### **Minute-IV**

It was briefed by the chairperson that a group of 14 students including all specialities have crossed their span period for them, a request letter was sent to Hon'ble Vice-Chancellor, he directed us to discuss it in BoS. Members were having the opinion to consider the future of the students. One time approval may be granted on mercy grounds.

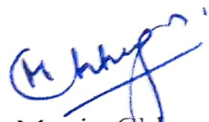
### **Agenda Item-V**

#### **Minute-V**

Everyone felt and agreed that there should be revision of syllabus and addition of CBCS System in all the Programmes of Paramedical Sciences as per University Norms.



The Meeting adjourned at 1:00 pm with thanks to all members.



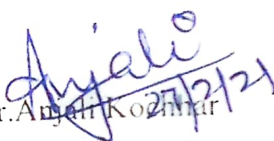
1. Prof.(Dr.) Manju Chugani

Chairperson



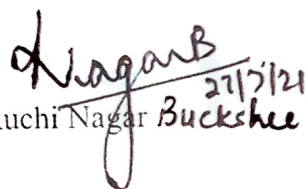
2. Dr. Rajiv Bajaj

Co-opted Member



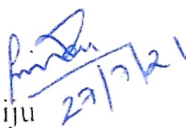
3. Dr. Anjali Kozhmar

Co-opted Member



4. Mrs. Ruchi Nagar Buckshee

Member



5. Mrs. Bindu Shaiju

Member



Mr. Vibha Kumar

Member



Mr. Parvati Nair

Member



Prof. Dr. Ashwini Chuggan  
(Gen. Secy. SSSA)

**SC 158 (10): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF MUNAFEUL AZA, SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH (SUMER) HELD ON 7<sup>TH</sup> SEPTEMBER, 2021**

A meeting of the Board of Studies, Munafeul Aza, SUMER was held on 7/09/2021, wherein, the BoS discussed the following:

1. Panel of Examiners for BUMS 1<sup>st</sup> Year.
2. Need of outcome based learning and demonstration with teaching assistants to increase focus and learning capability of the students.
3. Small group teaching learning methods were recommended to enhance subject understanding among the students.

The Minutes of the Board of Studies, Department of Munafeul Aza, SUMER held on 7/09/2021 is placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC



**Department of Munafeul Aza**  
**School of Unani Medical Education and Research**  
**Jamia Hamdard**

**Minutes of Board of Studies:**

A meeting of the Board of Studies, Department of Munafeul Aza (was held on 07<sup>th</sup> September 2021 at 11:30 am in the office of the Department. The following members were present except Dr. Shehla Nazir (Internal Member) who was on medical leave.

1. Prof. Usha Singhal ,Department of Physiology, JNMC, AMU Aligarh [Co-opted member]
2. Prof. Mohd Iqbal Alam, Department of Physiology, HIMSR [Co-opted member]
3. Dr. Anwar Hussain Khan, Associate Professor, Munafeul Aza [Internal member]
4. Dr. Sahar Saleem, Assistant Professor, Kulliyat ,SUMER [Special Invitee]
5. Dr. Abdul Bari, Head Department of Munafeul Aza, Jamia Hamdard.

After praise to Almighty Allah and Peace on Prophet Mohammad (S.A.W), the agenda items were discussed with the permission of the Head of the Department.

Item No 1: The minutes of the previous meeting held on 14-02-2020 were read out and confirmed unanimously.

Item No 2: The examiners' panel for BUMS 1st year was constituted with unanimous approval.

Item No 3: Other items discussed are as follows:

- Need of outcome based learning was discussed and demonstration with teaching assistants was recommended to increase focus and learning capability of students.
- Small group teaching-learning methods were strongly recommended to enhance subject understanding among the students.

The meeting ended with thanks from the chair.

A.R. Academic

Copy to:

- > Prof. Usha Singhal
- > Prof. Mohd Iqbal Alam
- > Dr. Anwar Hussain Khan
- > Dr. Sahar Saleem
- > Dean, SUMER
- > Registrar, JH

*ABari*  
(Dr. Abdul Bari)

*AR(Acad)*  
*[Signature]*  
*21/9*

*Registrar*

*— For personal PL*  
*vd*  
*Approved and*  
*Put up in SC of AC.*  
*[Signature]*  
*18-9-21*  
*Dr. [Signature]*  
*20-9-21*

**SC 158 (11): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF ILMUL SAIDLA, SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH (SUMER) HELD ON 16<sup>TH</sup> AUGUST, 2021**

A meeting of the Board of Studies, Ilmul Saidla, SUMER was held on 16/08/2021, wherein, the BoS discussed the following:

1. The BoS resolved that the Practical Training of 2<sup>nd</sup> Year students of Diploma in Unani Pharmacy be allowed to get training at their nearby Unani Pharmaceutical Industry / Unani Dispensary / Govt. Unani Hospital. This relaxation is given owing to ongoing COVID-19 pandemic situation.
2. The BoS resolved that SUMER has adequate infrastructure, manpower, laboratory etc. to introduce PG Course in the specialty of Ilmul Saidla from next academic session.
3. The BoS discussed the curriculum and syllabus of Diploma in Unani Pharmacy. It was decided that the same be obtained from the Department of Ilmul Saidla, AMU and compare it from the Institutions, namely Jamia Hamdard, Jamia Millia Islamia and A.M.U., Aligarh.

The Minutes of the Board of Studies, Department of Ilmul Saidla, SUMER held on 16/08/2021 is placed before the Standing Committee of the Academic Council for approval.

Secretary  
Standing Committee of AC

149

**DEPARTMENT OF ILMUL SAIDLA**  
**SCHOOL OF UNANI MEDICAL EDUCATION & RESEARCH**  
**JAMIA HAMDARD-110062**

Date: August 16, 2021

**MINUTES OF THE MEETING**

The BOS was held on 16/08/2021 at 11:00 AM in the Chamber of HOD, Ilmul Saidla in Hybrid-Virtual mode.

The following were present in the meeting:

- |                           |                           |
|---------------------------|---------------------------|
| 1. Prof. M Aslam          | HOD, in the chair         |
| 2. Prof. Tajuddin         | Member (Joined Virtually) |
| 3. Prof. M Idrees         | Member                    |
| 4. Dr. Shahid S Chaudhary | Member                    |
| 5. Dr. Seema Rani         | Special Invitee           |

**1. Agenda Item No. 01**

The members approved the panel of examiners for BUMS 3<sup>rd</sup> year & Diploma in Unani Pharmacy (Name of the examiners confidential).

**2. Agenda Item No. 02**

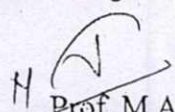
The members resolved that the Practical Training of 2<sup>nd</sup> year students of Diploma in Unani Pharmacy be allowed to get training at their nearby Unani Pharmaceutical Industry/Unani Dispensary/Govt. Unani Hospital.

The student shall submit a certificate of attendance from M.S. /M.O (Unani) Hospital/Dispensary.

Further, this relaxation is given owing to ongoing COVID-19 pandemic situation.

**3. Any other item:**

- (i) The members resolved that SUMER has adequate infrastructure, manpower, Laboratory etc to introduce Post-Graduate course in the speciality of Ilmul Saidla from next Academic Session.
- (ii) The members discussed the curriculum and syllabus of Diploma in Unani Pharmacy. It was decided that the same be obtained from Dept. of Ilmul Saidla, AMU, Aligarh and compare it from other institutions, namely Jamia Hamdard, Jamia Millia Islamia and AMU, Aligarh.

  
Prof. M Aslam  
HOD, Ilmul Saidla, SUMER

**SC 158 (12): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, RUFAIDA COLLEGE OF NURSING, SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH (SNSAH) HELD ON 6<sup>TH</sup> SEPTEMBER, 2021**

A meeting of the Board of Studies, Rufaida College of Nursing, SNSAH was held on 6/09/2021, wherein, the BoS discussed the following issues:

1. Approval of revised Bye-laws of Nursing Programmes (B.Sc. Nursing, Post Basic B.Sc. Nursing and M.Sc. Nursing)
2. Panel of Experts

The Minutes of the Board of Studies, Department of Munafeul Aza, SUMER held on 7/09/2021 is placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

RUFAIDA COLLEGE OF NURSING, SNSAH  
JAMIA HAMDARD, DEEMED TO BE UNIVERSITY



FN/JH-SCAC/2021

Date: 05/10/2021

To  
The Dean  
SNSAH, Jamia Hamdard

**Subject: Agenda item of Rufaida College of Nursing for 158<sup>th</sup> meeting of the Standing Committee of the Academic Council**

**Madam**

With reference to the notification No:As/SC-AC(158)/JH-1/2021, dated:10<sup>th</sup> October, 2021, we wish to place following agenda item from Rufaida College of Nursing, in the meeting of the Standing Committee of the Academic Council scheduled on 11<sup>th</sup> October, 2021.

- Minutes of the BOS meeting of Rufaida College of Nursing held on 06/09/2021.

Thanks & regards

Ushama  
05/10/2021

**Veena Sharma**  
Principal  
Rufaida College of Nursing

Enclosure: BOS minutes 06/09/2021

Forwarded for inclusion

A. Khayal  
6/10/21

~~Registrar~~

AR (Acad)

Kindly include

6-10-21



**RUFAIDA COLLEGE OF NURSING  
SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH  
JAMIA HAMDARD (Deemed to be University)  
NEW DELHI**

**MINUTES OF THE MEETING OF THE BOARD OF STUDIES, RUFAIDA COLLEGE  
OF NURSING HELD ON 6<sup>th</sup> SEPTEMBER 2021 AT 3 P.M**

**MEMBERS PRESENT**

- |                                                                                                              |                   |
|--------------------------------------------------------------------------------------------------------------|-------------------|
| 1. Ms. Veena Sharma<br>Principal, Rufaida College of Nursing,<br>Jamia Hamdard, New Delhi                    | -Chairperson      |
| 2. Prof.(Dr.) Nirmala Singh<br>Principal, College of Nursing<br>RML Hospital, New Delhi                      | - Co-Opted Member |
| 3. Ms. Seema Rani<br>Associate Professor<br>Rufaida College of Nursing,<br>Jamia Hamdard, New Delhi          | -Member           |
| 4. Ms. Bindu Shaiju<br>Associate Professor<br>Rufaida College of Nursing,<br>Jamia Hamdard, New Delhi        | -Member           |
| 5. Mr. Eke Lama Tamang<br>Assistant Professor<br>Rufaida College of Nursing,<br>Jamia Hamdard, New Delhi     | -Member           |
| 6. Ms. Jamal Fatima Hashmi<br>Assistant Professor<br>Rufaida College of Nursing,<br>Jamia Hamdard, New Delhi | -Member           |

Members who have expressed their apology and could not attend the meeting were Prof (Dr Manju Chhugani & Prof. (Dr) Mini George

At the outset, the chairperson welcomed all the members of BOS.

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**AGENDA FOR MEETING:**

Agenda of the meeting was as follows:

1. Approval of revised byelaws of Nursing programs (B.Sc Nursing , Post Basic B.Sc Nursing & M.Sc Nursing).
2. Preparation of Panel of experts.

**Business arising from the previous meeting:**

The minutes of the previous BOS meeting held on 17<sup>th</sup> June 2021 were proposed as circulated and passed by Prof.(Dr.) Nirmala Singh and seconded by Mr. Eke Lama Tamang.

**AGENDA ITEM 1: Approval of revised byelaws of Nursing programs (B.Sc Nursing , Post Basic B.Sc Nursing & M.Sc Nursing).**

The chairperson asked for feedbacks and inputs on the revised byelaws of the nursing programs, which was already circulated to the members via email. The changes that were incorporated in the byelaws of the nursing programs were also briefed in the meeting. In light of the Indian Nursing Council's revised B.Sc (Hons) Nursing syllabus and mandate to implement the revised syllabus from academic session 2021, the revised byelaws were unanimously approved and passed by the members.

**AGENDA ITEM 2: Preparation of Panel of experts.**

The chairperson informed that a panel of experts need to be prepared as directed by the Vice Chancellor of the University (Jamia Hamdard). She asked the members to give their suggestions for experts to be included in the panel. The panel was prepared with inputs from the members of BOS.

The meeting was adjourned with thanks to all members.

*Ushara*  
10/09/2021

**Ms. Veena Sharma**  
**Chairperson, BOS**  
Principal, Rufaida College of Nursing,  
Jamia Hamdard, New Delhi

(Prepared by Ms. Bindu Shaiju & Mr.Eke Lama Tamang)

Final Draft  
23/8/2021

10/9/2021

Bye Laws Revised as per new INC syllabus w.e.f July 2021

**JAMIA HAMDARD**  
**Faculty of Nursing**  
**Admission & Examination Rules**  
For the degree of  
**B. Sc. (Hons.) NURSING**  
**Semester system**

**1. Programme:** Bachelor of Science in Nursing B. Sc. (Hons) Nursing

It shall be a fulltime regular course of four years duration. During an academic year, a candidate shall be enrolled only for one programme of study and shall not appear in any other examination of this or any other University. Each academic year will have two semesters.

**2. Medium of Instruction and Examination:** English

**3. Eligibility for admission:** A candidate seeking admission to this course must have:

- (a) Passed 10+2 examination in science from Central Board of Secondary Education, or any other examination recognized by Jamia Hamdard as equivalent thereto, with at least 45% marks in the aggregate of Physics, Chemistry and Biology and must have passed in each of these subjects and English individually.
- (b) Qualified the admission test/interview conducted by Jamia Hamdard.
- (c) Attained the age of 17 years on 31<sup>st</sup> December of the year of admission. The maximum age limit for admission shall be 35 years.
- (d) Have the ability to communicate in English, Hindi or Urdu.
- (e) Have sound health.
- (f) Married candidates are also eligible for admission.
- (g) Color blind candidates are eligible provided that colour corrected contact lens or spectacles are worn by such candidates.

Minimum provision of hostel accommodation for 30% of the total student's intake is compulsory for the institution.

Ullah  
11/10/21

#### 4. Course structure

The Rufaida College of Nursing follows the syllabus prescribed by Indian Nursing Council, which has been duly approved by Academic Council of Jamia Hamdard. The distribution of hours in classroom instruction and supervised Nursing practice in various subjects is given below. The course contents are given in the Syllabus, as per semester system.

**Odd Semester – 1<sup>st</sup> July to 31<sup>st</sup> December\***

**Even Semester – 1<sup>st</sup> January to 30<sup>th</sup> June\***

i. **Duration of the program: 8 semesters (4 years)**

#### 1-7 Semesters

##### One Semester Plan for the first 7 Semesters

Total Weeks per Semester: 26 weeks per semester

Number of Weeks/ Semester for instruction: 20 weeks (40 hours/ week × 20 weeks = 800 hours)

Number of Working Days: Minimum of 100 working days (5 days per week × 20 weeks)

**Eighth semester – Internship:** One semester = 22 weeks × 48 hours per week = 1056 hours

Available weeks/ year	52		
40 hrs per week	semester 1 to 7	semester 8	
Available weeks	26	Available weeks	26
Weeks per Semester for instruction	20	Weeks per Semester for instruction	24
Preparatory leaves and Examination	2	Preparatory leave and Examination	1
Vacation	3	Holiday	1
Holiday	1		
	20x40=800 hrs		22x40=880hrs

\*Tentative/ subject to change as per UGC academic calendar.

## ii. PROGRAM STRUCTURE

B.Sc. Nursing Program Structure			
<p><b>I Semester</b></p> <ol style="list-style-type: none"> <li>1. Communicative English</li> <li>2. Applied Anatomy</li> <li>3. Applied Physiology</li> <li>4. Applied Sociology</li> <li>5. Applied Psychology</li> <li>6. *Nursing Foundations I</li> </ol> <p><i>Mandatory Module</i> *First Aid as part of Nursing Foundation I Course</p>	<p><b>III Semester</b></p> <ol style="list-style-type: none"> <li>1. Applied Microbiology and Infection Control including Safety</li> <li>2. Pharmacology I</li> <li>3. Pathology I</li> <li>4. *Adult Health (Medical Surgical) Nursing I with integrated pathophysiology</li> </ol> <p><i>Mandatory Module</i> *BCLS as part of Adult Health Nursing I</p>	<p><b>V Semester</b></p> <ol style="list-style-type: none"> <li>1. *Child Health Nursing I</li> <li>2. Mental Health Nursing I</li> <li>3. Community Health Nursing I (including Environmental Science &amp; Epidemiology)</li> <li>4. Educational Technology/Nursing Education</li> <li>5. Introduction to Forensic Nursing and Indian Laws</li> </ol> <p><i>Mandatory Modules</i> *Essential Newborn Care (ENBC), Facility Based Newborn Care (FBNBC), IMNCI and PLS as part of Child Health Nursing</p>	<p><b>VII Semester</b></p> <ol style="list-style-type: none"> <li>1. Community Health Nursing II</li> <li>2. Nursing Research &amp; Statistics</li> <li>3. Midwifery/Obstetrics and Gynecology (OBG) Nursing II</li> </ol> <p><i>Mandatory Modules</i> *Safe delivery app under OBG Nursing I/II (VI/VII Semester)</p>
<p><b>II Semester</b></p> <ol style="list-style-type: none"> <li>1. Applied Biochemistry</li> <li>2. Applied Nutrition and Dietetics</li> <li>3. *Nursing Foundations II</li> <li>4. Health/Nursing Informatics &amp; Technology</li> </ol> <p><i>Mandatory Module</i> *Health Assessment as part of Nursing Foundation II Course</p>	<p><b>IV Semester</b></p> <ol style="list-style-type: none"> <li>1. *Pharmacology II</li> <li>2. Pathology II &amp; Genetics</li> <li>3. Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing</li> <li>4. Professionalism, Professional Values &amp; Ethics including Bioethics</li> </ol> <p><i>Mandatory Module</i> *Fundamentals of Prescribing under Pharmacology II *Palliative care module under Adult Health Nursing II</p>	<p><b>VI Semester</b></p> <ol style="list-style-type: none"> <li>1. Child Health Nursing II</li> <li>2. Mental Health Nursing II</li> <li>3. Nursing Management &amp; Leadership</li> <li>4. *Midwifery/Obstetrics and Gynecology (OBG) Nursing I</li> </ol> <p><i>Mandatory Module</i> * SBA Module under OBG Nursing I/II (VI/VII Semester)</p>	<p><b>VIII Semester</b></p> <p>Internship (Intensive Practicum/Residency Posting)</p>

**Note:** No institute/University will modify the curriculum. However they can add units/subject in the syllabus as deemed necessary. #Modules both mandatory and elective shall be certified by the institution/external agency.

**iii. MANDATORY MODULES**

The prepared modules/modules outlined by the Council such as Health Assessment & Fundamentals of Prescribing and available modules as National Guidelines (First Aid – NDMA, IMNCI, ENBC, FBNBC), Palliative Care, Safe Delivery App and SBA module will be provided in separate learning resource package.

For BCLS, PLS – Standard national/international modules can be used.

**iv.ELECTIVE MODULES**

Number of electives to be completed: 3 (Every module = 1 credit = 20 hours)

III & IV Semesters: To complete any one elective by end of 4<sup>th</sup> semester across 1<sup>st</sup> to 4<sup>th</sup> semesters

- Human values
- Diabetes care
- Soft skills

V & VI Semesters: To complete any one of the following before end of 6<sup>th</sup> semester

- CBT
- Personality development
- Addiction psychiatry
- Adolescent health
- Sports health
- Accreditation and practice standards
- Developmental psychology
- Menopausal health
- Health Economics

VII & VIII Semesters: To complete any one of the following before end of 8<sup>th</sup> semester

- Scientific writing skills
- Lactation management
- Sexuality & Health
- Stress management
- Job readiness and employability in health care setting

**1 credit = 20 hours of theory**

**1 credit = 40 hours of lab/ practical**

**1 credit = 80 hours of clinical**

## v. Courses in semesters

S.No	Semester	Course Code	Course/Subject Title	Theor y credits	Theor y Conta ct hours	Lab/ Skill Lab credits	Lab/ Skill Lab Conta ct hours	Clinical credits	Clinic al Conta ct hours	Total credits	Total (hours)
1	First	ENGL 101	Communicative English	2	40						40
		ANAT 105	Applied Anatomy	3	60						60
		PHYS 110	Applied Physiology	3	60						60
		SOCI 115	Applied Sociology	3	60						60
		PSYC 120	Applied Psychology	3	60						60
		N-NF (I) 125	<u>Nursing Foundation I including First Aid module</u>	6	120	2	80	2	160	10	360
		SSCC (I) 130	Self-study/Co-curricular								40+40
			<b>TOTAL</b>	<b>20</b>	<b>400</b>	<b>2</b>	<b>80</b>	<b>2</b>	<b>160</b>	<b>20+2+ 2=24</b>	<b>640+80 = 720</b>
2	Second	BIOC 135	Applied Biochemistry	2	40						40
		NUTR 140	Applied Nutrition and Dietetics	3	60						60
		N-NF (II) 125	<u>Nursing Foundation II including Health Assessment module</u>	6	120	3	120	4	320		560
		HNIT 145	Health/Nursing Informatics & Technology	2	40	1	40				80
		SSCC(II) 130	Self-study/Co-curricular								18+10
			Environmental Studies	2	32						32
			<b>TOTAL</b>	<b>15</b>	<b>292</b>	<b>4</b>	<b>160</b>	<b>4</b>	<b>320</b>	<b>15+4+ 4=23</b>	<b>772+28 = 800</b>
3	Third	MICR 201	Applied Microbiology and Infection Control including Safety	2	40	1	40				80
		PHAR (I) 205	Pharmacology I	1	20						20
		PATH (I) 210	Pathology I	1	20						20

		N-AHN (I) 215	<u>Adult Health Nursing I with integrated pathophysiology including BCLS module</u>	7	140	1	40	6	480	660
		SSCC (I) 220	Self-study/Co-curricular							20
			<b>TOTAL</b>	<b>11</b>	<b>220</b>	<b>2</b>	<b>80</b>	<b>6</b>	<b>480</b>	<b>11+2+6=19</b> <b>780+20=800</b>
4	Fourth	PHAR (II) 205	<u>Pharmacology II including Fundamentals of prescribing module</u>	3	60					60
		PATH (II) 210	Pathology II and Genetics	1	20					20
		N-AHN (II) 225	<u>Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module</u>	7	140	1	40	6	480	660
		PROF 230	Professionalism, Professional Values and Ethics including bioethics	1	20					20
		SSCC(II) 220	Self-study/Co-curricular							40
			<i>Elective Module*</i>							
			<b>TOTAL</b>	<b>12</b>	<b>240</b>	<b>1</b>	<b>40</b>	<b>6</b>	<b>480</b>	<b>12+1+6=19</b> <b>760+40=800</b>
5	Fifth	N-CHN(I) 301	<u>Child Health Nursing I including Essential Newborn Care (ENBC), FBNC, IMNCI and PLS, modules</u>	3	60	1	40	2	160	260
		N-MHN(I) 305	Mental Health Nursing I	3	60			1	80	140
		N-COMH(I) 310	Community Health Nursing I including Environmental Science & Epidemiology	5	100			2	160	260
		EDUC 315	Educational Technology/Nursing Education	2	40	1	40			80
		N-FORN 320	Introduction to Forensic Nursing and Indian laws	1	20					20
		SSCC(I) 325	Self-study/Co-curricular							20+20



			<b>TOTAL</b>	<b>14</b>	<b>280</b>	<b>2</b>	<b>80</b>	<b>5</b>	<b>400</b>	<b>14+2+5=21</b>	<b>760+40=800</b>
6	<b>Sixth</b>	N-CHN(II) 301	Child Health Nursing II	2	40			1	80		120
		N-MHN(II) 305	Mental Health Nursing II	2	40			2	160		200
		NMLE 330	Nursing Management & Leadership	3	60			1	80		140
		N-MIDW(I)/ OBGN 335	<u>Midwifery/Obstetrics and Gynaecology (OBG) Nursing I including SBA module</u>	3	60	1	40	3	240		340
		SSCC(II) 325	Self-study/Co-curricular								-
			<i>Elective Module**</i>								
			<b>TOTAL</b>	<b>10</b>	<b>200</b>	<b>1</b>	<b>40</b>	<b>7</b>	<b>560</b>	<b>10+1+7=18</b>	<b>800</b>
7	<b>Seventh</b>	N-COMH(II) 401	Community Health Nursing II	5	100			2	160		260
		NRST 405	Nursing Research & Statistics	2	40	2	80				120
		N-MIDW(II)/ OBGN 410	<u>Midwifery/Obstetrics and Gynaecology (OBG) Nursing II including Safe delivery app module</u>	3	60	1	40	4	320		420
			Self-study/Co-curricular								-
			<b>TOTAL</b>	<b>10</b>	<b>200</b>	<b>3</b>	<b>120</b>	<b>6</b>	<b>480</b>	<b>10+3+6=19</b>	<b>800</b>
8	<b>Eight (Internship)</b>	INTE 415	Community Health Nursing – 4 weeks								
		INTE 420	Adult Health Nursing – 6 weeks								
		INTE 425	Child Health Nursing – 4 weeks								

INTE 430	Mental Health Nursing – 4 weeks						
INTE 435	Midwifery – 4 weeks						
	Disaster Management	2	40				
	Introduction to Unani Medicine	2	40				
	<i>Elective Module***</i>						
	<b>TOTAL = 22 weeks</b>	<b>4</b>	<b>80</b>		<b>12</b>	<b>1056</b>	<b>4+ 12 =16</b>
					(1 credit = 4 hours per week per semester )		{4 hours × 22 weeks = 88 hours × 12 credits = 1056 hours} (48 hours per week × 22 weeks)

- \*To be completed in I/II/III/IV semester
- \*\*To be completed in V/VI semester
- \*\*\*To be completed in VII/VIII semester

**vi. DISTRIBUTION OF CREDITS AND HOURS BY COURSES, INTERNSHIP AND ELECTIVES**

**Total number of course credits including internship and electives – 156 (141+12+3)**

S.No.	Credits	Theory (Cr/Hrs)	Lab (Cr/Hrs)	Clinical (Cr/Hrs)	Total credits	Hours
1	Course credits	96 credit per 1912 hours	15/600	36/2880	147	5392
2	Internship				12	1056

3	Electives			3	60
	Total			156	6396
4	Self study Saturdays (1 Semester= 5 hours per and co-week X 20 weeks X 7 semesters= 700 curriculum hours)			12 35	240 700
				47	940

**Distribution of credits, hours and percentage for theory and practicum (Skill Lab & Clinical) across eight semesters**

S.No.	Theory & Practicum (Skill Lab & Clinical)	Credits	Hours	Percentage
1	Theory	96	1912	30
2	Lab/Skill Lab	15	600	9
3	Clinical	36	3936	61
	Total	147	6448 hours	100

**Practicum (7 semesters) excluding internship**

Lab/skill lab/simulation lab – 600 (17%)

Clinical – 2880 (83%)

Total – 3480

Lab/skill lab/simulation lab = 17% of the total practicum planned

Note: Besides the stipulated lab and clinical hours, a maximum of 13% (400-450 hours) from the clinical hours can be used in simulation lab/skill lab for skill lab/simulation learning and not to exceed 30% of total hours.

**5. SCHEME OF EXAMINATION**

The distribution of marks in internal assessment, End Semester College Exam, and End Semester University Exam for each course is shown below.

**I SEMESTER**

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College Exam	End Semester University Exam	Hours	Total Marks
<b>Theory</b>						
1	Communicative English	25	25		2	50
2	Applied Anatomy & Applied Physiology	25		75	3	100
3	Applied Sociology & Applied Psychology	25		75	3	100
4	Nursing Foundations I	*25				
<b>Practical</b>						
5	Nursing Foundations I	*25				

\*Will be added to the internal marks of Nursing Foundations II Theory and Practical respectively in the next semester (Total weightage remains the same)

**Example:**

**Nursing Foundations Theory:** Nursing Foundations I Theory Internal marks in 1<sup>st</sup> semester will be added to Nursing Foundations II Theory Internal in the 2<sup>nd</sup> semester and average of the two semesters will be taken.

**II SEMESTER**

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College Exam	End Semester University Exam	Hours	Total Marks
<b>Theory</b>						
1	Applied Biochemistry and Applied Nutrition & Dietetics	25		75	3	100
2	Nursing Foundations (I & II)	25 I Sem-25 & II Sem-25 (with average of both)		75	3	100
3	Health/Nursing Informatics & Technology	25	25		2	50
4	Environmental Studies	25		75	3	100
<b>Practical</b>						
4	Nursing Foundations (I & II)	50 I Sem-25 & II Sem-25		50		100

## III SEMESTER

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
<b>Theory</b>						
1	Applied Microbiology and Infection Control including Safety	25		75	3	100
2	Pharmacology I and Pathology I	*25				
3	Adult Health Nursing I	25		75	3	100
<b>Practical</b>						
4	Adult Health Nursing I	50		50		100

\*Will be added to the internal marks of Pharmacology II and Pathology II & Genetics in the next semester (Totalweightage remains the same).

## IV SEMESTER

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
<b>Theory</b>						
1	Pharmacology & Pathology (I & II) and Genetics	25 III Sem-25 & IV Sem-25 (with average of both)		75	3	100
2	Adult Health Nursing II	25		75	3	100
3	Professionalism, Ethics and Professional Values	25	25		2	50
<b>Practical</b>						
4	Adult Health Nursing II	50		50		100

## V SEMESTER

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
<b>Theory</b>						
1	Child Health Nursing I	*25				
2	Mental Health Nursing I	*25				
3	Community Health Nursing I including Environmental Science & Epidemiology	25		75	3	100
4	Educational Technology/Nursing Education	25		75	3	100

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5	Introduction to Forensic Nursing and Indian Laws	25	25		2	50
	<b>Practical</b>					
6	Child Health Nursing I	*25				
7	Mental Health Nursing I	*25				
8	Community Health Nursing I	50		50		100

\*Will be added to the internal marks of Child Health Nursing II and Mental Health Nursing II in both theory and practical respectively in the next semester (Total weightage remains same).

#### VI SEMESTER

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
	<b>Theory</b>					
1	Child Health Nursing (I & II)	25 Sem V-25 & Sem VI-25 (with average of both)		75	3	100
2	Mental Health Nursing (I & II)	25 Sem V-25 & Sem VI-25 (with average of both)		75	3	100
3	Nursing Management & Leadership	25		75	3	100
4	Midwifery/Obstetrics & Gynecology I	*25				
	<b>Practical</b>					
5	Child Health Nursing (I & II)	50 (Sem V-25 & Sem VI-25)		50		100
6	Mental Health Nursing (I & II)	50 (Sem V-25 & Sem VI-25)		50		100
7	Midwifery/Obstetrics & Gynecology I	*25				

\*Will be added to Internal marks of Midwifery II theory and practical respectively in the next semester (Total weightage remains the same)

#### VII SEMESTER

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College Exam	End Semester University Exam	Hours	Total marks
	<b>Theory</b>					
1	Community Health Nursing II	25		75	3	100

2	Nursing Research & Statistics	25		75	3	100
3	Midwifery/Obstetrics and Gynecology (OBG) Nursing (I & II)	25 Sem VI-25 & Sem VII-25 (with average of both)		75	3	100
<b>Practical</b>						
4	Community Health Nursing II	50		50		100
5	Midwifery/Obstetrics and Gynecology (OBG) Nursing (I & II)	50 (Sem VI-25 & Sem VII-25)		50		100

## VIII SEMESTER

S.No.	Course	Assessment (Marks)				
		Internal	End Semester College Exam	End Semester University Exam	Hours	Total marks
<b>Theory</b>						
1	Disaster Management	25		75	3	100
2	Introduction to Unani Medicine	25		75	3	100
<b>Practical</b>						
3	Competency Assessment	100		100		200

## 6. EXAMINATION REGULATIONS

### Note:

1. Applied Anatomy and Applied Physiology: Question paper will consist of Section-A Applied Anatomy of 37 marks and Section-B Applied Physiology of 38 marks.
2. Applied Sociology and Applied Psychology: Question paper will consist of Section-A Applied Sociology of 37 marks and Section-B Applied Psychology of 38 marks.
3. Applied Microbiology and Infection Control including Safety: Question paper will consist of Section-A Applied Microbiology of 37 marks and Section-B Infection Control including Safety of 38 marks.
4. Applied Nutrition and Dietetics and Applied Biochemistry: Question paper will consist of Section-A Applied Nutrition and Dietetics of 50 marks and Section-B Biochemistry of 25 marks.
5. Pharmacology, Genetics and Pathology: Question paper will consist of Section-A of Pharmacology with 38 marks, Section-B of Pathology with 25 marks and Genetics with 12 marks.
6. Nursing Research and Statistics: Nursing Research should be of 55 marks and Statistics of 20 marks.
7. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each course/subject for appearing for examination.
8. A candidate must have 100% attendance in each of the practical areas before award of degree.
9. Following exams shall be conducted as College exam and minimum pass is 50% (C Grade) and to be sent to the University for inclusion in the marks sheet and shall be considered for calculating aggregate.



- i. Communicative English
- ii. Health/Nursing Informatics and Technology
- iii. Professionalism, Professional Values and Ethics including Bioethics
- iv. Introduction to Forensic Nursing & Indian Laws

10. Minimum pass marks shall be 40% (P grade/4 point) for EVS, Unani Medicine, Disaster Management and elective modules.

11. Minimum pass marks shall be 50% in each of the Theory and practical papers including English.

12. The student has to pass in all **mandatory modules** placed within courses and the pass mark for each module is 50% (C Grade). The allotted percentage of marks will be included in the internal assessment of College/University Examination

13. A candidate has to pass in theory and practical exam separately in each of the paper.

14. If a candidate fails in either theory or practical, he/she has to re-appear for both the papers (Theory and Practical).

15. If the student has failed in only one subject and has passed in all the other subjects of a particular semester and Grace marks of up to 5 marks to theory marks can be added for one course/subject only, provided that by such an addition the student passes the semester examination.

16. The candidate shall appear for exams in each semester:

- i. The candidate shall have cleared all the previous examinations before appearing for fifth semester examination. However, the candidates shall be permitted to attend the consecutive semesters.

- ii. The candidate shall have cleared all the previous examinations before appearing for seventh semester examination. However, the candidates shall be permitted to attend the consecutive semesters.

iii. The candidate shall have cleared all the previous examination before appearing for final year examination.

iv. The maximum period to complete the course successfully should not exceed 8 years.

17. The candidate has to pass separately in internal and external examination (shall be reflected in the marks sheet). No institution shall submit average internal marks of the students not more than 75% (i.e. if 40 students are admitted in a course the average score of the 40 students shall not exceed 75% of total internal marks).

18. At least 50% of the Non-nursing subjects like Applied Anatomy & Physiology, Applied Biochemistry, Applied Psychology & Sociology, Applied Microbiology, Pharmacology, Genetics, Nutrition & Dietetics, Communicative English and Health/Nursing Informatics & Technology should be taught by the Nursing teachers. Teachers who are involved in teaching non-nursing subjects can be the examiners for the program.

19. Maximum number of candidates for practical examination should not exceed 20 per day. Particular year and of same institution batch shall be examined by the same set of examiners.

20. All practical examinations must be held in the respective clinical areas.

21. One internal and one external examiner should jointly conduct practical examination for each student.

22. An examiner for theory and practical/OSCE examination should be an Assistant Professor or above in a College of Nursing with M.Sc. (Nursing) in concerned subject and minimum 3 years of teaching experience. To be an examiner for Nursing Foundations course, the faculty having M.Sc. (Nursing) with any specialty shall be considered.

## 7. Internal Assessment

- (a) For the purpose of internal assessment, there will be continuous assessment and sessional examinations. The teacher may conduct additional class tests and quizzes as they may deem necessary.
- (b) Each test will be of 2 hours duration. These will be conducted by the respective teachers as per a notified schedule during the regular teaching slots. There will be no provision for special or additional internal assessment tests.
- (c) The answer books of the semester tests shall be shown to the students and taken back with their signatures on these. The semester answer books shall be retained in the department till the end of the academic term.
- (d) The students shall be required to maintain the observation visit reports/ other such assessments, including diary, for assessment by the teachers concerned in each case. Besides the class tests, marks will be given for day to day work and assignments in the following:
- (a) Case presentation
  - (b) Nursing Care plan
  - (c) Case study
  - (d) Seminar
  - (e) Daily Diary
  - (f) Return demonstrations
  - (g) Monthly clinical evaluation
  - (h) Maintenance of Midwifery Case book
  - (i) Practice Practical exams.
- (e) A regular record of Theory and Practical class work and examinations conducted in a semester shall be maintained by the teachers for each student.
- (f) Twenty five marks shall be awarded for Internal Assessment in theory papers. The candidates must secure a minimum of 50% marks in each paper in internal assessment. Otherwise the student shall not be allowed to take up the end semester examination. For subsidiary/

qualifying papers and elective modules, a student must secure a minimum of 40% marks. Fifty marks shall be awarded in Practical subjects as given in the Scheme of Examination.

- (g) The semester test marks awarded by the teacher on internal assessment will be submitted to the Principal/Dean. These would also be displayed on the Notice Board and sent to students homes.
- (h) The average internal marks of the test students shall not be more than 75%.

## **INTERNAL ASSESSMENT GUIDELINES**

### **Theory**

#### **I. Continuous Assessment: 10 marks**

1. Attendance – **2 marks** (95-100%: 2 marks, 90-94: 1.5 marks, 85-89: 1 mark, 80-84: 0.5 mark, <80: 0)
2. Written assignments (Two) – **10 marks**
3. Seminar/microteaching/individual presentation (Two) – **12 marks**
4. Group project/work/report – **6 marks**

**Total = 30/3 = 10**

**If there is mandatory module in that semester, marks obtained by student out of 10 can be added to 30 totaling 40 marks**

**Total = 40/4 = 10 marks**

#### **II. Sessional Examinations: 15 marks**

Two sessional exams per course

##### **Exam pattern:**

MCQ –  $4 \times 1 = 4$

Essay –  $1 \times 10 = 10$

Short –  $2 \times 5 = 10$

Very Short –  $3 \times 2 = 6$

**30 marks  $\times$  2 = 60/4 = 15**

### **Practical**

**I. Continuous Assessment: 10 marks**

1. Attendance – **2 marks** (95-100%: 2 marks, 90-94: 1.5 marks, 85-89: 1 mark, 80-84: 0.5 mark, <80: 0)
2. Clinical assignments – **10 marks**  
(Clinical presentation – 3, drug presentation & report – 2, case study report – 5)
3. Continuous evaluation of clinical performance – **10 marks**
4. End of posting OSCE – **5 marks**
5. Completion of procedures and clinical requirements – **3 marks**

**Total = 30/3 = 10**

**II. Sessional Examinations: 15 marks****Exam pattern:**

OSCE – 10 marks (2-3 hours)

DOP – 20 marks (4-5 hours)

*{DOP – Directly observed practical in the clinical setting}*

**Total = 30/2 = 15**

**Note:** For Adult Health Nursing I, Adult Health Nursing II, Community Health Nursing I & Community Health Nursing II, the marks can be calculated as per weightage. Double the weightage as 20 marks for continuous assessment and 30 for sessional exams.

**Competency Assessment: (VIII Semester)****Internal assessment**

Clinical performance evaluation –  $10 \times 5$  specialty = 50 marks

OSCE =  $10 \times 5$  specialty = 50 marks

**Total = 5 specialty  $\times$  20 marks = 100**

## 8. Attendance

- (a) All students must attend every lecture and practical class. However, to account for late joining or other such contingencies, the attendance requirement for appearing in the examinations shall be a minimum of 80% of the classes actually held.
- (b) In order to maintain the attendance record of a particular course, a roll call will be taken by the teacher in every scheduled lecture and practical class. For the purposes of attendance, every scheduled practical class will count as one attendance unit, irrespective of the number of contact hours.
- (c) The teacher incharge will consolidate the attendance record for the lectures and practicals for each semester. Attendance on account of participation in the prescribed functions of NCC, NSS, Inter-university sports, and educational tours/field work shall be credited to the aggregate, provided the attendance record, duly countersigned by the Officer incharge, is sent to the Dean of Faculty within two weeks of the function/activity, etc. The student shall be apprised of her attendance status every month by teacher.
- (d) The statements of attendance of students shall be displayed on the department notice board at the close of each semester as given in the university calendar. A copy of the same shall be sent to the Head of Department/ Office of Dean of Faculty for record. Notice displayed on notice board shall be deemed to be a proper notification, and no individual notice shall be sent to students.
- (e) If a student is found to be continuously absent from the classes without information for a period of 30 days, the teacher incharge shall report it to the Head of Department/ Dean for appropriate disciplinary action according to the university rules.
- (f) A student with less than 80 %attendance of the lectures and practicals separately in each subject/course in a semester shall be detained from appearing in the end semester examination. The Dean of Faculty concerned may consider application for the condonation of attendance up to 5% on account of sickness, provided the application for condonation of attendance, duly certified by a Registered Medical practitioner/Public Hospital had been submitted within 5 days from the recovery from illness. Condonation of attendance on

account of any other extenuating circumstances may also be considered, provided the request is duly supported by documentary evidence.

- (g) A student detained on account of attendance will be re-admitted to the same class in the next academic year on payment of current fees except enrolment fee and security deposits.

### 9. Eligibility for appearing in Examination

A student seeking to appear in examination to be held at the end of each semester must have pursued the course of study for the semester, and must have completed the prescribed attendance requirements. Candidate shall be required to pass separately in both sections (theory and practical).

### 10. Scheme of examination

- a) English shall be the medium of instruction and examination.
- b) Examinations shall be conducted at the end of each semester as per the academic calendar.
- c) Each theory paper will carry 100 marks and will have following components
 

1) Internal assessment	25 marks
➤ Continuous Assessment	10 marks
➤ Sessional examination	15 marks
2) End semester examination	75 marks
- d) The theory and practical paper marks allocation shall be as per the scheme of examination
- e) The duration of end semester examination in theory as well as practical papers will be 3-hours, and 2 hours for the specified subjects.
- f) Examiners shall examine students orally during the Practical examination and take cognizance of their performance when marking their papers.
- g) A student shall not be declared to have passed the examination unless he/she secures at least 50% marks in each of the subjects separately in the theory as well as practical examinations, including internal assessment marks. Each theory paper or practical

examination shall be considered as a separate paper. For elective modules and qualifying/subsidiary subjects the pass marks shall be 40 % and above.

- h) One week leave shall be given as preparatory leave before the commencement of end semester examinations.
- i) No candidate shall be awarded the B.Sc. degree unless: (i) she has passed in all the qualifying subjects as stated in Scheme of examination; (ii) the total clinical experience prescribed has been completed before Final year; and (iii) Compulsory Internship for 22 weeks has been completed as integrated internship practice, as per INC syllabus.

### 11. Credit scheme

Each course in a semester shall have a certain number of credits assigned to it depending upon the number of lecture, tutorial and practical periods per week.

Two credit hours are equal to 40 hours of teaching for theory, one credit hour is equal to 40 hours for practical or lab practice and one credit hour is equal to 80 hours of clinical. Credits for theory and practical are given against the subject in the course syllabus.

### Grading of Performance

Based on the performance, each student shall be awarded a final grade at the end of the semester for each course. Absolute grading is used by converting the marks to grade, based on predetermined class intervals. UGC 10 point grading system is used with pass grade modified

Letter grade	Grade point	Percentage of marks
O (Outstanding)	10	100%
A+ (Excellent)	9	90-99.99%
A (Very Good)	8	80-89.99%
B+ (Good)	7	70-79.99%
B (Above Average)	6	60-69.99%
C (Average)	5	50-59.99%
P (Pass)	4	40-49.99%
F (Fail)	0	

For Nursing Courses and all other courses – Pass is at C Grade (5 grade point) 50% and above

For English and electives – Pass is at P Grade (4 grade point) 40% and above



## Evaluation of performance

**Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)** SGPA is the weighted average of the grade points obtained in all courses by the student during the semester (All courses excluding English and electives)

### Ex. SGPA Computation

Course Number	Credit/s	Letter grade	Grade point	Credit point (Credit × grade)
1	3 (C1)	A	8 (G1)	3 × 8 = 24
2	4 (C2)	B+	7 (G2)	4 × 7 = 28
3	3 (C3)	B	6 (G3)	3 × 6 = 18

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3}{C1 + C2 + C3}$$

$$= \frac{70}{10} = 7 \text{ (rounded off to two decimal points)}$$

### Computation of CGPA

CGPA is calculated with SGPA of all semesters to two decimal points and is indicated in final grade in mark card/transcript showing grades of all 8 semesters and their courses/subjects. CGPA reflects the failed status in case of fail till the course/s are passed.

Semester I	Semester 2	Semester 3	Semester 4
Credit – Cr Cr: 20 SGPA: 6.5 Cr × SGPA = 20 × 6.5	Cr: 22 SGPA: 7.0	Cr: 25 SGPA: 5.5	Cr: 26 SGPA: 6.0

$$\text{CGPA} = \frac{20 \times 6.5 + 22 \times 7 + 25 \times 5.5 + 26 \times 6}{93}$$

$$= \frac{577.5}{93} = 6.2$$

## 12. Pass percentage and promotion criteria

- Minimum pass marks shall be 40% (P grade/4 point) for subsidiary/ qualifying papers and elective modules.

- Minimum pass marks shall be 50% in each of the Theory and practical papers including English.
- The student has to pass in all mandatory modules placed within courses and the pass mark for each module is 50% (C Grade). The allotted percentage of marks will be included in the internal assessment of College/University Examination
- Following exams shall be conducted as College exam and minimum pass is 50% (C Grade) and to be sent to the University for inclusion in the marks sheet and shall be considered for calculating aggregate.
  - i. Communicative English
  - ii. Health/Nursing Informatics and Technology
  - iii. Professionalism, Professional Values and Ethics including Bioethics
  - iv. Introduction to Forensic Nursing & Indian Laws
- A candidate has to pass in theory and practical exam separately in each of the paper.
- If a candidate fails in either theory or practical, he/she has to re-appear for both the papers (Theory and Practical).
- If the student has failed in only one subject and has passed in all the other subjects of a particular semester and Grace marks of up to 5 marks to theory marks can be added for one course/subject only, provided that by such an addition the student passes the semester examination.
- The candidate shall appear for exams in each semester:
  - i. The candidate shall have cleared all the previous examinations before appearing for fifth semester examination. However, the candidates shall be permitted to attend the consecutive semesters.
  - ii. The candidate shall have cleared all the previous examinations before appearing for seventh semester examination. However, the candidates shall be permitted to attend the consecutive semesters.
  - iii. The candidate shall have cleared all the previous examination before appearing for final year examination.
  - iv. The maximum period to complete the course successfully should not exceed 8 years.
- The candidate has to pass separately in internal and external examination (shall be reflected in the marks sheet). No institution shall submit average internal marks of the students not more than 75% (i.e. if 40 students are admitted in a course the average score of the 40 students shall not exceed 75% of total internal marks).

#### **Reappearance in passed papers for improvement**

- a) A student may reappear in any theory paper prescribed for a semester for improvement, on foregoing in writing her/his previous performance in the paper(s) concerned. This can be done in the immediate subsequent semester examination only (for example, a student

- reappearing in a paper prescribed for semester I examination, may do so along with subsequent semester III examination and not along with papers for semester V).
- b) A candidate who has cleared the papers of III year (V & VI semesters) may reappear for improvement in any paper of V & VI semester only once, at the immediate subsequent examination on foregoing in writing her/his previous performance in the paper(s) concerned, within the prescribed span period.
  - c) In the case of reappearance in a paper, the result will be prepared on the basis of candidate's current performance in the examination.
  - d) In the case of a candidate, who opts to re-appear in any paper(s) under to aforesaid provisions, on surrendering her/his earlier performance but fails to re-appear in the paper(s) concerned, the marks previously secured by the candidate in the paper(s) in which she/he has failed to re-appear shall be taken into account while determining her/his result of the examination held currently.
  - e) Reappearance in practical examinations shall not be allowed.
  - f) A student who reappears in paper shall carry forward the internal assessment marks, originally awarded.

### 13. Classification of Successful Candidates

The result of successful candidates who fulfill the criteria for the award of degree shall be classified at the end of last semester, on the basis of his/her CGPA.

Classification shall be done on the basis of his/her CGPA

- She/he shall be awarded "Distinction" if her/his final CGPA is 7.5 and above and passed all the semester examinations in the first attempt.
- She/he shall be awarded "First Division" if her/his final CGPA is 6.00-7.49 and above but less than 7.5
- Se/he shall be awarded "Second Division" if her/his final CGPA is 5.00-5.99 and above but less than 6.00

(a) A student shall be eligible for award of Gold Medal, subject to the following criteria:

- i) He (she) has secured the highest marks in aggregate of examinations of all the semesters of the programme of study.
- ii) He (she) has obtained a minimum of 7.5 and above as the CGPA, as stated in (i) above.
- iii) He (she) has passed all examinations, including qualifying courses, if any, in first attempt.

### 14. Span Period

The span period is 8 years, that is total period to complete the course shall be maximum of 8(eight) years only.

**15. Supplementary examinations**

There will be supplementary /improvement examination after each semester/annual examination.

**16. Failed students**

Failed students shall appear in the examination as per rules prescribed for ex-students.

**17. Other Conditions**

(a) A minimum of 6 weeks' vacation shall be given each year.

*Sam*  
*10/9/2021*  
*Coordinator*

*Alshams*  
*29/9/21*

*Alshams*  
*11/10/21*

*Mychar*  
*10/9/21*

**JAMIA HAMDARD**  
**RUFAIDA COLLEGE OF NURSING**  
**ADMISSION AND EXAMINATION RULES**  
For the degree of (Post Basic B. Sc. Nursing)  
**REVISED BYELAWS WITH EFFECT FROM AUGUST 2021**

**1. Programme:** Bachelor of Science in Nursing (Post Basic B. Sc. Nursing). It shall be a fulltime regular course of 2 yrs duration. During an academic year, a candidate shall be enrolled only for one programme of study and shall not appear in any other examination of this or any other University.

**2. Medium of Instruction and Examination:** English

**3. Eligibility for admission:**

- a) DGNM qualification from Nursing School/College recognized by the Indian Nursing Council
- b) Passed 10+2 or Senior Secondary/Intermediate from Central Board of Secondary Education, or any other equivalent examination recognized by Jamia Hamdard as equivalent thereto.
- c) Registered as RN(Registered Nurse) and RM(Registered Midwife) under State Nursing Council
- d) Qualified the admission test/interview conducted by Jamia Hamdard.
- e) Ability to communicate in English and Hindi.
- f) Sound health.

**4. Course structure**

Rufaida College of Nursing follows the syllabus prescribed by Indian Nursing Council, which has been duly approved by Academic Council of Jamia Hamdard. The distribution of hours in class room instruction and supervised nursing practice in various subjects is given below. The course content is given in the syllabus.

**5. Duration**

**I<sup>st</sup> Year**

Course duration	=	1 year
Weeks available per year	=	52 weeks
Vacations	=	4weeks
Gazette holidays	=	2 weeks
Examination (including preparatory)	=	4 weeks
Available weeks	=	42 weeks(Including 2week summer posting)
Hours per week	=	40 hours/week
Practical	=	30 hours/week
Theory	=	10 hours/week
Hours available in the academic year	=	1680 hours

*Ullhas*  
*11/10/21*

Total hours required for theory, practical and summer posting =  $525 + 810 + 80 = 1415$  Hours

## II<sup>nd</sup> Year

Course duration = 1 year  
 Weeks available per year = 52 weeks  
 Vacations = 4 weeks  
 Gazette holidays = 2 weeks  
 Examination (including preparatory) = 4 weeks  
 Available weeks = 42 weeks (Including 4 weeks summer posting)  
 Hours per week = 40 hours/week  
 Practical = 30 hours/week  
 Theory = 10 hours/week  
 Hours available in the academic year = 1680 hours  
 Total hours required for theory, practical and summer posting =  $345 + 855 + 160 = 1360$  Hours

### Note:

1. A candidate must have 100% attendance in each of the practical area before award of degree.
2. A candidate has to pass in theory and practical exam separately in each of the paper.
3. If a candidate fails in either theory or practical paper, he/ she have to appear for both the papers (Theory and Practical).
4. Maximum number of attempts permitted for each paper is three including first attempt.
5. A candidate failing in more than two subjects will not be promoted to the next year.
6. Candidate shall not be admitted to the subsequent higher examination unless the candidate has passed the previous examination.
7. Maximum number of candidates for practical examination should not exceed 20 per day.
8. All practical examination will be held in respective clinical areas.
9. One internal and one external examiner should jointly conduct practical examination for each student.
10. An examiner should be lecturer and above in a college of nursing with M.Sc. (N) in concerned subject and minimum of three years of teaching experience. To be an examiner for Nursing Foundation course, faculty having M.Sc. (N) with any specialty shall be considered.

### 6. Course Structure

The course structure has been based on the guidelines given by the Indian Nursing Council. The distribution of hours in the classroom instruction and practical in the various subjects is given below.

S.No.	Subject	Hours Theory	Hours Practical
<b>1<sup>st</sup> year</b>			
1.	Nursing foundation	45	
2.	Nutrition and dietetics	30	15
3.	Biochemistry and biophysics	60	
4.	Psychology	60	15
5.	Maternal Nursing	60	240
6.	Child Health Nursing	60	240
7.	Microbiology	60	30
8.	Medical and Surgical Nursing	90	270
9.	English (qualifying)	60	
<b>Total</b>		<b>525</b>	<b>810</b>

Note: Hindi/local language as per the need of the institution.

S.No.	Subject	Hours Theory	Hours Practical
<b>2<sup>nd</sup> year</b>			
1.	Sociology	60	
2.	Community Health Nursing	60	240
3.	Mental Health Nursing	60	240
4.	Introduction to Nursing Education	60	75
5.	Introduction to Nursing Administration	60	180
6.	Introduction to Nursing Research and Statistics	45	120
<b>Total</b>		<b>345</b>	<b>855</b>

## 7. Scheme of Examination

Theory for lecture/tutorial, 1 credit= 15 hours and for practical, 1 credit=30 hours

S.No	Paper Code	Subject	Duration	Theory/ Practical Hours	Int. Ass.	Ext. Ass.	Total Marks	L-P Hours/ Week	Credit
<b>1<sup>st</sup> Year</b>									
1.	BSN PB- 101	Nursing Foundation	2	45	15	35	50	1-0	3
2.	BSN PB- 102	Nutrition & Dietetics (Theory)	2	30	15	35	50	1-0	3
3.	BSN PB- 103	Biochemistry & Biophysics	3	60	25	75	100	2-0	4
4.	BSN PB- 104	Psychology	3	60	25	75	100	2-0	4
5.	BSN PB- 105	Microbiology	3	60	25	75	100	2-0	4
6.	BSN PB- 106	Maternal Nursing (Theory)	3	60	25	75	100	2-0	4
		Maternal Nursing (Practical)		240				50	50
7.	BSN PB- 107	Child Health Nursing (Theory)	3	60	25	75	100	2-0	4
		Child Health Nursing (Practical)		240				50	50
8.	BSN PB- 108	Medical & Surgical Nursing (Theory)	3	90	25	75	100	2-0	6
		Medical & Surgical Nursing (Practical)		270				50	50
9.	BSN PB-	English (Qualifying)*	3	60	25	75	100	2-0	4



	109								
<b>II<sup>nd</sup> Year</b>									
1.	BSN PB-201	Sociology	3	60	25	75	100	1-0	4.
2.	BSN PB-202	Community Health Nursing (Theory)	3	60	25	75	100	1-0	4
		Community Health Nursing (Practical)		240	50	50	100	0-5	8
3.	BSN PB-203	Mental Health Nursing (Theory)	3	60	25	75	100	1-0	4
		Mental Health Nursing (Practical)		240	50	50	100	0-5	8
4.	BSN PB-204	Introduction to Nursing Education (Theory)	3	60	25	75	100	1-0	4
5.	BSN PB-205	Introduction to Nursing Administration (Theory)	3	60	25	75	100	1-0	4
6.	BSN PB-206	Introduction to Nursing Research & Statistics**	2	45	50	-	50	1-0	3

Note: \* Qualifying Examination

\*\*College Examination (not University Examination)

### Tutorial

**Post Basic B.Sc. Nursing First year:** Remaining 265 available hours will be used as tutorial for each subject towards counseling of students, remedial measures of weak students, extra classes and problem solving.

**Post Basic B.Sc. Nursing Second year:** Remaining 320 hours available hours will be used as tutorial for each subject towards counseling of students, remedial measures of weak students, extra classes and problem solving.

**Elective modules:** Students have to complete one online module / course. After completion of the module the marks will be included in the internal assessment of the respective years. Students can choose any one of the following module.

- I. First year: Essential new born care or IMNCI.
- II. Second year: SBA module or safe delivery app.

**N.B.:**

1. Teaching of Anatomy, Physiology, Pharmacology and pathology will be integrated with clinical subjects.
2. A minimum of 80% attendance in theory and 80% in practical/clinical in each subject is essential for appearing in the examination.
3. 100% attendance in practical/clinical in each clinical area is essential before award of degree.
4. 50% of minimum marks in each theory and practical paper separately are required for passing.
5. **A candidate has to secure minimum of 50 % in qualifying subject for passing**

**8. Internal Assessment**

- (a) For the purpose of internal assessment, there will be two written Sessional tests in each academic year, both in Theory and Practical.
- (b) Each test will be of 2 hours duration. These will be conducted by the respective teachers as per a notified schedule during the regular teaching slots. There will be no provision for special or additional internal assessment tests.
- (c) The answer books of the Sessional tests shall be shown to the students and taken back with their signatures on these. The Sessional test answer books shall be retained in the Department till the end of the academic term.
- (d) The students shall be required to maintain the observation visit reports/ other such assessments, including diary, for assessment by the teachers concerned in each case. Besides the class tests, marks will be given for day to day work and assignments in the following:
  - (a) Case presentation
  - (b) Nursing Care plan
  - (c) Case study
  - (d) Seminar
  - (e) Daily Diary
  - (f) Return demonstrations
  - (g) Monthly clinical evaluation
  - (h) Maintenance of Midwifery Case book
  - (i) Practice Practical exams.

- (e) A regular record of Theory and Practical class work and examinations conducted in an academic year shall be maintained by the teachers for each student.
- (f) Twenty five marks shall be awarded for Internal Assessment in theory papers. The candidates must secure a minimum of 50% marks in each paper in internal assessment otherwise the student shall not be allowed to take up the annual examination. Fifty marks shall be awarded in Practical subjects as given in the Scheme of Examination.
- (g) The final sessional marks awarded by the teacher on internal assessment will be submitted to the Principal/Dean, who shall forward the same to the Registrar within 10 days of the last Sessional test held. These would also be displayed on the Notice Board.

### **9. Attendance**

- (a) All students must attend every lecture and practical class. However, to account for late joining or other such contingencies, the attendance requirement for appearing in the examinations shall be a minimum of 80% of the classes actually held.
- (b) In order to maintain the attendance record of a particular course, a roll call will be taken by the teacher in every scheduled lecture and practical class. For the purposes of attendance, every scheduled practical class will count as one attendance unit, irrespective of the number of contact hours.
- (c) The teacher incharge will consolidate the attendance record for the lectures and practicals for each term. Attendance on account of participation in the prescribed functions of NCC, NSS, Inter-university sports and educational tours/field work shall be credited to the aggregate, provided the attendance record, duly countersigned by the officer incharge, is sent to the Dean of Faculty within two weeks of the function/activity, etc.
- (d) The statements of attendance of students shall be displayed on the Department Notice Board at the close of each term as given in the University Calendar. A copy of the same shall be sent to the Head of Department/ Office of Dean of Faculty for record. Notice displayed on Notice Board shall be deemed to be a proper notification, and no individual notice shall be sent to students.
- (e) If a student is found to be continuously absent from the classes without information for a period of 30 days, the teacher incharge shall report it to the Head of Department/ Dean for striking off the name of such a student from rolls. Such a student may, however, apply for readmission within 15 days of the notice of striking off the name. The request may be considered by the Dean for readmission. Such a student shall not be re-admitted after the prescribed period. The readmission shall be effected on payment of prescribed readmission fees.
- (f) A student with less than 80% attendance of the lectures and 80% practical separately in each subject/course in an academic year shall be detained from appearing in the Annual University examination. The Dean of Faculty concerned may consider application for the condonation of attendance upto 5% on account of sickness, provided the application for condonation of attendance, duly certified by a Registered Medical practitioner/Public

Hospital had been submitted within 5 days from the recovery from illness. Condonation of attendance on account of any other extenuating circumstances may also be considered, provided the request is duly supported by documentary evidence.

- (g) A student detained on account of attendance will be re-admitted to the same class in the next academic year on payment of current fees except Enrolment fee, Identity card fee and Security deposits.

#### 10. Eligibility for admission to Examination

A student seeking admission to the examination to be held at the end of each academic year must have pursued the course of study for one academic year, and must have completed the prescribed attendance requirements. In case of practical papers, the candidate shall be required to pass separately in both sections (theory and practical). Further, a student must pass the 1<sup>st</sup> year examination within two academic years, and must complete all the requirements for the degree within the prescribed span period of four years.

#### 11. Annual and Supplementary Examinations

- a) The Annual and Supplementary examinations shall be held as per schedule given in the Academic Calendar of Jamia Hamdard. The Supplementary examinations may normally be held after 30 days from the declaration of results of the Annual examinations.
- (b) A candidate who fails to appear at the annual examination or having appeared in the Annual examination fails to pass in any subject(s) as prescribed for the examination, may be allowed to appear in the remaining subjects at the Supplementary examination.
- (c) A candidate will be given a total number of three attempts, inclusive of the first attempt, to clear the papers in which he/she fails to qualify (irrespective of the number of such papers). In exceptionally hard cases, a student may be considered for grant of one last mercy chance.
- (d) Application for mercy chance with proper justification and a written undertaking given by the student will be examined by the Dean of the Faculty, and specific recommendations will be forwarded to the Registrar for getting approval of the competent authority. The undertaking would be to the effect that in case he/she does not clear the backlog in this final attempt, he/she will not have any further claim to continue the studies and that his/her name may be struck off the rolls.
- (e) The duration of annual examination in theory as well as practical papers will be 3-hours, unless specified otherwise.
- (f) Examiners shall examine students orally during the Practical examination and take cognizance of their performance when marking their papers.
- (g) A student shall not be declared to have passed the examination unless he/she secures at least 50% marks in each of the subjects separately in the theory as well as practical examinations, including sessional marks. Each theory paper or practical examination shall be construed as a separate paper. **The pass marks in subsidiary/qualifying subjects shall be 50%.**

- (h) Ten days vacation shall be given as preparatory holidays before the commencement of Annual examinations.
- (i) The candidates will retain the Internal Assessment of the previous examination, wherever applicable.
- (j) No candidate shall be awarded the Post basic degree unless: (i) she has passed in all the qualifying subjects as stated in Clause 7 - Scheme of examination; (ii) the total clinical experience prescribed has been completed before Final year.

## **12. Promotion to next class**

- (a) All students securing at least 50% marks in each of the subjects separately in the theory as well as practical examinations, including internal assessment, shall be promoted to the next year of study. Candidate must pass in internal and external examination in each of the paper separately.
- (b) A student who fails in one or two subjects (separately in theory and practicals), and secures at least 50% marks in the aggregate, may be provisionally promoted to the next higher class. However, such a student shall have to clear these subjects in the year to which thus promoted provisionally.
- (c) A student who fails in more than two subjects will have to repeat the year of study and clear it within the prescribed span period.
- (d) A student who has been promoted as per clause (b) above and fails to clear the backlog in the year to which promoted provisionally, will be required to rejoin the year to which the carried over papers belonged, as a regular student. He/she will be registered only in those subjects in which he/she could not secure the minimum pass marks of the last examination. For instance, if a student was provisionally promoted to II year with a carry over of two papers of I year, and he does not succeed in clearing the carry over papers of I year alongwith the regular papers of II year, he will have to join I year again and register only in the backlog papers.
- (e) Promotion to the next higher class will be considered subject to rules relating to the maximum period of stay at the University, viz. passing the first year examination within two academic years, and successfully completing all the requirements of the programme of study within four years from admission.

**13. Classification of Successful Candidates**

(a) The result of the successful candidates shall be classified after declaration of results of the final year examination on the basis of the aggregate of all subjects, Theory and Practicals, secured by the candidate in the examinations of all years, as indicated below:

Distinction:	75% and above
1st Division:	60% - 74.9%
2nd Division:	50% - 59.9%
Pass:	50% in each theory and practical separately

(b) Candidates securing 75% or above marks in any subject(s) and have passed in all the subjects in a year in first attempt shall be declared to have obtained Distinction in that subject(s).

(c) A student shall be eligible for award of Gold Medal subject to the following criteria:

- i) He (she) has secured the highest marks in aggregate of examinations of all the years of the programme of study.
- ii) He (she) has obtained a minimum of 80 per cent marks in the aggregate, as stated in (i) above.
- iii) He (she) has passed all examinations, including qualifying courses, if any, in first attempt.

**14. Span Period**

Students must pass the Part I examination within two academic years, and must complete the full course of study within four years from their admission to the first year of the course.

**15. Other Conditions**

(a) A minimum of 6 weeks' vacation shall be given each year.

*S. K. Singh*  
10/9/21  
Final draft  
23/8/2021

**RUFAIDA COLLEGE OF NURSING**  
**Jamia Hamdard, New Delhi**  
**ADMISSION AND EXAMINATION RULES**  
**For**  
**M. Sc. Nursing (Semester System)**  
**REVISED BYELAWS- w.e.f. AUGUST 2021**

**1. Objective**

To utilize / apply the concepts, theories & principles of nursing sciences, demonstrate advance competence in practice of nursing and as a nurse specialist, demonstrate leadership qualities & function effectively as nurse educator and manager, demonstrate skills in conducting nursing research, establish collaborative relationship with members of other disciplines & health care team members and demonstrate interest in continuous learning for personal & professional advancement.

**2. The Programme**

Highlights of the course as given below:

- a. Name of the Programme:** Master of Science in Nursing (M. Sc. Nursing)  
**b. Nature :** Full time, regular course.  
**c. Duration:** 2 years ( Four Semesters)  
**d. Total no. of credits:** 145  
**e. Medium of Instruction & Examination:** English  
**f. Eligibility for Admission:**

A candidate seeking admission to this course must:

- i. Be a Registered Nurse & Registered Midwife or equivalent with any State Nursing Registration Council.
- ii. The candidate should have passed B.Sc. Nursing / B.Sc. (Hons) Nursing / Post Basic B.Sc. Nursing securing minimum of 55% aggregate marks, from an INC recognized institution.
- iii. Reservation: reservation will be done as the JH M.Sc. bye laws.
- iv. Minimum one year of work experience after Basic B.Sc. Nursing registration with State Nursing council. Minimum one year of work experience prior or after Post Basic B.Sc. Nursing after registration with State Nursing council.

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- v. Candidate shall be medically fit
- vi. Qualify the admission test / interview conducted by Jamia Hamdard. Selection of candidate will be based on the merit of entrance examination. Internal reservation will be as per JH bye laws.
- vii. Both married and non-married candidates are eligible.
- viii. Two seats are reserved for candidates from Rufaida college of Nursing, Jamia Hamdard, every year, based on seniority and having qualified in the entrance examination, of that year.
- ix. Foreign students/NRI: will be admitted as per Jamia Hamdard M.Sc. bye laws.

g. **Commencement of the Programme:** As per UGC recommended academic calendar.

h. **Total no. of seats** : 25

S. No.	Specialities	Number of seats
1	Medical Surgical Nursing	6
2	Child Health Nursing (Pediatrics)	2
3	Obstetric and Gynecology Nursing	6
4	Mental Health Nursing (Psychiatry)	6
5	Community Health Nursing	5
		<b>Grand total = 25</b>

NRI seats are available as per Jamia Hamdard M.Sc. Bylaws.

### 3. Course Structure:

Rufaida College of Nursing follows the syllabus of M. Sc. Nursing prescribed by Indian Nursing Council, which has been duly approved by Academic Council of Jamia Hamdard. The distribution of hours in classroom instruction and supervised nursing practice in various subjects is given below. The course work shall be divided into four semesters. The course contents are given in the syllabus.



Duration: 24 Months (2 years)		Semesters: 4	
Available weeks =52			
Hours/ week =40			
Odd Semester I and III		Even Semester II and IV	
Duration	26 week	Duration	26 weeks
Preparatory leave, exam and winter vacation	2 weeks	Preparatory leave	1 week
		Exam	2 weeks
		Summer vacation	4 weeks
Weeks for course of instruction	24 weeks	Weeks for course of instruction	19 weeks
Total hours of Instructions	24 x 40= 960 hours		19 x 40= 760 hours

### Courses of Instructions

S.no.	Subject	Theory Hours	Practical Hours
<b>SEMESTER 1</b>			
1	Nursing Education A	100	100
2	Advance Nursing Practice	150	200
3	<u>Clinical Specialty</u> 1. Medical Surgical Nursing A 2. Child Health Nursing (Pediatrics) A 3. Obstetric and Gynecology Nursing A 4. Mental Health Nursing (Psychiatry) A 5. Community Health Nursing A	100	290

<b>Total</b>		<b>350</b>	<b>590</b>
		<b>Required hrs.=940</b>	
<b>SEMESTER II</b>			
1.	<b>Nursing Research &amp; Statistics</b>	150	100
2	<b><u>Clinical Specialty</u></b> 1. Medical Surgical Nursing B 2. Child Health Nursing (Pediatrics) B 3. Obstetric and Gynecology Nursing B 4. Mental Health Nursing (Psychiatry) B 5. Community Health Nursing B	50	360
3	<b>Nursing Education B</b>	50	50
<b>Total</b>		<b>250</b>	<b>510</b>
		<b>Required hrs. =760</b>	
<b>SEMESTER III</b>			
1.	<b>Nursing Research Dissertation</b>		300
2.	<b><u>Clinical Specialty</u></b> 1. Medical Surgical Nursing A 6. Child Health Nursing (Pediatrics) A 7. Obstetric and Gynecology Nursing A 8. Mental Health Nursing (Psychiatry) A 9. Community Health Nursing A	100	550
3.	<b>Elective Module during self-study time*</b>	20	
<b>Total</b>		<b>100</b>	<b>850</b>
		<b>Required hrs. =950</b>	
<b>SEMESTER IV</b>			
1.	<b><u>Clinical Specialty</u></b> 6. Medical Surgical Nursing B 7. Child Health Nursing (Pediatrics) B 8. Obstetric and Gynecology Nursing B 9. Mental Health Nursing (Psychiatry) B 10. Community Health Nursing B	50	400
2.	<b>Nursing Management</b>	150	150

Total	200	550
	Required hrs. =750	

\*Elective module to be completed before commencement of the III semester examination.

### Elective Module

Students have to complete online module/course from MOOC (Swayam Portal) and have to obtain minimum of 2 credits by way of doing any one course from the following areas before the examination of 3<sup>rd</sup> Semester. Students need to submit the certificate to this effect.

1. Research Methodology
2. Communication
3. Stress Managements
4. Guidance & Counseling
5. Leadership

### 4. Scheme of Examination:

The distribution of marks for semester test in theory & practical subjects in different papers during the four semesters of study is detailed below. The duration of semester examination in theory will be 2-3 hours (either 2 or 3 hours) and in practical will be 4 hours, unless specified otherwise. The examination should be held preferably in the same institution where she is a student or where she had her practical experience. There should be nurse examiners only, and these should be conducted as far as possible in the actual work situation in the hospital or at the Health Centre / Village rather than in a classroom.

- For theory, 1 credit= 15 hours and for practical, 1 credit = 30 hours. There will be at least 90 working days in each semester.

#### Calculation of Theory and Practical credits:

$$\text{No. of credits (Theory)} = \frac{\text{No. of theory hours of a subject}}{15 \text{ hours}}$$

$$\text{No. of credits (Practical)} = \frac{\text{No. of Practical hours of a subject}}{30 \text{ hours}}$$

#### Calculation of LTP in hours/week

$$\text{LTP in hours/week} = \frac{\text{No. of theory/practical hours of a subject}}{\text{No. of weeks available in the semester}}$$

Paper Code	Title of the paper	Theory Hours	Practical Hours	Marks			LTP* Hours per week	Credits	
				IA	External	Total		T	P
<b>Semester I</b>									
MN 101	Nursing Education A	100	100	25	75	100	4-0-4	7	3
MN102	Advance Nursing Practice	150	200	25	75	100	6-0-8	10	7
<u>MN CS 103</u> MMS 103	<u>Clinical Specialty A (Theory)</u> Medical Surgical Nursing A	100	290	25	75	100	4-0-12	7	10
MNP 103	Child Health Nursing (Pediatrics) A								
MOGN103	Obstetric and Gynecology Nursing A								
MMHP 103	Mental Health Nursing (Psychiatry) A								
MCHN 103	Community Health Nursing A								
<b>Total</b>		<b>350</b>	<b>590</b>					<b>24</b>	<b>20</b>
<b>Total</b>		<b>940</b>						<b>44</b>	

Semester II (Jan- Jul)									
MN 201	Nursing Research & Statistics	150	100	25* **	75**	100	8-0-5	10	3
MN CS 202	Clinical Specialty B (Theory)	50		25	75	100	3-0-19	3	12
	Clinical Specialty A+B (Practical)		360	100	100	200			
MMS 202	Medical Surgical Nursing B (Theory)								
	Medical Surgical Nursing A+B (Practical)								
MNP 202	Child Health Nursing (Pediatrics) B (Theory)								
	Child Health Nursing (Pediatrics) A+B (Practical)								
MOGN 202	Obstetric and Gynecology Nursing B (Theory)								
	Obstetric and Gynecology Nursing A+B (Practical)								

MMHP 202	Mental Health Nursing (Psychiatry) B (Theory)								
	Mental Health Nursing (Psychiatry) A+B (Practical)								
MCHN 202	Community Health Nursing B (Theory)								
	Community Health Nursing A+B (Practical)								
MN 203	Nursing Education B (Theory)	50		25	75	100	3-0-3	3	2
	Nursing Education A+B (Practical)		50	50	50	100			
	<b>Total</b>	<b>250</b>	<b>510</b>					<b>16</b>	<b>17</b>
	<b>Total</b>		<b>760</b>					<b>33</b>	
<b>Semester III</b>									
MN 301	Nursing Research Dissertation		300	100	100	200	0-0-13		10
<u>MN CS 302</u>	Clinical Specialty A (Theory)	100	550	25	75	100	4-0-23	7	18
MMS 302	Medical Surgical Nursing A								

MNP 302	Child Health Nursing (Pediatrics) A								
MOGN 302	Obstetric and Gynecology Nursing A								
MMHP 302	Mental Health Nursing (Psychiatry) A								
MCHN 302	Community Health Nursing A								
<b>Elective Module****</b>									
	<b>Total</b>	<b>100</b>	<b>850</b>					<b>7</b>	<b>28</b>
	<b>Total</b>		<b>950</b>						<b>35</b>
<b>Semester IV</b>									
<u>MN CS 401</u>	Clinical Specialty B (Theory)	50		25	75	100	3-0-21	3	13
	Clinical Specialty A+B (Practical)		400	100	100	200			
MMS 401	Medical Surgical Nursing B (Theory)								
	Medical Surgical Nursing A+B (Practical)								
MNP 401	Child Health Nursing (Pediatrics) B								

	(Theory)  Child Health Nursing (Pediatrics) A+B (Practical)								
MOGN 401	Obstetric and Gynecology Nursing B (Theory)  Obstetric and Gynecology Nursing A+B (Practical)								
MMHP 401	Mental Health Nursing (Psychiatry) B (Theory)  Mental Health Nursing (Psychiatry) A+B (Practical)								
MCHN 401	Community Health Nursing B (Theory)  Community Health Nursing A+B (Practical)								
MN 402	Nursing Management	150	150	25	75	100	8-0-8	10	3
	<b>Total</b>	<b>200</b>	<b>550</b>					<b>13</b>	<b>18</b>
	<b>Total</b>	<b>750</b>						<b>31</b>	



	<b>Grand Total</b>						<b>145</b>
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\*Lecture, Tutorial and Practical

\*\* Nursing Research - 50 and statistics - 25

\*\*\* Nursing Research - 15 and statistics - 10

\*\*\*\* Elective module to be completed before commencement of the III semester examination. It will be reflected in the transcript.

### **Dissertation:**

Evaluation of the dissertation should be done by the examiner prior to viva voce. Submission of thesis will be done in the beginning month of IV semester.

### **Classification of Result**

Following grading system shall be followed to represent performance of students in the examination:

<b>% marks</b>	<b>Grade</b>	<b>Grade point</b>	<b>Performance level</b>
≥80	A+	10	Outstanding
75- <80	A	9	Excellent
70- <75	B	8	Good
60- <70	C	7	Average
50- <60	D	6	Marginal
< 50	E		Fail

### **Evaluation of performance:**

a. SGPA (Semester Grade Point Average) shall be awarded on successful completion of each semester.

$$SGPA = \frac{\sum CG}{\sum C}$$

b. CGPA (Cumulative Grade Point Average) shall be awarded on successful completion of current and previous semester. In first semester CGPA is not applicable.

### **5. Internal Assessment:**

- (a) For the purpose of internal assessment, there will be a mid-semester examination, both in theory and practical of 2 hours duration. These will be conducted by the respective teachers as per a notified schedule during the regular teaching blocks.
- (b) The students shall be required to maintain records / reports of all the academic / clinical requirements for assessment by the teachers concerned.

- (c) A regular record of Theory & Practical examination and assessment of academic / clinical requirements, etc. conducted in an academic year shall be maintained by the teachers for each student.
- (d) The candidates must secure a minimum of 50% marks in each, theory and practical, in internal assessment otherwise student shall not be allowed to take up the end semester examination. The scheme of examination, as mentioned earlier, will be followed for awarding internal assessment in theory as well as in practical.
- (e) The final internal assessment of the student will be submitted to the Principal / Dean, who shall forward the same to the Registrar 10 days prior to the commencement of end semester examination. These would also be displayed on the notice board.
- (f) Internal assessment will be made by concerned teachers based on minor tests, mid semester test, quizzes, presentations, assignments and attendance. A promoted candidate who has to reappear in the examination of the paper will retain internal assessment marks. In case of readmission, the candidate shall have to go through the internal assessment process afresh and shall retain nothing of the previous year.

#### **6. Attendance:**

- (a) All students must attend every lecture / practical class. However, to account for late joining or other such contingences including sickness, the attendance requirement for appearing in the end semester examination shall be a minimum of 80% for theory and 80% for practical. A candidate must have 100% attendance in each of the practical areas before awards of degree.
- (b) If a student is found to be continuously absent from the classes without information for a period of 30 days, the teacher in-charge shall report it to the Principal / Dean for striking off the name of such a student from rolls. Such a student may, however, apply for readmission within 15 days of the notice of striking off the name. The request may be considered by the Dean for readmission. Such a student shall not be re-admitted after the prescribed period. The readmission shall be effected on payment of prescribed readmission fees. The final decision will rest on the Dean of the School and the competent authority.

#### **7. Eligibility for appearing for Semester Examination:**

- (a) A student seeking admission to the examination to be held at the end of each semester must have pursued the course of study for one semester and must have completed the prescribed attendance requirements i.e. 80% of attendance for theory and 80% for practical, however 100 % attendance in practical / clinical is mandatory before award of degree.

- (b) A student must complete all the requirements of each subject for the award of the degree within the prescribed span period of the course.
- (c) The student must secure a minimum of 50% mark in each theory and practical in internal assessment.

#### 8. Semester Examination:

The semester examination shall be held as per schedule given in the academic calendar of Rufaida College of Nursing, Jamia Hamdard.

#### 9. Result Declaration

The results will be declared at the end of the semester once the end semester exams are finished.

#### 10. Promotion to next class

- (a) All students securing at least 50% marks in each of the subjects separately in theory as well as Practical examination and in internal assessment shall be promoted to the next semester of study. Candidate must pass in internal and external examinations in each of the papers separately.
- (b) A student who fails in one or two subjects (separately in theory and practical) may be provisionally promoted to the next semester. However, such a student shall have to clear these subjects in the next year/ semester. Maximum no. of attempts per subject is three inclusive of first attempt.
- (c) A student who fails in more than two subjects whether theory or practical will have to repeat the semester or year of study & clear it within the prescribed span period. If a candidate fails in either theory or practical paper, he/she has to reappear for both the papers (theory and practical).
- (d) No candidate shall be awarded the M. Sc. Nursing degree unless:
- He/She has passed in all the subjects.
  - He/She has completed all semester / clinical requirements of the Programme.
- (e) Promotion to the next higher class will be considered subject to rules relating to the span period & successfully completing all the requirements of the Programme of study.

#### 11. Classification of successful candidates

- (a) The result of the successful candidates, who fulfill the criteria for the award of Master of Science in Nursing, shall be classified at the end of last semester on the basis of her final CGPA.
- (b) Classification will be done on the basis of following criteria:

Result	CGPA	Percentage

Distinction	$\geq 9$	75% and above
1 <sup>st</sup> division	$\geq 6.75-8.9$	60-74.9%
2 <sup>nd</sup> division	$\geq 6-6.74$	50-59.9%
Pass	$\geq 5-5.9$	50% pass in each of the theory and practical separately
Fail	Below 5	Below 50%

(c) A student shall be eligible for award of Gold Medal subject to the following criteria:

- (i) He / She has secured the highest final CGPA or highest marks in aggregate of examinations of all the four semesters of the programme of study.
- (ii) He / She has passed all examinations in first attempt.
- (iii) He / She has obtained a minimum of 80% mark in the aggregate as stated in (i)

**12. Span Period:** The maximum period to complete the course successfully should not exceed **four years** from the year of admission. A student must pass 1<sup>st</sup> year examination (Both semester, 1 & 2) within two academic years, and must complete the full course ( All four semester) of study within four years from their admission to the first year of the course.

*Alhass*  
11/10/21

**SC 158 (13): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF MANAGEMENT, SCHOOL OF MANAGEMENT AND BUSINESS STUDIES (SMBS) HELD ON 5<sup>TH</sup> AUGUST, 2021**

A meeting of the Board of Studies, Department of Management, SMBS was held on 5/08/2021, wherein, the BoS discussed the following issues:

1. Approval of the Syllabus of B.Com (Hons.) 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> semesters, which is in accordance with the UGC guidelines / CBCS pattern.
2. Introduction of detailed syllabi and perusal of remaining papers of 3<sup>rd</sup> and 4<sup>th</sup> Semesters (in the specialization of Entrepreneurship in MBA)
3. Introduction of a new paper on personality development (BBA (I)-S-04) from the Skill Enhancement paper in place of Dissertation for BBA and BBA-MBA Integrated.
4. The BoS approved the Panel of Experts for Selection Process.

The Minutes of the Board of Studies, Department of Management, SMBS held on 5/08/2021 is placed before the Standing Committee of the Academic Council for approval.

Secretary  
Standing Committee of AC

**OFFICE OF THE DEAN  
SCHOOL OF MANAGEMENT & BUSINESS STUDIES**

SMBS/BoS/ 1125

Date : 06.10.2021

**Sub : MoM of BoS -Deptt of Management**

Please find enclosed herewith the Minutes of the Meeting of Board of Studies of Department of Management, SMBS for considering in the forthcoming Standing Committee Meeting.

Submitted please.

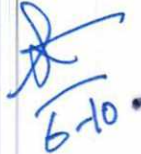


**Prof.(Dr.) Shibu John  
Dean, SMBS**

Registrar

Kindly include

- AR (Acad)



**DEPARTMENT OF MANAGEMENT, SMBS  
JAMIA HAMDARD  
NEW DELHI - 110062**

August 5, 2021

**Subject: Minutes of the Meeting of the Board of Studies (BoS)**

An Online Board of Studies (BoS) meeting of the Department of Management, School of Management & Business Studies, Jamia Hamdard, New Delhi was held on August 5, 2021 (Thursday) at 3:00 p.m. Following members attended the meeting:

Dr. S.N.Haque (Head of Department and Chairman of BoS)  
Prof. Mohammad Khalid Azam (Co-opted member)  
Prof. Amirul Hasan Ansari (Co-opted Member),  
Prof. (Dr.) Reshma Nasreen (Member)  
Dr. Md. Shahnawaz Abidin (Member)  
Dr. Syeedun Nisa (Member)  
Dr. Noria Farooqui (Special Invitee)  
Dr. Nadrat Moini Rahman (Special Invitee),  
Dr. Matloob Ullah Khan (Special Invitee)

The following agenda items were discussed and approved. The same is presented in the form of the minutes of the BoS Meeting.

**Item no. 1. :** Approval of the syllabus of 3rd, 4th, 5th and, 6th semester of B.Com (H), in the Department of Management, SMBS, Jamia Hamdard.

The Members of the BoS reviewed the syllabus of B.Com (Hons) - 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> semesters and after thorough deliberations it was unanimously resolved that the course structure is in accordance with the UGC Guidelines/CBCS Pattern.

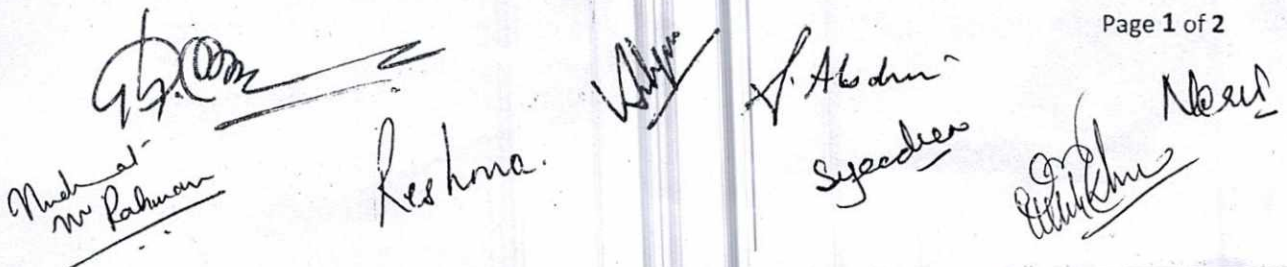
The members duly approved the same.

(Annexure A attached).

**Item no. 2.** Introduction of detailed syllabi and, Perusal of remaining papers of the third semester and 4th semester (in the Specialization of Entrepreneurship in MBA)

- a. Since the proposed Specialization of Entrepreneurship, consisted of nine papers and their respective syllabi, the committee favored the decision to give this specialization as a major as well as minor option in the III Sem and IV Sem along with other specializations.
- b. All the nine papers and their respective syllabi were approved by the committee for Entrepreneurship specialization hereafter.
- c. A proposed change in the nomenclature of three papers was made, and was approved by the committee.

The members duly approved the same. (Annexure B attached).



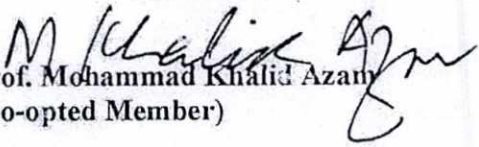
**Item no. 3.** Introduction of a new paper on personality development (BBA (I)-S-04) from the Skill Enhancement paper in place of Dissertation for BBA and BBA/MBA Integrated.

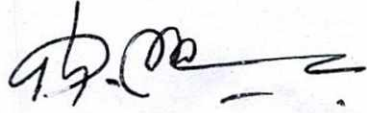
It was resolved that the new subject in place of dissertation will be Personality Development which is picked from the Skill enhancement basket bearing the code of BBA-S-04 AND BBA(I)-S-04 for BBA and BBA-MBA INTEGRATED respectively. This paper shall bear the same code that is BBA S-04 AND BBA (I)-S-04 for BBA and BBA-MBA INTEGRATED respectively. However, the dissertation will remain as an option (As paper number BBA-F-23 AND BBA(I)-F-23 FOR BBA and BBA/MBA integrated respectively) but students will be encouraged to take up Personality development paper as it is more employable and practical. The members duly approved the same. (Annexure C attached).

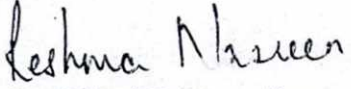
**Item no. 4.** : Any other items with the permission of the Chair.

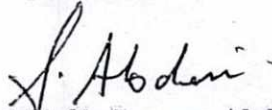
The Board of Studies duly approved the Panel of Experts for Selection Process.

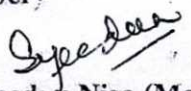
The meeting ended with vote of thanks.

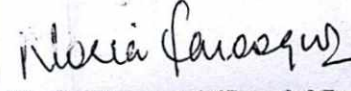
  
Prof. Mohammad Khalid Azam  
(Co-opted Member)

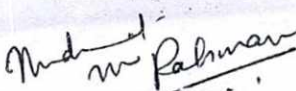
  
Prof. Amirul Hasan Ansari  
(Co-opted member)

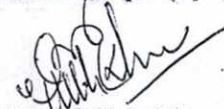
  
Prof. (Dr.) Rozina Nasreen  
(Member)


  
Dr. Md. Shahnawaz Abdin (Member)

  
Dr. Syeedun Nisa (Member)

  
Dr. Noria Farooqui (Special Invitee)

  
Dr. Nudrat Moini Rahman  
(Special Invitee)

  
Dr. Matsoob Ullah Khan  
(Special Invitee)

  
Dr. S.N.Haque  
(Head of Department and Chairman of BoS).



Annexure A**B.Com (Hons) – SECOND YEAR****SECOND YEAR – SEMESTER III**

S. No	Course Code	Course Title	L	T	P	C
1	BCH301	E-Commerce	4	0	0	4
2	BCH302	Environmental Studies	4	0	0	4
3	BCH303	Income-tax Law and Practice.	3	1	0	4
4	BCH304	Cost Accounting	3	1	0	4
5	BCH305	Human Resource Management	4	0	0	4
6.	BCH306	Corporate Accounting	3	1	0	4
		Total				24

**SECOND YEAR – SEMESTER IV**

S. No	Course Code	Course Title	L	T	P	C
1	BCH401	Indian Economy	4	0	0	4
2	BCH402	Entrepreneurship	4	0	0	4
3	BCH403	Financial Management	3	1	0	4
4	BCH404	Principles of Marketing	4	0	0	4
5	BCH405	GST & Customs Law	3	1	0	4
6.	BCH406	Management Accounting	3	1	0	4
		Total				24

9/5/2022  
 Mubashir  
 Mr Rahman

Rehane

Wahid  
 S. Adnan

Syed Danish

Muhammad  
 Ali Khan

## THIRD YEAR - SEMESTER V

S.No	Course Code	Course Title	L	T	P	C
1	BCH501	Business Research Methods & Analytics	3	1	0	4
2	BCH502	Financial Markets, Institutions and Services	4	0	0	4
3	BCH503	Consumer Affairs and Customer Care	4	0	0	4
4	BCH504	Industry Internship	4	0	0	4
5		E-1: Any One From Group A	4	0	0	4
6		E-2: Any One From Group B	4	0	0	4
		Total				24

**Group A: E-1**

BCH505: Fundamentals of Investment

BCH506: Training and Development

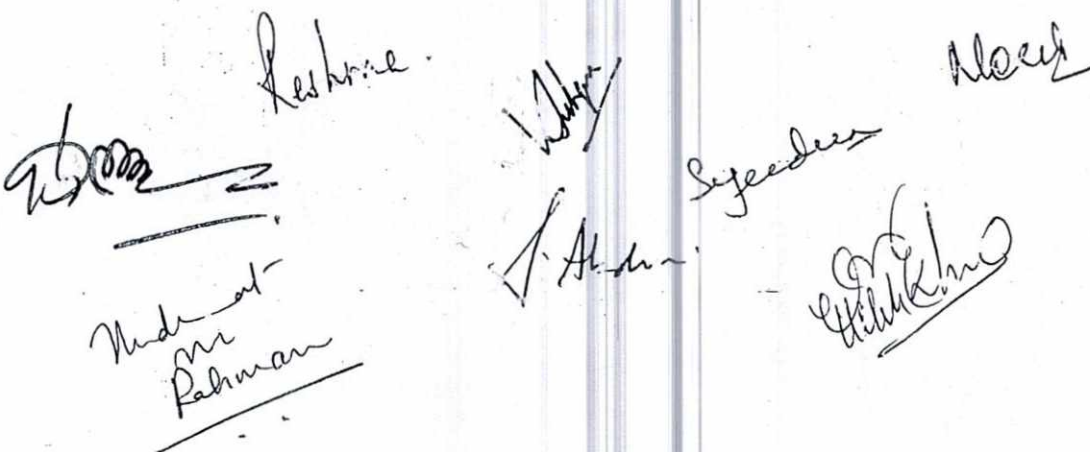
BCH507: Digital Marketing

**Group B: E-2**

BCH508: Banking and Insurance

BCH509: Leadership and Team Development

BCH510: Advertising and Personal Selling


  
 A collection of handwritten signatures and marks, including names like 'Rashmi', 'Sujeeva', 'Nadeem', and 'Rahman', along with various scribbles and underlines.

## THIRD YEAR – SEMESTER VI

S.No	Course Code	Course Title	L	T	P	C
1	BCH601	Auditing	4	0	0	4
2	BCH602	International Business	4	0	0	4
3	BCH603	Project management and Techniques	3	1	0	4
4	BCH604	Comprehensive Viva-Voice	4	0	0	4
5		E-3: Any One From Group C	4	0	0	4
6		E-4: Any One From Group D	4	0	0	4
		Total				24

**Group C: E-3**

BCH605: Finance for Non- Finance Executives

BCH606: Personal Tax Planning

BCH607: Collective Bargaining &amp; Negotiation Skills

**Group D: E-4**

BCH608: Personal Finance and Planning

BCH609: Corporate Tax Planning

BCH610: Financial Reporting &amp; Analysis

Reshma. Vikram  
 Sreedhar  
 Mr. Rahman  
 Neel

## F. Entrepreneurship Electives

MBA GENERAL MANAGEMENT SEM 3<sup>rd</sup> /SEM 4<sup>th</sup> – ENTREPRENEURSHIP SPECIALISATION (Major+ Minor)

- Objective: To nurture entrepreneurship knowledge through entrepreneurship studies and education, including information to budding entrepreneurs and to assist them in developing viable enterprises that are capable of competing in the global/local business and industry

Code	Course Title	Marks	Teaching Hours	Credit
MBA-GE-EM-01	Social Entrepreneurship and Intrapreneurship	100	L-3, T-1	4
MBA-GE-EM-02	Entrepreneurial Ecosystem and Entrepreneurial Finance	100	L-3,T-1	4
MBA-GE-EM-03	Small Scale Sector, Export Houses and Cottage Industries	100	L-3,T-1	4
MBA-GE-EM-04	Design Thinking: Creativity and Innovation	100	L-3,T-1	4
MBA-GE-EM-05	Women Entrepreneurship	100	L-3,T-1	4
MBA-GE-EM-06	Business Models and Planning	100	L-3,T-1	4
MBA-GE-EM-07	Legal Aspects of Entrepreneurship	100	L-3,T-1	4
MBA-GE-EM-08	International Entrepreneurship and Global Patterns in Entrepreneurship	100	L-3,T-1	4
MBA-GE-EM-09	Entrepreneurship Thought Process, Motivation and Resources	100	L-3, T-1	4

*[Signature]*

*Mohd. Imran  
M. Rahman*

*Syedun*

*[Signature]*

Annexure B2

Paper Code	Original Nomenclature	Approved Nomenclature
MBA-GE-EM-04	Design Thinking: Creativity and Innovation (Neuroscience)	Design Thinking: Creativity and Innovation
MBA-GE-EM-06	Business Model Canvas & Minimum Viable Prototyping	Business Models and Planning
MBA-GE-EM-08	Global Patterns and Case Studies in Entrepreneurship	International Entrepreneurship and Global Patterns in Entrepreneurship
MBA-GE-EM-09	Neuro Entrepreneurship, Skills and Competencies	Entrepreneurship Thought Process, Motivation and Resources





  
 Reshma
   
 Syed
   
 Muddat-  
 Rahman
   


Annexure C

EXISTING CODE	PAPER	PROPOSED CODE	BOS comments/remarks	Paper Code After Resolution	After
BBA(I)-S-04	Personality Development	BBA(I)-F-23 (In place of dissertation)	The paper code will remain same for personality development	BBA-S-04 BBA(I)S-04	AND
BBA(I)-S-05	Social Media Ethics	BBA(I)-S-04		BBA(I)-S-05	
BBA(I)-S-06	Communicative English	BBA(I)-S-05		BBA(I)-S-06	
BBA(I)-S-07 BBA(I)-F-23	E-Commerce Dissertation	BBA(I)-S-06	Will remain as it is for any backlogs	BBA(I)-S-07 BBA(I)-F-23	

*Wish*

*Next*

*Reshma*

*S. Abidin*

*Syed*

*Muhammad  
Rahman*

*Muhammad*

# **JAMIA HAMDARD**

(‘A’ Grade Deemed to be University)



## **AGENDA**

**FOR**

**157<sup>TH</sup> MEETING OF THE STANDING COMMITTEE**

**OF**

**ACADEMIC COUNCIL**

**Date: 1<sup>st</sup> June, 2021 (Tuesday)**

**Time: 11.00 A.M.**

**Venue: Board Room (1<sup>st</sup> Floor), Administrative Building,  
Jamia Hamdard, Hamdard Nagar, New Delhi-110062**

## Members on the 157<sup>th</sup> meeting of the Standing Committee of the Academic Council

- |     |                                                                            |   |                 |
|-----|----------------------------------------------------------------------------|---|-----------------|
| 1.  | <b>Prof. M.A. Jafri, Vice-Chancellor</b>                                   | - | <b>Chairman</b> |
| 2.  | Prof. Y.K. Gupta,<br>Former Professor & HoD, Pharmacology,<br>AIIMS, Delhi | - | Member          |
| 3.  | Prof. M. Afshar Alam, Dean, S.E.S.T.                                       | - | Member          |
| 4.  | Prof. Shakir Ali, Dean, S.C.L.S.                                           | - | Member          |
| 5.  | Prof. S.M. Arif Zaidi, Dean, S.U.M.E.R.                                    | - | Member          |
| 6.  | Prof. S. Mehartaj Begum, Dean, S.H.S.S.                                    | - | Member          |
| 7.  | Prof. Farhan Jalees Ahmad, Dean, S.I.S.T.                                  | - | Member          |
| 8.  | Prof. Shibu John, Dean, S.M.B.S.                                           | - | Member          |
| 9.  | Prof. Manju Chhugani, Dean, S.N.S.& A.H.                                   | - | Member          |
| 10. | Prof. Vidhu Aeri, Dean, SPER                                               | - | Member          |
| 11. | Mr. Mirza Wazir Hussain, CoE                                               | - | Special Invitee |
| 12. | Prof. S. Raisuddin, Director, IQAC                                         | - | Special Invitee |
| 13. | Prof. Suhel Parvez,<br>Chairman, Central Admission Committee               | - | Special Invitee |
| 14. | Mr. S.S. Akhtar, Registrar                                                 | - | Secretary       |

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## AGENDA ITEMS

FOR

157<sup>th</sup> MEETING OF THE STANDING COMMITTEE OF ACADEMIC COUNCIL

OF

JAMIA HAMDARD

ITEM NO.	ITEM	PAGE NO.
1	TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF TOXICOLOGY, SCLS HELD ON 10/04/2021	
2	TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, CENTRE FOR FEDERAL STUDIES, SHSS HELD ON 22/05/2021	
3	TO CONSIDER AND APPROVE THE PROPOSAL FOR INTRODUCTION OF PAPER MHR-403: "IDENTITY, ISSUES AND CHALLENGES OF HUMAN RIGHTS IN INDIA" AS REPLACEMENT OF MHR-403: DISSERTATION/PROJECT WORK IN THE FOURTH SEMESTER OF M.A. IN HUMAN RIGHTS PROGRAMME AS RECOMMENDED BY THE BOARD OF STUDIES IN ITS MEETING HELD ON 22.05.2021	
4	TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING UNDER SEST HELD ON 24/05/2021	
5	TO APPROVE THE MINUTES OF THE MEETING OF BOARD OF STUDIES, DEPARTMENT OF MOALIJAT, SUMER HELD ON 31/05/2021	
6	TO APPROVE THE MINUTES OF THE MEETING OF BOARD OF STUDIES, DEPARTMENT OF ILMUL ADVIA, SUMER HELD ON 31/05/2021	
7	TO APPROVE THE MINUTES OF THE MEETING OF SCHOOL BOARD, SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH (SUMER) HELD ON 31/05/2021	

8	TO CONSIDER THE PROPOSAL OF DIRECTOR, JHKC, KANNUR, KERALA REGARDING CONDUCT OF BOTH ODD AND EVEN SEMESTERS SUPPLEMENTARY EXAMINATIONS AFTER CONDUCTING THE ENSUING EVEN SEMESTER REGULAR EXAMINATIONS SCHEDULED TENTATIVELY FROM THE 3 <sup>RD</sup> WEEK OF JUNE, 2021	
9	TO CONSIDER THE LETTER ISSUED BY THE UGC REGARDING 83 UG AND 40 PG NON-ENGINEERING SWAYAM MOOC TO BE OFFERED IN THE JULY 2021 SEMESTER	
10	TO CONFIRM THE ACTION TAKEN BY THE VICE CHANCELLOR TO APPROVE THE MINUTES (DATED 17.3.2021) OF THE COMMITTEE CONSTITUTED TO CONSIDER VARIOUS ISSUES RELATED TO ADMISSION OF CANDIDATES FROM MADRASAS AND OTHER RELATED MATTERS AND THE NOTE DATED 6.3.2021 REGARDING RECOGNITION OF MADRASAS AS RECOGNIZED BY ALIGARH MUSLIM UNIVERSITY (AMU), JAMIA MILLIA ISLAMIA, JAWAHARLAL NEHRU UNIVERSITY (JNU), MAULANA AZAD NATIONAL URDU UNIVERSITY (MANUU), CCIM, COBSE FROM THE ACADEMIC SESSION 2021-22	
11	TO CONSIDER THE REVISION IN THE BYE LAWS GOVERNING THE AWARD OF PHD DEGREE AT JAMIA HAMDARD	
12	TO APPROVE THE BULLETIN OF INFORMATION & PROSPECTUS – 2021-2022 OF JAMIA HAMDARD	
13	ANY OTHER MATTER(S) WITH THE PERMISSION TO THE CHAIR	

**SC 157 (1): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF TOXICOLOGY, SCLS HELD ON 10/04/2021.**

A meeting of the Board of Studies, Department of Medical Elementology and Toxicology, SCLS was held on 10/04/2021, wherein, the BoS discussed and resolved the following matters:

- Confirmation of minutes of previous BoS meeting.
- Revision of Syllabus of UG and PG programs of Department
- Syllabus of PG programs
- Syllabus of UG Program
- Current status of Faculty Members of the Department
- Project/Placement status of the Department
- Examiners for lab courses and dissertations

The Minutes of the Board of Studies, Department of Toxicology held on 10<sup>th</sup> April, 2021 along with Annexure-I & II are placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

**DEPARTMENT OF MEDICAL ELEMENTOLOGY AND TOXICOLOGY**  
**School of Life and Chemical Sciences**  
**JAMIA HAMDARD, NEW DELHI 110062**

April 10, 2021

**Minutes of Board of Studies (BoS) Meeting**

An online meeting of BoS of Department of Medical Elementology and Toxicology was convened on April 10, 2021 at 11:00 a.m. through the platform of Google Meet. The following were present:

1. Prof. K. H. Reeta	Expert
2. Prof. Waseem Ahmad Siddiqui	Expert
3. Prof. S. Raisuddin	Member
4. Dr. Haider A. Khan	Member
5. Dr. Basir Ahmad	Member
6. Prof. Suhel Parvez	Chairman

At the onset of the meeting Prof. Suhel welcomed the members of the BoS. He appraised the members of the BoS about the progress of the Department at various platforms. Prof. Suhel also appreciated keen interest and support of the Hon'ble Vice Chancellor for various activities of the Department. The Chairman presented the agenda items before the members for deliberations.

**BS1. Confirmation of minutes of previous BoS meeting**

The minutes of the last meeting held on 14<sup>th</sup> August 2019 were approved by Competent Authority and were notified to the Members. Members were informed that minutes have also been approved by the Standing Committee of the Academic Council of the University.

**BS2. Revision of Syllabus of UG and PG programs of Department**

The experts perused the existing Syllabus of M.Sc. and B.Sc (Toxicology). Based on feedback and inputs from students (existing and passed-out), opinion of subject experts from academia and industry it was proposed that changes may be made in the existing syllabus to increase the employability as well as broaden the horizon of future students to take up research in Toxicology and Interdisciplinary fields. Experts and members of BoS also offered suggestions regarding revision of the syllabus. **The chair elaborated all the modification one by one which considered by the committee and approved following discussion.**

*H. Reeta*

*Basir*

*Raisuddin*

1

*Suhel Parvez*

*Haider A. Khan*

*Waseem Ahmad Siddiqui*

**a. Syllabus of PG programs**

Following changes were agreed on by all the members and experts of BoS:

- The paper, Principles of Toxicology and Systemic Toxicology (MTX-101) was modified to Systemic Toxicology (MTX-101). The Principal of Toxicology component has been covered in the Foundation Course. The experts suggested that the Principles of Toxicology is the prerequisite for M.Sc. Toxicology course and it should be taught to the students in the Foundation Course.
- As per the committee suggestion, the paper, Molecular and Biochemical Basis of Toxicology (MTX-102) was renamed as Molecular Basis of Toxicology (MTX-102). A new paper entitled Biochemical Basis of Toxicology was introduced in syllabus of BSc Toxicology since it is more fundamental and basic in nature.
- The paper Food, Drug and Cosmetics Toxicology (MTX-201) was renamed as Food and Cosmetics Toxicology (MTX-201) and the contents of the course was modified accordingly. The Drug Toxicology paper will be taught as an independent paper in B.Sc. as this will complement the other papers focused on Pharmacology.
- Given the significance of Regulatory and Methods of Toxicology, the paper was split into two full papers: Regularity Toxicology (MTX-301) and Methods of Toxicology (MTX-302). The paper, Fundamentals of Intellectual Property Rights was revised and renamed as APPLICATIONS OF INTELLECTUAL PROPERTY RIGHTS (MTXOE-302) to provide more emphasis on the applications of IPR. Fundamental Aspects of IPR will be taught in B.Sc. Toxicology.

**b. Syllabus of UG Program**

- As per the committee suggestion, the paper, Molecular and Biochemical Basis of Toxicology (BTX-CC09) was converted into Biochemical Toxicology (BTX-CC09TH). Molecular Toxicology portion was introduced as Molecular Toxicology in PG program.
- The paper, Drug and Food toxicology (BTX-CC10) was revised and named as Drug Toxicology (BTX-CC10Th). The food portion of syllabus was moved to another PG program as Food and Cosmetics Toxicology (MTX-201).
  - Two laboratory courses Toxicology Lab-1 (BTX-CC01P) and Toxicology Lab-II (BTX-CC08P) were introduced in semesters III and Semester V, respectively. These labs covers experiments on

*Dr. P. S. D.*

*Subil Parag*

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fundamental toxicology and its application in other interdisciplinary subjects like Pharmacology.

- As per suggestion of expert members, a new course Pharmacovigilance and Risk Management (BTX-CC19TH) was included in V semester of UG Program.
- As per UGC Guidelines for Higher Education institutions with letter no. D.O. No.4-6 / 2020(NSQF) dated 7<sup>th</sup> December 2020 a semester project (BTX-CC19) was approved in semester VI. The chair emphasized that the competencies demanded by the industry need to be embedded in our university curriculum so that the employment-employability gap is overcome.

**Schemes and Detailed syllabus of revised UG and PG Courses are attached as Annexures I and II respectively.**

### **BS3. Current status of Faculty Members of the Department**

Prof. Parvez informed all the members about the current status of faculty and teachers at the Department. The committee was informed that there are three permanent faculty on sanctioned positions and one faculty under UGC-Faculty Recharge Scheme. There are two guest faculties engaged for Rs. 25,000 per month for the current semester of academic session 2020-21. Both the expert members felt that with such exhaustive syllabus of UG and PG programs of the Department, recruitment of regular members should be done at the earliest. As the recruitment of regular teachers will take substantial time, it was agreed by all the members that instead of guest faculty at least two contractual faculty members should be appointed for the next academic year, 2021-22.

### **BS4. Project/Placement status of the Department**

Prof. Parvez updated the Committee about the student's placement status of the Department. He informed that the placement of the PG students and PhD scholars is satisfactory as most of our students get placed either in Academia or industry. It is very encouraging that PG students were offered very attractive packages in the previous academic session.

### **BS5. Examiners for lab courses and dissertations**

The Chairman, presented the panel of examiners for the students appearing in B.Sc-M.Sc (Toxicology) integrated course Semesters IV and VI and M.Sc. (Toxicology) Semester IV appearing end semester examination to be held in May 22 – June, 10, 2021 for kind perusal/inputs and recommendation of the members/invitees of the BoS, if any. After deliberation, the committee made necessary minor corrections and recommended the panel.

*Dr. Parvez*

*NSQF*

*Barat*

*Subhrajit*

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*Ranish*

The meeting ended with a vote of thanks to the chair.

  
(Prof. K.H. Reeta)

  
(Prof. W.A. Siddiqui)

  
(Prof. S. Raisuddin)

  
(Dr. Basir Ahmad)

  
(Dr. Haider A. Khan)

  
(Prof. Suhel Parvez)

**DEPARTMENT OF TOXICOLOGY  
SCHEME AND COURSE STRUCTURE  
B.Sc. – M.Sc. Integrated Program**

Course Code	Name of the Paper	Paper Category	IA	SE	Total Marks	Course Credits
<b>SEMESTER-I</b>						
<b>BTX-CC01 TH</b>	Basics of Computer Science and Statistics	Core	25	75	100	4
<b>BTX-CC01 TU</b>	Basics of Computer Science and Statistics	Core	20	30	50	2
<b>BTX-CC02 TH</b>	Basics of Chemistry	Core	25	75	100	4
<b>BTX-AEC01</b>	English Communication	AEC	13	37	50	2
<b>BTX-AEC02</b>	Environmental Studies	AEC	13	37	50	2
<b>BTX-GE01 TH</b>	Basics of Physics and Biology	GE	25	75	100	4
<b>BTX-GE01 TU</b>	Basics of Physics and Biology	GE	20	30	50	2
		<b>Total</b>			<b>500</b>	<b>20</b>
<b>SEMESTER-II</b>						
<b>BTX-CC03 TH</b>	Biomolecules	Core	25	75	100	4
<b>BTX-CC04 TH</b>	Cell Biology	Core	25	75	100	4
<b>BTX-CC05 TH</b>	Immunology	Core	25	75	100	4
<b>BTX-CC06 TH</b>	Enzymes and Proteins	Core	25	75	100	4
<b>BTX-GE02 TH</b>	Bioethics and IPR	GE	25	75	100	4
		<b>Total</b>			<b>500</b>	<b>20</b>
<b>SEMESTER-III</b>						
<b>BTX-CC07 TH</b>	Introduction to Toxicology	Core	25	75	100	4
<b>BTX-CC08 TH</b>	Basic Principles of Pharmacology	Core	25	75	100	4
<b>BTX-CC09 TH</b>	Biochemical Toxicology	Core	25	75	100	4
<b>BTX-CC10 TH</b>	Drug Toxicology	Core	25	75	100	4
<b>BTX-CC01 P</b>	Toxicology Lab I	Core	25	75	100	4
<b>BTX-GE03 TH</b>	Fundamentals of Pathology	SE	13	37	50	2
<b>BTX-SEC01 TH</b>	Environmental Toxicology	SEC	13	37	50	2
		<b>Total</b>			<b>600</b>	<b>24</b>
<b>SEMESTER-IV</b>						
<b>BTX-CC11 TH</b>	Mechanisms of Toxicology	Core	25	75	100	4
<b>BTX-CC12 TH</b>	Analytical Toxicology	Core	25	75	100	4
<b>BTX-GE03 TH</b>	Introduction to Data Analysis	GE	25	75	100	4
<b>BTX-GE01 P</b>	Introduction to Data Analysis	GE	13	37	50	2
<b>BTX-CC02 P</b>	Basics of Chemistry	Core	13	37	50	2
<b>BTX-CC03 P</b>	Biomolecules	Core	13	37	50	2
<b>BTX-CC04 P</b>	Cell Biology	Core	13	37	50	2
<b>BTX-CC05 P</b>	Immunology	Core	13	37	50	2
<b>BTX-CC06 P</b>	Enzymes and Proteins	Core	13	37	50	2
		<b>Total</b>			<b>600</b>	<b>24</b>
<b>SEMESTER-V</b>						
<b>BTX-CC13 TH</b>	Drug Discovery	Core	25	75	100	4
<b>BTX-CC14 TH</b>	Drug Regulatory Affairs	Core	25	75	100	4
<b>BTX-CC15 TH</b>	Applied Toxicology	Core	25	75	100	4
<b>BTX-CC16 TH</b>	Pharmacovigilance and Risk Management	Core	25	75	100	4
<b>BTX-CC07 P</b>	Drug Discovery-Lab Course	Core	25	75	100	4
<b>BTX-CC08 P</b>	Toxicology Lab II	Core	25	75	100	4
		<b>Total</b>			<b>600</b>	<b>24</b>
<b>SEMESTER-VI</b>						
<b>BTX-CC17</b>	Dissertation	Core	100	400	500	20
<b>BTX-SEC02</b>	Seminar	SE	25	75	100	4
		<b>Total</b>			<b>600</b>	<b>24</b>





## DEPARTMENT OF TOXICOLOGY

School of Chemical and Life Sciences, Jamia Hamdard

Hamdard Nagar, New Delhi 110062

# BIOCHEMICAL TOXICOLOGY

**Course Code: BTX-CC09 TH**

**Category: Core Course**

**Semester : III**

**Credits: 4**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT-I: Oxidative Stress**

Definition of oxidative stress, Toxicological consequences of oxidative stress, Oxidative stress and protein damage, Oxidative stress and DNA damage, Oxidative stress and lipid damage

### **UNIT-II: Antioxidative Defence Mechanisms**

Enzymatic and Non enzymatic antioxidants, Role of glutathione, Superoxide dismutase, Metallothionein and  $\alpha$ -tocopherol as antioxidants, Necrotic and apoptotic cell death mechanisms

### **UNIT-III: Disturbances in Calcium Homeostasis**

Xenobiotic-induced alterations in intracellular calcium distribution, Toxicological consequences of increased intracellular calcium concentrations

### **UNIT-IV: Disruption of Cellular Energy Production**

Mitochondrial targets, Protonophoretic and uncoupling activity of xenobiotics, Inhibition of NADH production, Inhibition of electron transport change, Change in mitochondrial membrane permeability



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# DRUG TOXICOLOGY

**Course Code: BTX-CC10 TH**

**Category: Core Course**

**Semester : III**

**Credits: 4**

**Marks: 25 (IA) + 75 (SE) = 100**

### UNIT-I:

Definition and categories of drugs, Mode of drug administration, General toxicities of drugs. Over dose management, Routes of Drug Administration, ADME, Acetoaminophen toxicity.

### UNIT II:

**Drug abuse :** definition, with special reference to sports medicines, current reports, banned classes of drug : a brief survey, role of different agencies, drug overdose

### UNIT III:

Drug nutrient interrelationship, age, sex, body weight etc. factors affecting this relationship. Various modes of drug administration, role in mechanism of action of drug. Management of drug overdose toxicity and rehabilitation (specially narcotics).

### UNIT IV:

Over dose toxicity symptoms and mechanism of action of barbiturates (short and long), non barbiturates, narcotic analgesics, INH toxicity (case study), CNS stimulants drug, tricyclic antidepressant: discussion with appropriate examples, signs and symptoms of toxicity treatment and prevention.



**DEPARTMENT OF TOXICOLOGY**  
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## **TOXICOLOGY LAB -01**

**Course Code: BTX-CC01 P**  
**Category: Core Course**  
**Semester : III**

**Credits: 4**  
**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT-I: Solutions concentration and dilution**

Safety measures in Lab

Concept of concentration units: w/w, w/v, v/v, % concentration, Molarity, Molality, Normality, PPM, PPB etc.

Preparation of solution of different concentrations using weighing balance.

Concept of Stock solution

Preparation of solutions of different dilutions from Stock solution

### **UNIT-II: Concept of pH and Buffer**

Concept of Acidic, neutral and Alkaline buffers

Preparation of buffer solution using Henderson–Hasselbalch equation

Preparation of buffer using pH meter, Determination of buffering capacity

### **UNIT-III: Estimation**

Calibrations of pipette, burette, standard flasks

TLC, Absorption spectroscopy

Determination of protein/DNA concentration using extinction coefficients.

Amino Acid Titration

### **UNIT-IV: Pharmacology Experiments**

Introduction to Commonly used instruments in experimental pharmacology.

Recording of basal mass index

Qualitative analysis of urine Physical Properties

Retrieve the information of a drug and its adverse effects using online tools



## DEPARTMENT OF TOXICOLOGY

School of Chemical and Life Sciences, Jamia Hamdard

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# APPLIED TOXICOLOGY

**Course Code: BTX-CC15 TH**

**Category: Core Course**

**Semester : V**

**Credits: 4**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT-I Wildlife Toxicology**

Susceptibility of wildlife to chemicals, Acute ecological hazards, Toxicology of chemicals in birds and mammals, Integrated approach to wildlife toxicology

### **UNIT-II Medical Toxicology**

Mission of medical toxicology, Comparative toxicology, Human risk assessment, Toxicological database

### **UNIT-III Toxicology of Chemical Warfare Agents**

Chemical weapons, classification of chemical warfare agents, mustard gas, lewisite, nerve agents, hydrogen cyanide, management of chemical warfare agents

### **UNIT-IV Veterinary Toxicology**

Common toxicity in dogs, cats, horses and poultry, by herbicides, house hold chemicals, heavy metals, mycotoxins, blue green algae and toxic plants



**DEPARTMENT OF TOXICOLOGY**

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**Pharmacovigilance and Risk Management**

**Course Code: BTX-CC16 TH**

**Category: Core Course**

**Semester : V**

**Credits: 4**

**Marks: 25 (IA) + 75 (SE) = 100**

**UNIT I**

Introduction to Pharmacovigilance. Brief History of Pharmacovigilance. Scope, definition and aims of Pharmacovigilance. Thalidomide's Impact on Regulations.

**Unit II**

Adverse Drug Reactions (ADRs) - Classification, mechanism, predisposing factors, causality assessment for ADRs. ICH Definition of Adverse Drug Reaction. Medical Evaluation of Adverse Events in Pharmacovigilance. Diagnosis and Managements of ADRs.

**Unit III**

Safety monitoring in Clinical Trials. Good Pharmacovigilance Process (GPVP). Periodic Safety Update Reports (PSURs) For Marketed Drugs (ICH E2C).

**Unit IV**

Reporting Database, Role of clinical pharmacist in Pharmacovigilance. Pharmacovigilance indicators. Rationale and objectives and Classification of pharmacovigilance indicators.



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## TOXICOLOGY LAB -02

**Course Code: BTX-CC08 P**

**Category: Core Course**

**Semester : V**

**Credits: 4**

**Marks: 25 (IA) + 75 (SE) = 100**

### Experiments

1. Centrifugation of the cell contents at varying speeds such that the subcellular fractions separate out based on their density differences
2. MTT Assay
3. Antibacterial activity of dyes (Gradient Plate techniques)
4. Milk quality analysis by MBRT & RRT and Phosphatase test for milk
5. Testing the  $\alpha$ -Amylase Inhibitor of the Common Bean
6. In vitro evaluation of antifungal activity of plant extracts
7. Enzyme kinetics: Determination of  $K_m$  and  $V_{max}$
8. DNA/Protein and toxins binding
9. Determination of Toxin binding affinity using fluorescence quenching
10. Evaluation of the Hill coefficient from Scatchard and Klotz plots
11. Conformational characterization of proteins and nucleic acids
12. Use of three-dimensional excitation and emission matrix fluorescence spectroscopy for predicting the dissolved toxins/molecules in drinking and waste water
13. Media Preparation: Preparing and inoculating solid and liquid nutrient media for culturing microorganisms
14. Growth Curve: Generating a bacterial growth curve under various pH and environmental conditions (steady and shaking), Calculations of Growth rate constant ( $\mu$ ), Calculation of generation time
15. Study of different routes of drugs administration in mice/rats
16. Study of local anaesthetics by different methods



# SEMESTER - I

Course Code	Name of the Paper	Paper Category	IA	SE	Total Marks	Course Credits
<b>SEMESTER-I</b>						
MFC001	Foundation Course	Core	50	150	200	8
MTXCC-101	Systemic Toxicology	Core	25	75	100	4
MTXCC-102	Molecular Toxicology	Core	25	75	100	4
MTXCC-103	Lab Course - I	Core	50	150	200	8
		<b>Total</b>	<b>150</b>	<b>450</b>	<b>600</b>	<b>24</b>





**DEPARTMENT OF TOXICOLOGY**  
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## **FOUNDATION COURSE**

**Course Code: MFC001**

**Credits: 8**

**Category: Core Course**

**Marks: 50 (IA) + 150 (SE) = 200**

### **CHEMISTRY (UNIT-I)**

1. Solution – Methods of expressing the concentration (Molality, Molarity, Normality etc).
2. Laws of mass action, Reaction Quotient, Chemical equilibrium constant, Relation of  $K_p$  &  $K_c$ , pH, buffer, buffer index, buffer capacity, Arrhenius equation.
3. Colligative properties: Molecular mass determination using colligative properties.
4. Rate of reaction, order of reaction
5. Different types of chemical bonds
6. Principles, classification and applications of chromatographic techniques.
7. Basics of Spectroscopy and applications
8. Basic applications of Nanotechnology.

### **BIOCHEMISTRY (UNIT-II)**

1. Biomolecules: Carbohydrates, amino acids/proteins, lipids and nucleotides; Enzymes: Characteristics and nomenclature.
2. Cell Biology & Microbiology: Prokaryotes & Eukaryotes: The cell and its composition; Cell organelles and subcellular fractionation; Viruses, Viroids, Virusoids and Prions; Bacterial culture and growth curve.
3. Bioenergetics and Intermediary Metabolism: ATP as energy currency; Intermediary metabolism;
4. Immunology - Active, passive, Humoral and Cellular immunity; Clonal selection theory; Cells of immune system; Immunoglobulins; Haptens, Antigens and Immunogens; Monoclonal & Polyclonal antibodies.
5. Clinical Biochemistry : Biochemical tests; Acid base disorders; Liver function test; Kidney function tests.

### **BOTANY (UNIT-III)**

1. Biodiversity – Concept, levels and Conservation of biodiversity
2. Climate Change and its consequences
3. Ecosystem - Producers, consumers and decomposers of food chain.
4. Plants with medicinal values
5. Environmental pollution, bioremediation





**DEPARTMENT OF TOXICOLOGY**  
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## **FOUNDATION COURSE**

**Course Code: MFC001**

**Credits: 8**

**Category: Core Course**

**Marks: 50 (IA) + 150 (SE) = 200**

### **BIOTECHNOLOGY (UNIT-IV)**

1. Genetics of Inheritance - Laws of inheritance, recombination and segregation of traits, segregation ratio, interaction between traits & quantitative inheritance.
2. Molecular Biology - The genetic material, RNA as genetic material, Central dogma (DNA replication, transcription and translation), and gene regulation. Mutation and mutagenesis (Ames test), Transposons.
3. Genetic Engineering - Essentials of gene manipulation, vectors & enzymes used in recombinant DNA technology.
4. Biotechnology and its applications – Industrial Biotechnology and its applications, Basic principles of microbial growth and fermentation. Concept of GM crops and their relevance to society. A brief overview of plant immune system: Mechanism of disease resistance in plants.

### **TOXICOLOGY (UNIT-V)**

1. Introduction to Toxicology.
2. Various types of toxicity (Acute, subacute, subchronic and chronic).
3. Chemical interactions (Additive effect, potentiation, synergism and antagonism), Dose response relationship ( $ED_{50}$ ,  $LD_{50}$ ,  $EC_{50}$ ,  $LC_{50}$ .)
4. Routes of exposure, biotransformation of toxicants. *In vitro* and *in vivo* models in toxicological studies.
5. Xenobiotics: Common toxicants of air, water & food and their adverse effect on health.

### **CLINICAL RESEARCH (UNIT-VI)**

1. Process of drug development
2. Phases of clinical trials
3. Drug regulatory affairs
4. Principles of GLP, GMP & GCP  
Basic concepts of Intellectual Property rights



**DEPARTMENT OF TOXICOLOGY**  
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## **SYSTEMIC TOXICOLOGY**

**Course Code: MTXCC-101**

**Credits: 4**

**Category: Core Course**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT I**

#### **Dermal and Ocular Toxicology**

Structure and Functions of the skin, dermatological toxic agents, types of dermal toxicity, cutaneous carcinogenesis, methods of evaluating dermal toxicity, general consideration of toxicology of the eye, ocular toxicants and site of their effects, methods of evaluating eye toxicity.

### **UNIT II**

#### **Hepatic and Renal Toxicology**

Anatomy and physiology of the liver, Types of liver injury, Hepatotoxic chemicals and their mechanism of action, Renal structure and functions, chemically induced renal injury, nephrotoxic agents and their mechanism of action.

### **UNIT III**

#### **Pulmonary and Endocrine Toxicology**

Structure and function of the lung, Lung toxicants and their effects, Lung injury, Pulmonary diseases by inhaled toxicants, General idea of endocrine glands, Toxicity to Pituitary glands, adrenal glands and Thyroid glands.

### **UNIT IV**

#### **Immunotoxicology**

Overview of the immune system, Innate and acquired immunity, Active and passive immunity, Humoral and cell-mediated immunity, cytokines, Immunotoxicity and Immunotoxicants, Immunological tolerance, Immunosuppression, Hypersensitivity, Autoimmunity, Major Autoimmune diseases, Methods of evaluating immunotoxicity, Immunoassays.



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## **MOLECULAR TOXICOLOGY**

**Course Code: MTXCC-102**

**Credits: 4**

**Category: Core Course**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT I: INTRODUCTION TO THE CELL**

Cellular organization; Cellular organelles and their function; Cellular macromolecules - structure and function; Cell Membrane – organization, structure and function; Genome organization and function; DNA – coding, non-coding, satellite and pseudogenes; RNA – types and function; Mutation and Polymorphism.

### **UNIT II: TOXICOGENOMICS**

Definition, Promise and Challenge for Risk Assessment, Principles and techniques of nucleic acid hybridization, sequencing of protein and nucleic acids, southern, northern and western blotting techniques, polymerase chain reaction, SNP (Single Nucleotide Polymorphism) chip, Transcriptomics (Gene expression microarray), Applications and prospects.

### **UNIT III: RECEPTOR MEDIATED CELLULAR TOXICITY**

Receptor classifications; Types of Interaction and response; Receptor phosphorylation and methylation; Protein kinases and phosphatases; intracellular receptors; Channel linked Receptors; G-Protein coupled receptors; Tyrosine kinase and Guanylate-cyclase linked receptors; Receptors that regulate gene transcription.

### **UNIT - IV: TOXICOPROTEOMICS**

Proteomics – introduction, concept and applications; Introduction, Concept, application, advantages and limitations of expressional Proteomics, Functional Proteomics, Structural Proteomics. Protein separation techniques, Strategies in protein identification, 2D Gel electrophoresis, Isoelectric Focusing (IEF). Mass spectrometry in proteomics. Protein- Protein interactions- experimental and computational- two hybrid, Phage display; Protein Microarray- Preparation, working and analysis. Proteomics and Microarray databases and allied bioinformatics tools. Peptidomics/Drug discovery, Biomarkers in disease diagnosis, Identification and characterization of novel proteins in toxicology.



# SEMESTER - II

Course Code	Name of the Paper	Paper Category	IA	SE	Total Marks	Course Credits
<b>SEMESTER-II</b>						
MTXCC-201	Food and Cosmetics Toxicology	Core	25	75	100	4
MTXCC-202	Forensic Toxicology	Core	25	75	100	4
MTXCC-203	Pesticide, Heavy Metal and Occupational Toxicology	Core	25	75	100	4
MTXCC-204	Lab Course II	Core	50	150	200	8
MTXOE-201	Fundamentals of Biostatistics	DCE	13	37	50	2
MTX-DSE-201	Neurotoxicology	OE	13	37	50	2
MTX-DSE-202	Animal Welfare in Toxicology	OE	13	37	50	2
<b>Total</b>			<b>164</b>	<b>486</b>	<b>650</b>	<b>26</b>





**DEPARTMENT OF TOXICOLOGY**  
**School of Chemical and Life Sciences**  
**Jamia Hamdard (Deemed to be University)**  
**Hamdard Nagar, New Delhi 110062**

## **FOOD AND COSMETICS TOXICOLOGY**

**Course Code: MTXCC-201**

**Credits: 4**

**Category: Core Course**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT I:**

#### **Toxicants in food**

Enzyme inhibitors, antivitamins, glycoalkaloids, saponins, goitrogens, teratogens. Mycotoxins with special emphasis on Aflatoxin B1 and its metabolism, toxicity and preventive measures, different stages involved in hepatocarcinogenesis by Aflatoxin B1.

### **UNIT II:**

#### **Food adulterants, contaminants and Food additives toxicity**

Agricultural and industrial contaminants in foods (pesticides residues in fruits and vegetables, metal contaminants such as lead, arsenic and mercury in foods), Food additives and its mode of action in packed food, classification and mechanism of toxicity of food additives with special reference to BHT (Butylated hydroxyl toluene) and BHA (Butylated hydroxyl anisole), Food borne bacterial illness with reference to Staphylococcus aureus and Bacillus cereus.

### **UNIT III:**

#### **Toxic Constituents of Marine & Fungal Origin and Food allergies**

Puffer fish, paralytic shellfish poisoning, ciguatera poisoning, toxic algae, Mushrooms (amanita toxins), Definition of food intolerance and food allergies, allergenic food components and their effects, IgE mediated allergies, food sensitivities (anaphylactoid reactions, metabolic food disorders and idiosyncratic reactions), Treatment and prevention of food allergies.

### **UNIT IV:**

#### **Cosmetic toxicity**

Cosmetic induced disorders such as acne, comedones, pruritis, nodules, papules etc. Defense mechanism of skin against UV radiation, Agencies role in launching a cosmetic finish product, Toxicity of shampoos, conditioners, bleachers and dyes, Toxicities evaluation of cosmetic products.



# SEMESTER - III



**DEPARTMENT OF TOXICOLOGY**  
**School of Chemical and Life Sciences**  
**Jamia Hamdard (Deemed to be University)**  
**Hamdard Nagar, New Delhi 110062**

## **REGULATORY TOXICOLOGY**

**Course Code: MTXCC-301**

**Credits: 4**

**Category: Core Course**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT- I: Regulatory guidelines**

- **OECD Guidelines:** OECD guidelines for the testing of chemicals and their amendments: Section 2 (effects on biotic systems) and Section 4 (health effects)
- **Regulations for toxicity testing in India:** Drugs & Cosmetics Act and Rules and their amendments (Schedule Y)

### **UNIT- II: FDA and European Guidelines**

- **FDA:** Code of Federal Regulations- 21CFR312 (Investigational New Drug Application (IND))
- **The European Union Reference Laboratory for alternatives to animal testing (EURL-ECVAM):** An introduction to validation and regulatory acceptance

### **UNIT- III: Pre-clinical investigation of toxicity**

- Importance of in vitro and in vivo testing of chemicals
- Basics of toxicokinetics procedures
- Concepts, procedure and interpretation of acute, sub-acute, sub-chronic and chronic toxicity studies

### **UNIT- IV: Risk Assessment**

- Hazard Identification and Exposure standards: an introduction to RfD, OEL, DNEL, MOE, MOS, ADI, TDI
- Mode of action (threshold and non-threshold)
- An introduction to Threshold of Toxicological Concern (TTC)



**DEPARTMENT OF TOXICOLOGY**  
**School of Chemical and Life Sciences**  
**Jamia Hamdard (Deemed to be University)**  
**Hamdard Nagar, New Delhi 110062**

## **METHODS OF TOXICOLOGY**

**Course Code: MTXCC-302**

**Credits: 4**

**Category: Core Course**

**Marks: 25 (IA) + 75 (SE) = 100**

### **UNIT - I: ANIMAL MODELS OF TOXICITY TESTING**

Importance of in vitro and in vivo testing of chemicals, Concepts and procedures of acute, chronic, subchronic toxicity testing, Mammalian models (rat, mouse, guinea pig, hamster and rabbit), Non-mammalian modes (daphnia, zebrafish),

### **UNIT - II:**

#### **Carcinogenicity testing**

Regulatory requirement for testing, Systemic approaches to testing, Rodent cancer bioassays, Cancer hazard and risk assessment

### **UNIT - III:**

#### **Genotoxicity testing**

Basic genetic concepts related to toxicity and carcinogenicity, Assay selection guidelines, Ames test, Single Cell Gel Electrophoresis (COMET) assay, Sister Chromatid Exchange, Micronucleus assay

### **UNIT - IV:**

Basics of cell culture, different cell lines used in toxicological studies, Basics of toxicokinetics procedures. Alternate models of toxicology





**DEPARTMENT OF TOXICOLOGY**  
**School of Chemical and Life Sciences**  
**Jamia Hamdard (Deemed to be University)**  
**Hamdard Nagar, New Delhi 110062**

## **APPLICATIONS OF INTELLECTUAL PROPERTY RIGHTS**

**Course Code: MTX OE-302**

**Category: OE**

**Credits: 2**

**Marks: 13 (IA) + 37 (SE) = 50**

### **UNIT - I: INTELLECTUAL PROPERTY RIGHTS AND SCIENCE AS PERSPECTIVE**

Concept of Intellectual Property, History and Evolution of Intellectual Property, Treaty and Convention on IP, World Intellectual Property Organization and International Cooperation, Patents, Drafting and Filing Procedures, Domestic and International Patents, Patents Vs. Generic, Trademarks, Industrial Designs, Copyrights, Geographical Indications, Various Other IPs and Patent and Trademark Attorney.

### **UNIT - II: ROLE OF INTELLECTUAL PROPERTY IN RESEARCH AND DEVELOPMENT**

Effect of Intellectual Property Protection in Development, Ideal industrial and institutional setup for Intellectual Property Outcomes, Role of Licensing and commercialization, IP Cells and Technology Transfer Offices, Role of Inventors and Attorneys in Development, Future scope and career in Intellectual Property Field.





# SEMESTER - IV

Course Code	Name of the Paper	Paper Category	IA	SE	Total Marks	Course Credits
<b>SEMESTER-IV</b>						
MBTCC-401	Dissertation (BA)	Core	100	400	500	20
MBT-DCE 402	Seminar (BA)	Core	25	75	100	4
		<b>Total</b>	<b>125</b>	<b>475</b>	<b>600</b>	<b>24</b>

**SC 157 (2): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, CENTRE FOR FEDERAL STUDIES, SHSS HELD ON 22/05/2021.**

A meeting of the Board of Studies, Centre for Federal Studies, SHSS was held on 22/05/2021, wherein, the BoS discussed the Proposal for the introduction of paper MHR-403: “Identity, Issues and Challenges of Human Rights in India” as replacement of the MHR- 403: Dissertation/Project Work in the fourth semester of M. A. in Human Rights Programme:

The Minutes of the Board of Studies, Department of Toxicology held on 10<sup>th</sup> April, 2021 along with Annexure-I & II are placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

**CENTRE FOR FEDERAL STUDIES  
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

**MINUTES OF THE MEETING OF THE BOARD OF STUDIES OF THE CENTRE FOR FEDERAL STUDIES HELD ON 22.05.2021.**

An Online Meeting of the Board of Studies of the Centre for Federal Studies was held on 22.05.2021 at 04.00 PM to consider and recommend the Proposal for the introduction of paper MHR-403: "Identity, Issues and Challenges of Human Rights in India" as replacement of the MHR- 403: Dissertation/Project Work in the fourth semester of M. A. in Human Rights Programme:

Following attended the meeting:

1. Prof. D. Gopal, Former Professor of IGNOU, New Delhi (External Member)
2. Prof. Ajay Kumar Singh, CFS
3. Prof. Sanjay Dubey, CFS
4. Prof. S. Mehartaj Begum, Head, CFS

Head of the Centre welcomed all members, particularly external member, to the meeting of the Board of Studies. Thereafter, the proposal was placed for the consideration of the abolition of the provision of Dissertation/Project by introducing a new paper given in Annexure as its replacement in the Fourth Semester of Masters' Degree in Human Rights. As the dissertation/Project carries 100 marks, the proposed replacement paper is also of 100 marks. Following rationale behind augmenting this proposal was enumerated:

- The test of plagiarism has been extended over the dissertation/Project of Masters level by the University Grants commission (UGC) as a mandatory provision since last year, that is 2020. The students of final year Master's Degree in Human Rights without being taught research methodology, ethics and technical necessities of plagiarism, find it extremely difficult to develop their plagiarism test compliant dissertation/Project despite rendering best possible counselling by the faculties. It is further notable that the period of dissertation/thesis submission by the M.Phil. and Ph.D. students has been extended time to time in view of corona pandemic whereas the M.A doing students are deprived of such extensions/concessions by the UGC and are required to submit their dissertations in time. In this way, Time and Plagiarism testing becomes a challenge for the students.
- Incidentally, the mandatory provision of plagiarism test for the dissertations coincided with the beginning of corona pandemic since March 2020. In the given situation, the movement of the students to consult library, bookshops and teachers for preparation of the dissertation is strictly restricted due to frequent lockdowns and health-related safety concerns. Therefore, the main source of the students remain internet and consequently their dissertations do not pass-through plagiarism test easily despite repeated attempts. As

the scientists presume that this pandemic will take some two years' time to transform itself into an endemic, continuance with the provision of dissertation/Project is immensely problematic and impractical. Academic vis a vis pandemic, has therefore has become a real challenge and issue for the dissertation/Project submission by the students of pursuing Masters in Human rights.

- The fourth-semester carries total 400 marks where each paper is carrying 100 marks including dissertation/Project Work (100 marks) and Viva Voce (100 marks). The academic content meant for teaching is only loaded with the 2 papers (MHR-401 and MHR-402) of 200 marks only. The proposal if acceded to would be instrumental in further enriching syllabi and academic content enrichment which would be helpful in enhancing the student's knowledge and understanding.
- The intent behind the writing of dissertation/Project by the students is to develop their skill and acumen of reading and writing besides developing research orientation. To cope up and meet this requirement of the students, faculty would encourage students to submit assignments and tutorial discussions against each of papers.
- The viva voce of the students is often mainly centered to their dissertation/ project work and the queries of the knowledge test finds the second fiddle. The proposal for the abolition of dissertation/Project work would further help in adjudging students extensively on their subject knowledge and critical understanding and analyzing real-life situations of contemporary world. The viva voce will now be more purposive in making an appropriate and overall assessment of the potential and performance of the students.

**RESOLUTION:**

After a great deal of discussion on the subject, it was decided that the Dissertation/Project work carries 100 marks, submission by the fourth-semester students of M.A Human Rights Programme may be done away and a paper as MHR-403: Identity, Issues and Challenges of Human Rights in India of 100 marks as per attached Annexure, may be introduced with immediate effect from the students enrolled in the 2020-2021 session and onwards.

\*\*\*\*\*

**MHR-403: Identity, Issues and Challenges of Human Rights in India**

**Unit - I. Caste and Religion in India**

- i. Religion and Politics in India
- ii. Caste and Politics in India

**Unit - II. Regional Identities in India**

- i. Language, Region and Politics in India
- ii. Regional Disparities and Political Development

**Unit - III. Contemporary Issues and Challenges**

- i. Public Health and Pandemics
- ii. National Security and Challenges

**Suggested Readings:**

1. Neera Chandhoke, *Beyond Secularism the Rights of Religious Minorities*, Oxford University Press, New Delhi, 1999.
2. D.D. Basu, *Introduction to the Constitution of India*, Lexisnexis Butterworths Wadhwa, Nagpur, 2011
3. Bipan Chandra, Mridula Mukherjee, Aditya Mukherjee, K.N. Panikkar, Sucheta Mahajan,, *India's Struggle for Independence 1957-1947*, Penguin Books, New Delhi, 1987, Chapters 31 to 33.
4. Asghar Ali Engineer (ed). *Communal Riots in Post-Independence India*, Orient Black-Swan, 1991
5. *On Developing Theory of Communism Riots*, IOS, New Delhi, 1984.
6. M.J. Akbar, *Riot After Riot*, Penguin Books, India, 1991.
7. Ashutosh Varshney, *Ethnic Conflict and Civic Life: Hindus and Muslims in India*, Yale University Press, 2002.
8. Paul R. Brass, *The Production of Hindu-Muslim Violence in Contemporary India*, University of Washington Press, 2003.
9. Rajni Kothari, *Caste in Indian Politics*, Orient Longman, Hyderabad,( Reprint 2004)
10. Pradyot Lal & Tara Nair, *Caste Vs Coste: Turbulence in Indian Politics*, Ajanta Books, New Delhi, 1998.

11. Kancha Ilaiah, *Why I am not a Hindu?* Samya Publications, Calcutta, 1996.
12. Ghanshyam Shah (ed), *Caste and Democratic Politics in India*, Permanent Black, New Delhi, 2002.
13. Nirja Gopal Jayal and Pratap Bhanu Mehta, *Politics in India*, Oxford University Press, New Delhi, 2010.
14. N.Vittal, *Corruption in India: The roadblock to National Prosperity*, Academic Foundation, New Delhi, 2003.
15. Dr. Shrikant Paranjpe(ed), *India's Internal Security: Issues and Perspectives*, Kalinga Publications, Delhi, 2009.
16. P.V. Ramana(ed), *The Naxal Challenge: Causes, Linkages and Policy Options*, Dorling Kindersley/Pearson, New Delhi, 2008.
17. Bill Jordan, *A Theory of Poverty and Social Exclusion*, Polity Press, Oxford, 1996.
18. Hari Har Bhattacharya, Partha Sarkar, Angshumen Kar, *The Politics of Social Exclusion in India: Democracy at the Crossroads*, Routledge, New Delhi, 2009.
19. Amartya Sen, —Social Exclusion: Concept Application and Scrutiny||, *Critical Quest*, New Delhi, 2004.
20. Sukhdeo Thorat and Paul Attewell, — The Legacy of Social Exclusion: A Corresponding Study of Job Discrimination in India||, *EPW*, 13 October, 2007.
21. N. Sukumar, —Living a Concept: Semiotics of Everyday Exclusion||, *EPW*, 15-21 November, 2008.
22. Chandra Bhushan, *Terrorism and Separatism in North-East India*, Kalpaz Publications, New Delhi, 2004
23. Report of the Justice B.N. Srikrishna Commission appointed for Inquiry into Riots at Mumbai during December 1992- January 1993 and the March 12, bomb blasts, (Published as *Damning Verdict* by Sabrang, Mumbai).

**SC 157 (3): TO CONSIDER AND APPROVE THE PROPOSAL FOR INTRODUCTION OF PAPER MHR-403: "IDENTITY, ISSUES AND CHALLENGES OF HUMAN RIGHTS IN INDIA" AS REPLACEMENT OF MHR-403: DISSERTATION/PROJECT WORK IN THE FOURTH SEMESTER OF M.A. IN HUMAN RIGHTS PROGRAMME AS RECOMMENDED BY THE BOARD OF STUDIES IN ITS MEETING HELD ON 22.05.2021.**

M.A. in Human Rights Programme of two years duration (four semesters) is offered in the Centre for Federal Studies. Presently, there is a provision of Dissertation/Project Work in the fourth semester of M.A. Human Rights. Since long, Centre has been observing that there is a problem with the dissertation/project work, particularly in the present scenario of pandemic, at the M.A. in Human Rights level. In view of this, a proposal was placed before the Board of Studies Meeting of the Centre for Federal Studies held on 22.05.2021 for abolition of the provision of Dissertation/Project by introducing a new paper given in Annexure as its replacement in the Fourth Semester of Masters' Degree in Human Rights. As the dissertation/Project carries 100 marks, the proposed replacement paper is also of 100 marks.

**Justification behind augmenting this proposal are as under:**

1. The test of plagiarism has been extended over the dissertation/Project of Masters level by the University Grants commission (UGC) as a mandatory provision since last year, that is 2020. The students of final year Master's Degree in Human Rights without being taught research methodology, ethics and technical necessities of plagiarism, find it extremely difficult to develop their plagiarism test compliant dissertation/Project despite rendering best possible counselling by the faculties. It is further notable that the period of dissertation/thesis submission by the M.Phil. and Ph.D. students has been extended time to time in view of corona pandemic whereas the M.A. doing students are deprived of such extensions/concessions by the UGC and are required to submit their dissertations in time. In this way, Time and Plagiarism testing becomes a challenge for the students.
2. Incidentally the mandatory provision of plagiarism test for the dissertations coincided with the beginning of corona pandemic since March 2020. In the given situation, the movement of the students to consult library, bookshops and teachers for preparation of the



dissertation is strictly restricted due to frequent lockdowns and health-related safety concerns. Therefore, the main source of the students remain internet and consequently their dissertations do not pass-through plagiarism test easily despite repeated attempts. As the scientists presume that this pandemic will take some two years' time to transform itself into an endemic, continuance with the provision of dissertation/Project is immensely problematic and impractical. Academic vis a vis pandemic, has therefore has become a real challenge and issue for the dissertation/Project submission by the students of pursuing Masters in Human rights.

3. The fourth-semester carries total 400 marks where each paper is carrying 100 marks including dissertation/Project Work (100 marks) and Viva Voce (100 marks). The academic content meant for teaching is only loaded with the 2 papers (MHR-401 and MHR-402) of 200 marks only. The proposal if acceded to would be instrumental in further enriching syllabi and academic content enrichment which would be helpful in enhancing the student's knowledge and understanding.
4. The intent behind the writing of dissertation/Project by the students is to develop their skill and acumen of reading and writing besides developing research orientation. To cope up and meet this requirement of the students, faculty would encourage students to submit assignments and tutorial discussions against each of papers.
5. The viva voce of the students is often mainly centered to their dissertation/ project work and the queries of the knowledge test finds the second fiddle. The proposal for the abolition of dissertation/Project work would further help in adjudging students extensively on their subject knowledge and critical understanding and analyzing real-life situations of contemporary world. The viva voce will now be more purposive in making an appropriate and overall assessment of the potential and performance of the students.

The Board of Studies of the Centre for Federal Studies decided that the MHR-403: Dissertation/Project work carries 100 marks, submission by the fourth-semester students of M.A Human Rights Programme may be done away and a paper as MHR-403: Identity, Issues and Challenges of Human Rights in India of 100 marks as per attached Annexure, may be

introduced with immediate effect from the students enrolled in the 2020-2021 session and onwards.

The above matter along with annexure are placed before the Standing Committee of the Academic Council for consideration and approval.

Secretary  
Standing Committee of AC

### MHR-403: Identity, Issues and Challenges of Human Rights in India

#### Unit - I. Caste and Religion in India

- i. Religion and Politics in India
- ii. Caste and Politics in India

#### Unit - II. Regional Identities in India

- i. Language, Region and Politics in India
- ii. Regional Disparities and Political Development

#### Unit - III. Contemporary Issues and Challenges

- i. Public Health and Pandemics
- ii. National Security and Challenges

#### Suggested Readings:

1. Neera Chandhoke, *Beyond Secularism the Rights of Religious Minorities*, Oxford University Press, New Delhi, 1999.
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3. Bipan Chandra, Mridula Mukherjee, Aditya Mukherjee, K.N. Panikkar, Sucheta Mahajan,, *India's Struggle for Independence 1957-1947*, Penguin Books, New Delhi, 1987, Chapters 31 to 33.
4. Asghar Ali Engineer (ed). *Communal Riots in Post-Independence India*, Orient Black-Swan, 1991
5. *On Developing Theory of Communism Riots*, IOS, New Delhi, 1984.
6. M.J. Akbar, *Riot After Riot*, Penguin Books, India, 1991.
7. Ashutosh Varshney, *Ethnic Conflict and Civic Life: Hindus and Muslims in India*, Yale University Press, 2002.
8. Paul R. Brass, *The Production of Hindu-Muslim Violence in Contemporary India*, University of Washington Press, 2003.
9. Rajni Kothari, *Caste in Indian Politics*, Orient Longman, Hyderabad,( Reprint 2004)
10. Pradyot Lal & Tara Nair, *Caste Vs Coste: Turbulence in Indian Politics*, Ajanta Books, New Delhi, 1998.
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12. Ghanshyam Shah (ed), *Caste and Democratic Politics in India*, Permanent Black, New Delhi, 2002.
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14. N.Vittal, *Corruption in India: The roadblock to National Prosperity*, Academic Foundation, New Delhi, 2003.
15. Dr. Shrikant Paranjpe(ed), *India's Internal Security: Issues and Perspectives*, Kalinga Publications, Delhi, 2009.
16. P.V. Ramana(ed), *The Naxal Challenge: Causes, Linkages and Policy Options*, Dorling Kindersley/Pearson, New Delhi, 2008.
17. Bill Jordan, *A Theory of Poverty and Social Exclusion*, Polity Press, Oxford, 1996.
18. Hari Har Bhattacharya, Partha Sarkar, Angshumen Kar, *The Politics of Social Exclusion in India: Democracy at the Crossroads*, Routledge, New Delhi, 2009.
19. Amartya Sen, —Social Exclusion: Concept Application and Scrutiny||, *Critical Quest*, New Delhi, 2004.
20. Sukhdeo Thorat and Paul Attewell, — The Legacy of Social Exclusion: A Corresponding Study of Job Discrimination in India||, *EPW*,13 October,2007.
21. N. Sukumar, —Living a Concept: Semiotics of Everyday Exclusion||, *EPW*, 15-21 November,2008.
22. Chandra Bhushan, *Terrorism and Separatism in North-East India*, Kalpaz Publications, New Delhi, 2004
23. Report of the Justice B.N. Srikrishna Commission appointed for Inquiry into Riots at Mumbai during December 1992- January 1993 and the March 12, bomb blasts, (Published as *Damning Verdict* by Sabrang, Mumbai).

**SC 157 (4): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING UNDER SEST HELD ON 24/05/2021.**

A meeting of the Board of Studies, Department of Computer Science and Engineering under SEST, was held on 24/05/2021, wherein, the BoS discussed and resolved the following matters:

- To approve the Panel of Examiners, Paper-Setters, and Evaluators for Odd Semester Examination 2020-2021 first year batches.
- To grant permission to a student to appear for his backlog paper BCA 201, and to complete his course.
- To approve PhD for working professionals (industry and government officials) in part time mode.
- To allow non-NET/GATE candidates for PhD (CSE/CS) admission.
- To approve flexibility in the course wise intake in M.Tech (CSE/DS/CFIS) course with 60 as the total intake.
- To report the progress on National Innovation & Startup Policy (NISP), Jamia Hamdard.
- To apprise the committee on plan to appoint of a counselor on part time or guest faculty for counselling of student as per direction of UGC and AICTE.

The above Minutes of the Board of Studies, Department of Computer Science and Technology held on 24<sup>th</sup> May, 2021 along with Annexure is placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

**Jamia Hamdard**  
**Department of Computer Science & Engineering (CSE)**  
**School of Engineering Sciences & Technology**

**May 24, 2021**

BOS Ref. No: SEST /CSE/2021/02

**Minutes of BOS Meeting**

A meeting of the Board of Studies (BOS), Department of Computer Science & Engineering was held today on Monday, 24<sup>th</sup> May, 2021 at 11:00 am in online mode. The following members were present.

1. Prof. M. Afshar Alam, Head Department of CSE, Jamia Hamdard (In Chair).
2. Prof. M.N. Doja, External Member, Director, IIIT, Sonapat. Haryana.
3. Prof. R. K Agarwal, External Member, School of Computer & System Sciences, JNU, New Delhi.
4. Dr. Sameena Naaz, Member, Department of Computer Science & Engineering, Jamia Hamdard.
5. Dr. Farheen Siddiqui, Member, Department of Computer Science & Engineering, Jamia Hamdard.
6. Dr. Ihtiram Raza Khan, Member, Department of Computer Science & Engineering, Jamia Hamdard.
7. Dr. Jawed Ahmed, Member, Department of Computer Science & Engineering, Jamia Hamdard.
8. Dr. Suraiya Parveen, Department of Computer Science & Engineering, Jamia Hamdard. (Special Invitee).

The chairman, BOS welcomed the external members, Prof. Mohammad Najmud Doja, Director, IIIT Sonapat (NIT Kurukshetra Campus) and Prof. R K Agarwal, School of Computer and System Sciences, JNU for sparing their valuable time for attending the meeting. Considering the agenda items, the members resolved the following points:

**Item 1: To confirm the Minutes of the BOS Meeting held on 18.01.2021.**

The Minutes of the BOS meeting (Annexure-1) were confirmed.

**Item 2: To approve the Panel of Examiners, Paper-Setters, and Evaluators for Odd Semester Examination 2020-2021 first year batches.**

The panel of examiners for odd semester Examination 2020-2021 first year batches has been approved. (Annexure-2).

OFFICE OF THE DEAN  
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES  
JAMIA HAMDARD, NEW DELHI



Revised Syllabus and Bye-Laws

of

M.A. Programme

in

Public Policy and Governance

Note:

- (i) Revised Syllabus & Bye-Laws passed by Joint meeting of BoS and School Board held on 06 March 2020.
- (ii) 40<sup>th</sup> Academic Council, held on 03 September 2020, vide agenda item No. AC40 (5) approved it. Approved Minutes of the AC enclosed.
- (iii) Revised Syllabus and Bye-Laws to be effective from the Academic Session 2020-21.

DEAN, SHSS

AC 40 (5): TO APPROVE THE MINUTES OF THE JOINT MEETING OF BoS (CENTRE FOR FEDERAL STUDIES, AND ISLAMIC STUDIES) AND SCHOOL BOARD, SCHOOL OF SCHOOL OF HUMANITIES AND SOCIAL SCIENCES HELD ON 6<sup>TH</sup> MARCH, 2020

A joint meeting of Board of Studies of Centre for Federal Studies and D/o Islamic Studies and School Board of School of Humanities and Social Sciences held on 6<sup>th</sup> March, 2020 to discuss and approve the following;

1. Introduction of the Masters in Public Policy, including its course design and bye-laws;
2. Restructuring and revision of the syllabus of M.Phil and PhD programme and its bye-laws;
3. Syllabi and bye-laws of the B.A. (Hons.) and M.A. programmes in Islamic Studies.

The above Minutes of the BoS along with annexure is placed before the Academic Council for approval. Annex - Ac(40) 5

Secretary  
Academic Council



JAMIA HAMDARD  
(DEEMED TO BE UNVIERSITY)  
HAMDARD NAGAR, NEW DELHI-62

MINUTES OF THE 40<sup>th</sup> MEETING OF THE ACADEMIC COUNCIL HELD ON 3<sup>rd</sup>  
SEPTEMBER, 2020 AT 11.30 A.M. AT HAMDARD CONVENTION CENTRE, JAMIA  
HAMDARD, NEW DELHI-110062

PRESENT (PHYSICALLY):

1. Prof. (Dr.) Seyed E. Hasnain, Vice-Chancellor - Chairman
2. Prof. Y.K. Gupta - Member
3. Prof. S.H. Ansari
4. Prof. M. Afshar Alam
5. Prof. Mohammad Amir
6. Prof. Ravichandran
7. Prof. Ajay Kumar Singh
8. Prof. Masood Parveez
9. Prof. Farhan Jalees Ahmad
10. Prof. Mohd. Aslam -
11. Prof. S.M. Arif Zaidi
12. Prof. M.Z. Abdin
13. Prof. G.Y. Anjum
14. Prof. M. Sarwar Alam
15. Prof. Suhel Parvez
16. Prof. Uma Bhandari
17. Prof. Kanchan Kohli
18. Prof. Vidhu Aeri
19. Prof. Ona P. Desai
20. Prof. Shibu John
21. Prof. Reshma Nasreen
22. Dr. Shayama Kumari Razdan
23. Prof. Ramba Pathak
24. Prof. Khaja Naseeruddin
25. Prof. Reva Tripathi
26. Prof. Begum Farzana Islam
27. Prof. Amit Sharma
28. Prof. S. Raisuddin
29. Prof. A.A. Firdausi
30. Prof. Kalim Javed
31. Prof. Geeta Chawla
32. Prof. Abul Kalam Najmi
33. Prof. Iqbal Alam
34. Dr. Mohd. Akram
35. Dr. S. Nadimul Haque
36. Mr. Mirza Wazir Hussain

4	PG Diploma in Computer Applications	PGDCA	662
5	PG Diploma in Artificial Intelligence	PGDAI	663
6	PG Diploma in Machine Learning	PGDML	664
7	Masters in Business Administration (Distance)	MBAD	665
8	Masters in Computer Applications (Distance)	MCAD	666

**ISSUE OF MIGRATION CERTIFICATE TO THE PASS OUT STUDENTS FROM SODL:**

**CHARGES FOR ISSUE OF DUPLICATE IDENTITY AND ADMIT CARD:**

**Resolution of BoM:**

"The BoM approved the proposal of Dean, SODL to allocate code numbers to new academic programs, issue of Migration certificate to the passed out students of SODL and revision in the charges for issue of duplicate identity and admit card.

- C. CHARGING OF FEES FOR ISSUE OF PROVISIONAL CERTIFICATE, MIGRATION CERTIFICATE AND DEGREE CERTIFICATE FROM THE ODL STUDENTS AT THE TIME OF ADMISSION ITSELF FOR THE CERTIFICATE/DIPLOMA/PG DIPLOMA PROGRAMMES AND IN THE FINAL YEAR OF UG AND PG PROGRAMMES.**

**Resolution of BoM:**

"Regarding charging of fees for issue of provisional certificate, migration certificate and degree certificate from the ODL students at the time of admission itself for the certificate/diploma/PG diploma programs and in the final year of UG and PG programs. it resolved to reduce the charges by half as mentioned in the agenda i.e. from Rs. 500 to Rs. 250."

The AC noted the above matters and resolutions adopted therein by the Board of Management as brought out in the agenda items."

- AC 40 (5): TO APPROVE THE MINUTES OF THE JOINT MEETING OF BoS (CENTRE FOR FEDERAL STUDIES, AND ISLAMIC STUDIES) AND SCHOOL BOARD, SCHOOL OF HUMANITIES AND SOCIAL SCIENCES HELD ON 6<sup>TH</sup> MARCH, 2020**

The House deliberated on the Minutes of the joint meeting of the BoS, Centre for Federal Studies and Department of Islamic Studies and School Board of SHSS

Prof. G.Y. Anjum suggested that earlier AC decision to accept the degree of 'Alimiayat' and 'Fazilat' as qualification for admission to B.A. and M.A. programs, respectively needs to be reviewed. The AC accepted this suggestion and resolved that the same be reviewed in the meeting of the School Board, whenever convened and the same be presented to the next meeting of the AC.

"After that, the AC resolved to approve the Minutes of the meetings of the Board of Studies, Centre for Federal Studies and Department of Islamic Studies and School Board held on 6/03/2020"

**AC 40 (6): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES OF SCHOOL OF OPEN AND DISTANCE LEARNING (SODL) HELD ON 4/02/2020.**

Dean, SODL informed the house that PG Diploma courses, listed below, as recommended by the BoS, designed and structured jointly in consultation with Department of Computer Science & Engineering shall be run through distance mode. These courses are big in demand and there will be no extra financial burden to start these programs.

After discussion, the AC resolved to approve the Minutes of the BoS of SODL along with Programmes Project Reports (PPR), course structures of the following programs to be started from July 2020/January 2021 session:

1. PG Diploma in Big Data Analytics
2. PG Diploma in Cloud Computing
3. PG Diploma in Internet of Things
4. PG Diploma in Cyber Security and Digital Forensics
5. Diploma in Professional Arabic
6. Certificate in Computer Hardware

It was decided to review the demand of these programmes and only those programmes who have good demand should be allowed to continue.

**AC 40 (7): MINUTES OF THE BOARD OF STUDIES OF SCHOOL OF OPEN AND DISTANCE LEARNING (SODL) HELD ON 23/12/2019.**

Dean, SODL briefed the house that the following programmes have been proposed by the BoS, SODL for introduction from academic year July 2020/January 2021 which have been designed by the Expert Committees

**Centre for Federal Studies  
School of Humanities & Social Sciences  
Jamia Hamdard, New Delhi**

***Masters in Public Policy and Governance***

(Approved by Joint meeting of BoS & School Board held on 06/03/2020)

**Bye-Laws**

Subject to relevant rules/bye-laws/ guidelines and other statutory decisions as laid down from time to time by the University and statutory bodies of the Government of India, Bye-laws governing the course are as follows.

**Eligibility for Admission**

45% marks in the aggregate in the Bachelors Examination recognised by the statutory bodies of India. The process of selection will be as determined/laid down by the Centre/University from time to time.

**Duration**

Four consecutive semesters (two years). However, students may be permitted to clear backlog paper(s) within a span of four years.

**Attendance**

75% attendance is mandatory for writing end semester exams.

**Examination & Evaluation**

Centre follows credit based letter grade system.

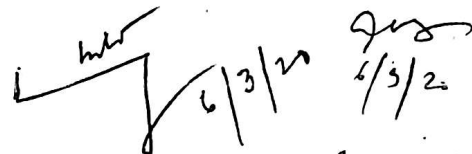
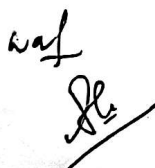
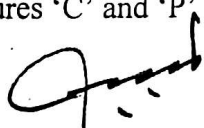
- Pass percentage will be 40% (i.e. in P in letter grade system) in each paper.
- The ratio between the end-semester examination and internal assessment marks will be 75:25.
- Internal assessment/performative assessment is a continuous process. In each semester, students are expected to write two term papers either essays/field study based reports, literature review, policy documents appraisal or as instructed or specified by the course teachers, followed by two seminar presentations.
- Before submission of dissertation, students will be required to make a pre-submission presentation for peer comments and improvements.

**Supplementary and improvement examination**

There will be supplementary/ improvement examination after each semester/ annual examination. A student may have choice to appear in the backlog papers in the supplementary examination or in the subsequent regular semester/ annual examination with a prescribed fee as laid down by the University from time to time.

A student who cleared all the papers of a semester/annual examination of a programme/course will be eligible for Improvement Examination on the following conditions:

- (i) A student shall be eligible to appear at the improvement examination if he/ she secures 'C' and 'P' grade in any course.



- (ii) For the purpose of determining the SGPA/CGPA, the better of the two performances (regular and improvement) in the examinations shall be taken into consideration.
- (iii) The supplementary examination will be held within one month of declaration of result.
- (iv) The improvement examination will be allowed only once within one year of the date of the original examination.
- (v) The marks/ grades scored by the students in the improvement examinations shall not be considered for award of ranks, medals, prizes etc.
- (vi) The students who will take Repeat/ Supplementary Examinations, will not be entitled to be considered for the award of medals, prizes, and ranks, etc.

#### Re-evaluation of Answer books

Students may be allowed to seek re-evaluation of his/her answer book by submitting a written application, along with necessary fee, within one week after declaration of results. Re-totalling of marks examinations will be allowed within one week from the date of declaration of results.

#### Promotion criteria from semester/ annual examination

A student will be required to clear minimum 50% of his/ her papers in a semester/annual examination to be eligible for promotion to the next semester/ year.

#### Distribution of Credits

Sl.No.	Paper Code - Title	Semester	Credit
1.	MPG-101 – Theories of State and Democracy	1 <sup>st</sup> Semester	06
2.	MPG-102 – Public Policy : Theories and Approaches	1 <sup>st</sup> Semester	06
3.	MPG-103 – Theories of Governance	1 <sup>st</sup> Semester	06
4.	MPG-104 – Theories of Development and Welfarism	1 <sup>st</sup> Semester	06
5.	MPG-201 – Public Policy Governance in Select Federations	2 <sup>nd</sup> Semester	06
6.	MPG-202 – Public Policy Governance in Select Non-Federal Polities	2 <sup>nd</sup> Semester	06
7.	MPG-203 – Globalisation and Public Policy	2 <sup>nd</sup> Semester	06
8.	MPG-204 – Identity Politics and Public Policy	2 <sup>nd</sup> Semester	06
9.	MPG-301 – Federal Governance in India	3 <sup>rd</sup> Semester	06
10.	MPG-302 – Statutory and Regulatory Institutions in India	3 <sup>rd</sup> Semester	06
11.	MPG-303 – Economic Development and Welfare Funding	3 <sup>rd</sup> Semester	06
12.	MPG-304 – Liberalisation and Public Policy	3 <sup>rd</sup> Semester	06
13.	MPG-401 – (Compulsory) : Research Methodology	4 <sup>th</sup> Semester	06
14.	MPG-402 – (Elective) : Social Welfare Policies	4 <sup>th</sup> Semester	10
15.	MPG-403 – (Elective) : Science, Technology and Environment Policy	4 <sup>th</sup> Semester	10
16.	MPG-404 – (Compulsory) : Dissertation	4 <sup>th</sup> Semester	22
<b>Total Credits:</b>			<b>120</b>

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## Grading System

The following grading system under 10 points scale will be adopted:

Table for pass marks 40

Letter Grade*	Grade Point**
O (Outstanding)	10
A+ (Excellent)	9
A (Very Good)	8
B+ (Good)	7
B (Above Average)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

\*Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters viz, O, A+, A, B+, B, C, P and F.

\*\*Grade Point: It is numerical weight allotted to each letter grade on a 10-point scale.

### Converting the marks into letter grades

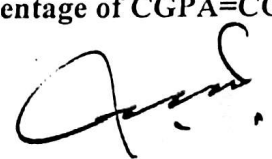
Letter Grade	Grade Point	Range of Percentage of Marks
O (Outstanding)	10	90 and above to 100 (90-100)
A+ (Excellent)	9	80 and above and Less than 90 (80<90)
A (Very Good)	8	70 and above and Less than 80 (70<80)
B+ (Good)	7	65 and above and Less than 70 (65<70)
B (Above Average)	6	55 and above and Less than 65 (55<65)
C (Average)	5	50 and above and Less than 55 (50<55)
P (Pass)	4	40 and above and Less than 50 (40<50)
F (Fail)	0	00 and above and Less than 40 (00<40)
Ab (Absent)	0	--

A student obtaining Grade 'F' shall be considered failed and will be required to reappear in the examinations.

### Formula for Conversion of CGPA into percentage of Marks.

The Percentage equivalent to the CGPA shall be obtained by using the following formula:

Equivalent percentage of CGPA = CGPA x 10



asf



hmr  
6/3/20

asf  
6/3/20

### Classification of Results




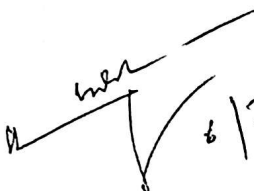


The following formula may be considered for adoption by the University for the Award of class/ division.

#### Table for pass marks 40

Range of CGPA	Division/Class
CGPA of 7.5 and above and upto 10	I Division with Distinction
CGPA of 6.00 and above and less than 7.50	I Division
CGPA of 5.00 and above and less than 6.00	II Division
CGPA of 4.00 and above and less than 5.00	III Division

#### Amendment in the Bye-Laws

If not otherwise stated, above bye laws will stand automatically amended as per changes/amendments in the relevant acts/ rules/ ordinances/ statutes of the University and Government of India, notified from time to time.

       
6/3/20  
6/3/20

SC 160 (7): TO APPROVE THE MINUTES OF THE BOARD OF STUDIES, DEPARTMENT OF MANAGEMENT, SCHOOL OF MANAGEMENT AND BUSINESS STUDIES HELD ON 25/05/2022.

A meeting of the Board of Studies, Department of Management, SMBS was held to discuss and resolve the following matters:

1. Reporting / approval of the Introduction of SWAYAM / MOOC's Courses in the current syllabus of CBCS of UG / PG courses of the Department of Management.
2. Reporting / approval on the Program Outcome and Course Outcome in the bye-laws of all programmes of the Department of Management as per the decision of SC of AC.
3. Approval of Panel of Examiners of all courses for even semester examination 2022.

The Minutes of the Board of Studies, Department of Management, SMBS held on 25/05/2022 along with enclosures is placed before the Standing Committee of the Academic Council for approval.

Secretary  
Standing Committee of AC



## AGENDA ITEMS

FOR

155<sup>th</sup> MEETING OF THE STANDING COMMITTEE OF ACADEMIC COUNCIL

OF

JAMIA HAMDARD

ITEM NO.	ITEM	PAGE NO.
1	TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 22/12/2020 HELD IN THE DEPARTMENT OF REHABILITATION SCIENCES, SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH.	01
2	TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 18/01/2021 HELD IN THE DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY.	18
3	TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 18/01/2021 HELD IN THE HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR), SCHOOL OF LAW.	23
4	TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 29/01/2021 HELD IN THE DEPARTMENT OF MANAGEMENT, SCHOOL OF MANAGEMENT AND BUSINESS STUDIES.	43
5	TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 17/02/2021 HELD IN THE DEPARTMENT OF HEALTHCARE AND PHARMACEUTICAL MANAGEMENT, SCHOOL OF MANAGEMENT AND BUSINESS STUDIES.	53
6	TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 18/02/2021 HELD IN THE DEPARTMENT OF HOTEL MANAGEMENT & CATERING TECHNOLOGY, SCHOOL OF MANAGEMENT AND BUSINESS STUDIES.	57

SC 155 (6): TO APPROVE THE MINUTES OF THE MEETING OF THE BOARD OF STUDIES DATED 18/02/2021 HELD IN THE DEPARTMENT OF HOTEL MANAGEMENT & CATERING TECHNOLOGY, SCHOOL OF MANAGEMENT AND BUSINESS STUDIES.

A meeting of the Board of Studies in the Department of Hotel Management & Catering Technology under SMBS was held on 18<sup>th</sup> February, 2021, whereas, the BoS discussed and approved the following:

1. The name of the course from Bachelor of Hotel Management with Food Processing should be changed according to UGC or AICTE guidelines. In pursuance of the same, it was decided by the BoS to follow UGC guidelines and rename the program as Bachelor of Hotel Management (BHM). Other norms of the UGC also need to be followed.

It was also suggested by the members that the same course nomenclature may be used for existing batches, if permitted.

2. The BoS also discussed for adopting UGC guidelines in toto for upcoming BHM course batches.
3. Members were of opinion the non-credit courses, soft skills, foreign language may also be included in the curriculum.
4. Members also proposed that teaching hours may not be more than 25 hrs. per week. Remaining hours should be consumed in the non credit / practical courses.
5. Food processing related content/subjects may be removed.
6. In the light of the above, the BoS modified the syllabus which is attached herewith.

The Minutes of the Board of Studies, Department of Hotel Management and Catering Technology under SMBS held on 18<sup>th</sup> February, 2021 along with Annexure are placed before the Standing Committee for approval.

Secretary  
Standing Committee of AC

**School of Unani Medical Education & Research**

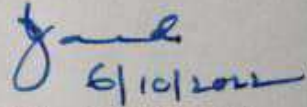
**Jamia Hamdard**

Date: 06/10/2022

As per the guidelines of NCISM, School of Unani Medical Education and Research has implemented the Minimum Standard of Education (MSE-2022) for BUMS given by NCISM and Gazette Notified by Government of India on 28<sup>th</sup> February 2022.

The Syllabus of BUMS First Professional given by NCISM has been adopted for the newly admitted batch of BUMS (2021-2022) as per the instruction of NCISM.

The same will be adopted in the forthcoming meeting of the School Board.

  
6/10/2022

**Prof. S.M. Arif Zaidi**

Dean

Dean

School of Unani Medical Education & Research  
Jamia Hamdard (Deemed to be University)  
Hamdard Nagar, New Delhi-110062



# भारत का राजपत्र The Gazette of India

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असाधारण  
EXTRAORDINARY

भाग III—खण्ड 4  
PART III—Section 4

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 111]

नई दिल्ली, सोमवार, फरवरी 28, 2022/फाल्गुन 9, 1943

No. 111]

NEW DELHI, MONDAY, **FEBRUARY 28, 2022**/PHALGUNA 9, 1943

भारतीय चिकित्सा पद्धति राष्ट्रीय आयोग

अधिसूचना

नई दिल्ली, 28 फरवरी, 2022

फा. सं. 11-76/2021-बी.यू.एस.एस (यूनानी- यूजी रेगुलेशन).—भारतीय चिकित्सा पद्धति राष्ट्रीय आयोग अधिनियम, 2020 (2020 का 14 ) की धारा 55 की उप-धारा (2) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, आयोग निम्न विनियमों का निर्माण करती हैं, अर्थात्:-

- 1 संक्षिप्त शीर्षक और प्रारंभ.- (1) इन विनियमों को भारतीय चिकित्सा पद्धति राष्ट्रीय आयोग (स्नातकीय यूनानी शिक्षा के न्यूनतम मानक), विनियम 2022 कहा जाएगा।  
(2) ये विनियम सरकारी राजपत्र में उनके प्रकाशन की तिथि से प्रभावी होंगे।
- 2 परिभाषाएं.- (1) इन विनियमों में, जब तक कि संदर्भ से अन्यथा अपेक्षित न हो, -
  - (i) “अधिनियम” का अर्थ भारतीय चिकित्सा पद्धति राष्ट्रीय आयोग अधिनियम, 2020 (2020 का 14) अभिप्रेत है।
  - (ii) “अनुलग्नक” का अर्थ इन विनियमों के साथ संलग्न अनुलग्नक है:
  - (iii) “परिशिष्ट” का अर्थ इन विनियमों के साथ संलग्न परिशिष्ट है।
- (2) यहां प्रयुक्त हुए और परिभाषित न किए गए शब्दों और अभिव्यक्तियों का अधिनियम में परिभाषित वही अर्थ होगा जो क्रमशः उन्हें अधिनियम में सौंपे गए हैं।

यह प्रमाणित किया जाता है कि (प्रशिक्षणार्थी का नाम) प्रशिक्षणार्थी (कॉलेज और पते का नाम) ने निम्नलिखित विभागों में ..... से ..... तक एक वर्ष की अवधि के लिए (कॉलेज का नाम और पता/पोस्टिंग का स्थान) में अपनी अनिवार्य परिभ्रामी विशिखानुप्रवेश पूरी कर ली है;

क्रमांक	विभाग/संस्थान का नाम	प्रशिक्षण की अवधि (दिन/माह/वर्ष) से	प्रशिक्षण की अवधि (दिन/माह/वर्ष) तक

विशिखानुप्रवेश अवधि के दौरान छात्र का आचरण ..... है।

प्रधानाचार्य/डीन/निदेशक के हस्ताक्षर  
कार्यालय मुहर

दिनांक:

स्थल:

रघुराम भट्ट यू, सचिव प्रभारी

[विज्ञापन-III/4/असा./664/2021-22]

**नोट:** यदि भारतीय चिकित्सा पद्धति राष्ट्रीय आयोग (स्नातक यूनानी शिक्षा का न्यूनतम मानक) विनियम 2022 के हिंदी और अंग्रेजी संस्करण के बीच कोई विसंगति पाई जाती है, तो अंग्रेजी संस्करण को अंतिम माना जाएगा।

**THE NATIONAL COMMISSION FOR INDIAN SYSTEM OF MEDICINE  
NOTIFICATION**

New Delhi, the 28th February, 2022.

**F. No. 11-76/2021-BUSS (Unani-U.G Regl.).**—In exercise of the powers conferred by sub-section (2) of section 55 of the **National Commission for Indian System of Medicine Act, 2020 (14 of 2020)**, the Commission hereby makes the following regulations, namely:-

- 1 Short title and commencement.**- (1) These regulations may be called **National Commission for Indian System of Medicine (Minimum Standards of Undergraduate Unani Education), Regulations 2022.**
- (2) They shall come into force on the date of their publication in the Official Gazette;
- 2 Definitions.**- (1) In these regulations, unless the context otherwise requires,-
  - (i) “Act” means the National Commission for Indian System of Medicine Act, 2020 (14 of 2020);
  - (ii) “Annexure” means an annexure appended to these regulations;
  - (iii) “Appendix” means an appendix appended to these regulations.
- (2) The words and expressions used herein and not defined but defined in the Act shall have the same meanings as respectively assigned to them in the Act.

**3 Bachelor of Unani Medicine and Surgery programme.-** The Bachelor of Unani education namely, the Bachelor of Unani Medicine and Surgery (B.U.M.S.) shall produce Graduates, having profound knowledge of Unani Medicine along with the contemporary advances in the field of Unani Medicine supplemented with knowledge of scientific and technological advances in modern sciences and technology along with extensive practical training, as an efficient physicians and surgeons for the health care services.

**4 Eligibility for admission.-** (1) The eligibility to seek admission in Bachelor of Unani Education (Bachelor of Unani Medicine and Surgery) shall be as under,-

(a) The candidate shall have passed 10+2 or its equivalent examination from any recognised Board with Physics, Chemistry and Biology and shall have obtained a minimum of fifty per cent. marks taken together in Physics, Chemistry and Biology in the case of General category and forty per cent. marks in the case of the Scheduled Castes, Scheduled Tribes and Other Backward Classes:

Provided that in respect of persons with disability candidate specified under the Rights of Persons with Disabilities Act, 2016 (49 of 2016), the minimum qualifying marks in the said examinations shall be forty-five per cent. in the case of General category and forty per cent. in the case of the Scheduled Castes, Scheduled Tribes and Other Backward Classes.

(b) candidate shall have passed Urdu or Arabic or Persian language as one of the subjects in the 10<sup>th</sup> Standard or in 12<sup>th</sup> Standard.

(c) candidate who is not covered under clause (b) shall have to study Urdu language along with Arabic and Mantiq wa Falsafa (Logic and Philosophy) as a subject during the First Professional B.U.M.S. session.

(d) The Pre-Tib examination shall be for one-year duration.

**(i) Admission to Pre-Tib Programme.-** A candidate seeking admission to one year Pre-Tib programme shall have passed:-

(A) The oriental qualification equivalent to Intermediate Examination (10+2) as specified as per the following table, namely:-

**Table-1**

List of Oriental qualification in Arabic Persian equivalent to Higher Secondary or Intermediate or 12<sup>th</sup> Standard for the purpose of admission to Pre-Tib programme of the Unani degree programme:

Sl.No.	Name of Institution	Qualification
1.	Lucknow University	Fazil-e-Adab (or) Fazil-e-Tafseer
2.	Darul Uloom Nadvatul-Ulama, Lucknow	Fazil
3.	Darul Uloom, Deoband, Distt. Saharanpur	Fazil
4.	Al-Jameat-ul Salfia, Markazi Darul-Uloom, Varanasi	Fazil
5.	Board of Arabic and Persian Examination, Uttar Pradesh Allahbad or Uttar Pradesh Madarsa Shiksha Parishad, Lucknow	Fazil
6.	Madarsa Faize Aam, Mau Nath Bhajan, Azamgarh (Uttar Pradesh )	Fazil
7.	Darul Hadees, Mau Nath Bhajan, Azamgarh (Uttar Pradesh)	Fazil
8.	Jameat-ul-Falah, Bilaria Ganj Azamgarh (Uttar Pradesh)	Fazil
9.	Darul Uloom Ashrafia Misbahul Uloom, Mubarakpur, Azamgarh (Uttar Pradesh)	Fazil
10.	Jamia Sirajul Uloom, Bondhiyar, Gonda (Uttar Pradesh)	Fazil
11.	Jamia Farooqia Sabrabad, via Shahganj, DIstt. Jaunpur (Uttar Pradesh)	Fazil

12.	Madras University	Adeeb-e-Fazil
13.	Darul Uloom Arabic College, Meerut City (Uttar Pradesh)	Fazil
14.	Madarsa Mazahir Uloom, Saharanpur (Uttar Pradesh)	Fazil
15.	Government Madrasa-e-Alia, Rampur	Fazil
16.	Al-Jamiatul Islamia, Noor Bagh, Thane, Mumbai	Fazil
17.	Al-Jamiat-ul Mohammediya, Mansoor, Malegaon	Fazil
18.	Al-Jamiatul Islamia Is-hat-ul-Uloom, Akkalkuan, Distt. Dhulia	Fazil
19.	Bihar Rajya Madarsa Shiksha Baord, Patna	Fazil
20.	Jamia-tus-Salehat, Rampur (Uttar Pradesh)	Fazil
21.	Madrasa-tul-Islah, Saraimir, Azamgarh (Uttar Pradesh)	Fazil
22.	Jamia Darus Salam, Malerkotla (Punjab)	Fazil
23.	Khairul Uloom, Al-Jamiatul Islamia, Domaria Ganj, Distt. Siddharth Nagar (Uttar Pradesh)	Fazil
24.	Madarsa Darul Huda, Yusufpur, via Naugarh, Distt. Siddharth Nagar (Uttar Pradesh)	Fazil
25.	Jamia Islamia Almahad Okhla, New Delhi or Jamia Islamia Sanabil, Abul Fazal Enclave - II, New Delhi	Fazil
26.	Darul Uloom Arabiyyah Islamia, post Kantharia, Bharuch (Gujarat)	Fazil
27.	Darul Uloom Rashidia, Nagpur, Maharashtra	Fazil
28.	Darul Uloom Alimia, Jamda Shahi, Distt. Basti, Uttar Pradesh	Fazilat

Or

(B) The Oriental qualification equivalent to Intermediate Examination (10+2) recognised by the State Government or State Education Board concerned.

**(ii) Admission through Pre-Tib Programme:** Admission may be made on maximum of ten per cent. seats per year out of the total number of intake capacity permitted for Kamile Tib o Jarahat (Bachelor of Unani Medicine and Surgery – B.U.M.S.) to main programme through Pre-Tib programme and rest of the seats may be filled up by following the eligibility criteria mentioned in clauses (a), (b) and (c) of sub-regulation (1) of regulation 4.

(e) No candidate shall be admitted to B.U.M.S. Degree programme unless he has attained the age of seventeen years on or before the 31<sup>st</sup> December of the year of his admission in the first year of the programme and not more than twenty-five years on the 31<sup>st</sup> December of the year of admission in the first year of the programme:

Provided that the upper age-limit may be relaxed by five years in the case of Scheduled Castes, Scheduled Tribes, Other Backward Classes and disabled candidates.

**(2) National Eligibility-cum-Entrance Test.-** (i) There shall be a uniform entrance examination for all medical institutions at the under-graduate level, namely, the National Eligibility-cum-Entrance Test (NEET) for admission to under-graduate programme in each academic year and shall be conducted by an authority designed by the National Commission for Indian System of Medicine.

Provided that the NEET shall not be applicable to Pre-Tib candidates as per the clause (i) of sub-section (1) under section 14 of National Commission for Indian System of Medicine Act, 2020 (14 of 2020).

- (ii) In order to consider for admission to under-graduate programme for an academic year, it shall be necessary for a candidate to obtain minimum of marks at 50<sup>th</sup> percentile in the National Eligibility-cum-Entrance Test for under-graduate programme held for the said academic year:

Provided that in respect of,-

- (iii) candidates belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Classes, the minimum marks shall be at 40<sup>th</sup> percentile;
- (iv) candidates with specified disabilities under the Rights of Persons with Disabilities Act, 2016 (49 of 2016), the minimum marks shall be 45<sup>th</sup> percentile in the case of General category and 40<sup>th</sup> percentile in the case of the Scheduled Castes, Scheduled Tribes and Other Backward Classes:

Provided further that where sufficient number of candidates in the respective category fail to secure minimum marks in the National Eligibility-cum-Entrance Test held for any academic year for admission to under-graduate programme, the National Commission for Indian System of Medicine in consultation with the Central Government may at its discretion lower the minimum marks required for admission to under-graduate programme for candidates belonging to respective category and marks so lowered by the Central Government shall be applicable for that academic year only.

- (3) An All-India common merit list as well as State-wise merit list of the eligible candidates shall be prepared on the basis of the marks obtained in the National Eligibility-cum-Entrance Test and the candidates, within the respective category shall be considered for admission to under-graduate programme from the said merit lists only.
- (4) The seat matrix for admission in the Government, Government-aided Institution and Private Institution shall be fifteen per cent. for the All-India Quota and eighty-five per cent. for the State and Union territory quota:

Provided that,-

- (v) the All-India Quota for the purpose of admission in all the deemed university both Government and private shall be hundred per cent.;
- (vi) the university and institute which are already having more than fifteen per cent. All-India Quota seats shall continue to maintain that quota;
- (vii) five per cent. of the annual sanctioned intake capacity in Government and Government-aided Institution shall be filled up by candidate with specified disability in accordance with the provisions of the Rights of Persons with Disabilities Act, 2016 (49 of 2016) and based on the merit list of National Eligibility -cum-Entrance Test.

Explanation.- For the purpose of this clause, the specified disability contained in the Schedule to the Rights of Persons with Disabilities Act, 2016 (49 of 2016) specified in **Appendix "A"** and the eligibility of candidate to pursue a programme in Indian Systems of Medicine with specified disability shall be in accordance with the guidelines specified in **Appendix "B"** and if the seats reserved for the persons with disabilities in a particular category remain unfilled on account of unavailability of candidates, the seats shall be included in the annual sanctioned seats for the respective category.

- (5) (i) The designated authority for counseling of State and Union territory quota for admissions to under-graduate programme in all Unani Educational Institutions in the States and Union territories including institutions established by the State Government, University, Trust, Society, Minority Institution, Corporation or Company shall be the respective State or Union Territory in accordance with the relevant rules and regulations of the concerned State or Union territory, as the case may be.
- (ii) The counseling for all admission to Bachelor of Unani Medicine and Surgery Programme for hundred per cent. seats of all Deemed Universities both Government and Private shall be conducted by the authority designated by the Central Government in this behalf.
- (6) The counselling for admission to Bachelor of Unani Medicine and Surgery Programme for seat under All-India Quota as well as for all Unani Educational Institutions established by the Central Government



shall be conducted by the authority designated by the Central Government in this behalf.

- (7) (i) All seats irrespective of category (Central quota, State quota or Management etc.) except foreign nationals are to be admitted through counseling (Central or State or Union Territory) only. Direct admission by any means other than above specified shall not be approved.
- (ii) The institution shall have to submit the list of students admitted in the format specified by National Commission of Indian System of Medicine on or before 6 pm on the cut-off date for admission specified by National Commission for Indian System of Medicine from time to time for verification.
- (iii) Universities shall approve the admission of those candidates (except foreign nationals) who have been allotted through counseling (Central or State or Union Territory) as the case may be.
- (8) No candidate who has failed to obtain the minimum eligibility marks under this regulation shall be admitted to under-graduate programme in the said academic year.
- (9) No authority or institution shall admit any candidate to the under-graduate programme in contravention of the criteria or procedure laid down in these regulations in respect of admission and any admission made in contravention of the said criteria or procedure shall be cancelled by the National Commission for Indian System of Medicine forthwith.
- (10) The authority or institution which grants admission to any student in contravention of the criteria or procedure laid down in these regulations shall be liable accordingly, under the relevant provisions of the Act.
- (11) For foreign national candidates any other equivalent qualification approved by the Central Government may be allowed and sub-regulation (2) of regulation 4 shall not be applicable.
- 5 Duration of B.U.M.S. programme.-** (i) Pre-Tib programme: The duration of Pre-Tib programme shall be one year.
- (ii) The duration of the B.U.M.S. programme shall be five years and six month as per the following table, namely:-

**Table – 2**  
**(Duration of B.U.M.S Programme)**

Sl. No.	B.U.M.S programme	Duration
(a)	First Professional B.U.M.S	Eighteen Months
(b)	Second Professional B.U.M.S	Eighteen Months
(c)	Third (Final) Professional B.U.M.S	Eighteen Months
(d)	Compulsory Rotatory Internship	Twelve Months

- 6 Degree to be awarded.-** The candidate shall be awarded Kamile Tib o Jarahat (Bachelor of Unani Medicine and Surgery – B.U.M.S.) Degree after passing all the examinations and completion of the laid down programme of study extending over the laid down period and the compulsory rotatory internship extending over twelve months and the nomenclature of Degree shall be **Kamile Tib o Jarahat (Bachelor of Unani Medicine and Surgery – B.U.M.S.)**.
- 7 Medium of instruction.-** The medium of instruction for the programme shall be Urdu or Hindi or any recognised regional language or English:
- Provided that, in case, if any institute is admitting student from different states or international students, the medium of instruction shall be English.
- 8 Pattern of study.-** (1) The B.U.M.S programme shall consist of **Main Programme** and **Electives** and the pattern of study shall be followed in the following manner, namely:-
- (A) (i) (a) After admission the student shall be inducted to the B.U.M.S programme through an Induction

Programme not less than fifteen working days based on the Transitional Curriculum which intends to introduce newly admitted student to Unani system of Medicine and to make him well aware of the B.U.M.S. programme he is going to study for next four and half years.

- (b) During the induction programme, the student of Unani shall learn basics of Urdu or Persian or Arabic for Unani, basic life support and first aid along with other subject as laid down in the syllabus.
- (c) There shall be fifteen days induction programme which shall be not less than ninety hours and every day may consist of six hours.
- (ii) Total working days for each professional session shall be not less than three hundred and twenty days.
- (iii) (a) Total working days for the First Professional session shall be not less than three hundred and five days except for fifteen days for the induction programme.
- (b) total teaching hours for First Professional session shall be not less than 1920, and proportion of teaching hours in Lecture to Non-lecture shall be 1:2.
- (iv) (a) Total teaching hours for Second Professional session shall be not less than 2240 and the proportion of teaching hours in Lectures to Non-lectures shall be 1:2.
- (b) During the Second Professional Session at least one hour of clinical classes per day during morning hours at Hospital Outpatient Department (OPD) or Inpatient Department (IPD) or Laboratory or Pharmacy or Dispensary shall be conducted to make the students have acquaintance with the related activities.
- (v) Total teaching hours for Third (Final) Professional session shall be not less than 2240 and during the Third (Final) Professional Session, three hours of clinical classes at Hospital during morning hours shall be conducted and the proportion of teaching hours in Lecture to Non-Lecture hours shall be 1:2.
- (vi) Working hours may be increased by the University or institution as per requirement to complete the stipulated period of teaching and requisite activities.

Explanation.- For the purposes of this regulation the expression “**Lectures**” means Didactic teaching i.e., classroom teaching and the expression “**Non-lectures**” includes Practical / Clinical and Demonstrative teaching and the Demonstrative teaching includes Small group teaching / Tutorials / Seminars / Symposiums / Assignments / Role play / Pharmacy training / Laboratory training / Dissection / Field visits / Skill lab training / Integrated learning / Problem based learning / Case based learning / Early clinical exposure / Evidence based learning etc. as per the requirement of the subject and in Non-lectures, the Clinical / Practical part shall be 70 per cent. and Demonstrative teaching shall be 30 per cent.

- (vii) There shall be minimum of one hour each for library and physical education per week and one hour of recreation (expression of talent and extra-curricular activities) per month has to be allotted in the regular time table of all batches.

(B) The First Professional session shall ordinarily start in the month of October and the following subjects shall be taught as per the syllabus laid down by the National Commission for Indian System of Medicine from time to time, namely:-

**Table – 3**

**(Subjects for First Professional B.U.M.S.)**

Sl. No.	Subject code	Subject	Equivalent Terms
1.	UNIUG-UAMF	Urdu, Arabic and Mantiq wa Falsafa	Urdu, Arabic, Logic and Philosophy

2.	UNIUG-KUT	Kulliyat Umoore Tabiya	Basic Principles of Unani Medicine
3.	UNIUG-TB	Tashreehul Badan	Human Anatomy
4.	UNIUG-MZ	Manafeul Aza	Human Physiology
5.	UNIUG-TT	Tareekhe Tib	History of Medicine
6.	Electives (Minimum three) Subjects		

(C) The Second Professional Session shall ordinarily start in the month of April after completion of First Professional examination and the following subjects shall be taught as per the syllabus laid down by the National Commission for Indian System of Medicine from time to time, namely:-

**Table – 4**

**(Subjects for Second Professional B.U.M.S.)**

Sl. No.	Subject code	Subject	Equivalent Terms
1.	UNIUG-IA	Ilmul Advia	Pharmacology
2.	UNIUG-ISM	Ilmul Saidla wa Murakkabat	Unani Pharmacy and Compound Drugs
3.	UNIUG-TST	Tahaffuzi wa Samaji Tib	Preventive and Social Medicine
4.	UNIUG-MA	Mahiyatul Amraz	Pathology
5.	UNIUG-TQS	Ilme Tibbe Qanoon wa Ilmul Samoom	Medical Jurisprudence and Toxicology
6.	UNIUG-SUI	Sareeriyat wa Usoole Ilaj	Bed side Clinic and Principles of Management
7.	Electives (Minimum three) Subjects		

(D) The Third (Final) Professional session shall ordinarily start in the month of October after completion of Second Professional examination and the following subjects shall be taught as per the syllabus laid down by the National Commission for Indian System of Medicine from time to time, namely:-

**Table – 5**

**(Subjects for Third (Final) Professional B.U.M.S.)**

Sl. No.	Subject code	Subject	Equivalent Terms
1.	UNIUG-MOA	Moalajat	Medicine
2.	UNIUG-QAN	Ilmul Qabalat wa Amraze Niswan	Obstetrics and Gynaecology
3.	UNIUG-IJ	Ilmul Jarahat	Surgery
4.	UNIUG-AUH	Amraze Ain, Uzn, Anf, Halaq wa Asnan	Ophthalmology, ENT and Dentistry
5.	UNIUG-AJT	Amraze jild wa Tazeeniyat	Dermatology and Cosmetology
6.	UNIUG-IBT	Ilaj bit Tadabeer	Regimenal Therapy
7.	UNIUG-AAN	Amraze Atfal wa Naumaulood	Paediatrics and Neonatology
8.	UNIUG-RMS	Research Methodology and Medical Statistics	
9.	Electives (Minimum three) Subjects		

(E) University; Institution and College shall prepare an Academic Calendar of that particular batch in accordance with the template of tentative Academic Calendar provided in these regulations in **Annexure - I** and the same shall be circulated to students and hosted in respective websites and followed accordingly.

(F) The B.U.M.S. programme shall consist of following Departments and subjects, namely:-

**Table – 6**  
**(Departments and Subjects)**

Sl. No.	Departments	Subjects
1.	Kulliyat	4. Urdu, Arabic and Mantiq wa Falsafa 5. Kulliyat Umoore Tabiya 6. Tareekhe Tib
2.	Tashreehul Badan	Tashreehul Badan
3.	Manafeul Aza	Manafeul Aza
4.	Ilmul Advia	Ilmul Advia
5.	Ilmul Saidla	Ilmul Saidla wa Murakkabat
6.	Mahiyatul Amraz	Mahiyatul Amraz
7.	Tahaffuzi wa Samaji Tib	4. Tahaffuzi wa Samaji Tib 5. Ilme Tibbe Qanoon wa Ilmul Samoom 6. Research methodology and medical statistics
8.	Moalajat	3. Moalajat 4. Sareeriyat wa Usoole Ilaj
9.	Qabalat wa Niswan	Ilmul Qabalat wa Amaraze Niswan
10.	Ilmul Atfal	Amraze Atfal wa Naumaulood
11.	Jarahat	Ilmul Jarahat
12.	Ain, Uzn, Anaf, Halaq wa Asnan	Amraze Ain, Uzn, Anaf, Halaq wa Asnan
13.	Amraze Jild wa Tazeeniyat	Amraze Jild wa Tazeeniyat
14.	Ilaj bit Tadabeer	Ilaj bit Tadabeer

(G) **Electives.**- (i) Electives are introduced in B.U.M.S curriculum to provide opportunity to student of Unani to get introduced, exposed and oriented to various allied subjects that are required to understand and build inter-disciplinary approach.

(ii) The electives shall be conducted as online programme.

(iii) Each elective subject shall be of forty-five hours duration and divided in five modules and each module shall have nine hours i.e., five hours of teaching, two hours of guided learning, one hour each for expert interaction/reflection and assessment and in total, each elective will have twenty-five hours of teaching, ten hours of guided learning, five hours of expert interaction/reflection and five hours of assessment (five assessments of one hour each).

Explanation.- For the purpose of this regulation, Teaching means video lectures, Power point presentations, audio lectures, video clippings, audio clippings, technical images, study material etc.

(iv) The study hours for electives are over and above the prescribed teaching hours of B.U.M.S. under

these regulations.

**(H) Clinical training.-** (i) Clinical training of the student shall start from the First Professional session onwards and subject related clinical training shall be provided in the attached hospital by the concerned faculty and department in non-lecture hours (in addition to regular practical and demonstrative teaching) as per the requirement of the subject as under-

(a) application of Unani fundamental principles and medical ethics in Inpatient Department (IPD) and Outpatient Department (OPD) patients, Unani diagnostic and prognostic methods, orientation on basic properties of drug and drug selection method, Unani way of case sheet writing, patient registration, communication with patients etc. by the Department of Kulliyat and Language faculty;

(b) clinical and applied physiology in clinical conditions, training in the assessment of vital signs including pulse rate, respiratory rate, body temperature, blood pressure, measurement of height and weight, calculation of Body Mass Index (BMI), reading Electrocardiography (ECG), hematological test procedures etc., application of Unani basic principles in Inpatient Department (IPD) or Outpatient Department (OPD) cases, case sheet writing in Unani aspect etc. by the Department of Manafeul Aza;

(c) applied anatomy in clinical conditions, application of posture for clinical examination, surface anatomy, abdomen quadrants and localization, location of blood vessels, examination of muscle movements and integrity, reading X-ray, Computerised Tomography (CT) and Magnetic Resonance Imaging (MRI) etc. by the Department of Tashreehul Badan; and

(d) laboratory oriented training in biochemical, microbiological investigations, laboratory reports of Inpatient Department (IPD) or Outpatient Department (OPD) cases- interpretations- and its clinical correlation etc. by biochemistry and microbiology faculty.

(ii) (a) Clinical training for the Second Professional session shall be conducted as per clause A (iv) of sub regulation (1) of regulation 8 and attendance shall be maintained by the concerned faculty and department.

(b) Clinical training for the Second professional session shall be provided in accordance with the requirement of subjects as under-

(A) diagnosis and assessment of prognosis through practicing different diagnostic methods (Unani) and fundamental principles in patients by practicing Nabz, Baul o Baraz, assessment of Mizaj (body temperament), laboratory investigations-interpretations-and its clinical correlation, training in screening OPD etc; by the Department of Mahiyatul Amraz;

(B) preventive medicines and measures, prescription of Ghiza or Parhez, therapeutic diet for In-Patient Department (IPD) and Out-Patient Department (OPD), culinary medicine, functional food, application of Asbabe Sittah Zarooriyah (six essential factors) in life style management, research perspectives of clinical cases, orientation and training in case sheet writing, diagnosis and treatment of OPD and IPD cases, adverse drug reactions and anti-dotes, hospital pharmacy training, medico-legal aspects, medical related certificates etc.by the Department of Tahaffuzi wa Samaji Tib;

(C) orientation in prescription patterns, medicine names, forms, dosage, badarqa (vehicles), Muavin Dawa (adjuvant drugs), Muddate Hayat (shelf life of drugs) method of mixing or compounding of medicines, procurement of fresh herbs for hospital use, preparation of simple medicines used in the hospital, teaching pharmacy training etc. by the Department of Ilmul Advia wa Ilmul Saidla; and

(D) Bedside Clinic and principles of management by the concerned subject teacher.

(iii) The Clinical training, during the third (Final) Professional session as mentioned under clause A (v) of sub regulation (1) of regulation 8 shall be on rotation basis in the following departments, namely:-

- (a) Moalajat (Medicine): In-Patient Department (IPD), Out-Patient Department (OPD) and specialty clinics functioning under the department if any;
- (b) Qabalat wa Niswan (Obstetrics and Gynaecology): In-Patient Department (IPD), Out-Patient Department (OPD), Labour room, Procedural room and specialty clinics functioning under the department if any;
- (c) Jarahat (Surgery): In-Patient Department (IPD), Out-Patient Department (OPD), Operation Theatre and specialty clinics functioning under the department if any;
- (d) Ain, Uzn, Anf, Halaq wa Asnan (Ophthalmology, ENT and Dentistry): In-Patient Department (IPD), Out-Patient Department (OPD) and specialty clinics functioning under the department if any ;
- (e) Amraze Jild wa Tazeeniyat (Dermatology and Cosmetology): In-Patient Department (IPD), Out-Patient Department (OPD) and specialty clinics functioning under the department if any;
- (f) Ilaj bit Tadabeer (Regimenal therapy): In-Patient Department (IPD), Out-Patient Department (OPD) and specialty clinics functioning under the department if any;
- (g) Ilmul Atfal (Paediatrics): In-Patient Department (IPD), Out-Patient Department (OPD) and specialty clinics functioning under the department if any; and
- (h) Isabat (Emergency Medicine or Causality) under Department of Moalajat.

**9 Methodology for supplementing modern advances, scientific and technological development in Indian System Of Medicine (SMASTD-ISM).-**

- (1) To accomplish the requirement under subsection (h) of section 2 of National Commission for Indian System of Medicine Act 2020 regarding, supplementation of modern advances, scientific and technological developments in Indian System of Medicine (SMASTD-ISM), all the fourteen departments as mentioned in clause (F) of sub-regulation (1) of regulation 8, shall be treated as fourteen verticals in addition there shall be two more verticals one each for education and research and each vertical shall be supplemented, enriched and updated with relevant and appropriate advances and developments in the area of diagnostic tools, conceptual advancements and emerging area as under-
- (i) Innovations or advances or new developments in Basic Sciences like Biology, Chemistry, Physics, Mathematics, Microbiology, Biochemistry, Anatomy, Physiology, Medicinal Botany and Pharmacognacy, Bioinformatics, Molecular Biology, Immunology etc.;
  - (ii) Diagnostic advancements;
  - (iii) Therapeutic technology;
  - (iv) Surgical technique or technology;
  - (v) Pharmaceutical technology including Quality and Standardisation of drugs, drug development etc.;
  - (vi) Teaching, Training methods and Technology;
  - (vii) Research methods, Parameters, Equipment and Scales etc.;
  - (viii) Technological advancements, Automation, Software, Artificial Intelligence, Digitalisation, Documentation etc.;
  - (ix) Biomedical advancements;
  - (x) Medical Equipment;
  - (xi) any other innovations, advances, technologies and developments that are useful for understanding, validating, teaching, investigations, diagnosis, treatment, prognosis, documentation, standardisation and conduction of research in Unani.

- (2) There shall be multidisciplinary core committee constituted by National Commission for Indian System of Medicine for the purpose of supplementation of modern advances, scientific and technological developments in Indian System of Medicine, that identify the advances and developments that are suitable and appropriate to include in any one or multiple verticals.
- (3) There shall be an expert committee for each vertical constituted by Board of Unani, Siddha and Sowa Rigpa to define and suggest the method of adaptation and incorporation of the said advances and developments and also specify the inclusion of the same at under-graduate or post-graduate level and the expert committee shall develop detailed methodology for usage, standard operating procedure and interpretation as required.
- (4) Any teaching staff, practitioner, researchers, students and innovators etc. may send their suggestions through a portal specified by National Commission for Indian System of Medicine regarding supplementation of modern advances, scientific and technological developments in Indian System of Medicine and such suggestions shall be placed before core committee for consideration.
- (5) The modern advances shall be incorporated with due interpretation of the said advances based on the principles of Unani supported by the studies and after five years of inclusion of such advances in syllabus, they shall be considered as part of Unani and will be defined and described in Unani terminology.
- (6) Once core committee approves the recommendations of the expert committee, National Commission for Indian System of Medicine shall direct the Board of Unani, Siddha and Sowa Rigpa to include the same in curriculum of under-graduate or post-graduate as specified by expert committee and the commission shall issue guidelines or if required conduct orientation of teachers for incorporation of the recommended modern advancement or scientific and technological development.
- (7) The proportion of modern advances with that of Unani teaching contents shall not exceed 40 percent.
- (8) **Composition of the Committees for SMASTD-ISM.**- There shall be a Core Committee and an Expert Committee for each vertical and the composition of such committees shall be as under-

(a) **Composition of SMASTD-ISM Core Committee (Unani).**-

The SMASTD-ISM shall be eleven-member committee comprises of, -

- (i) President, Board of Unani, Siddha and Sowa Rigpa – Chairperson;
- (ii) two experts from Unani (1 expert from Kulliyat – basic principles of Unani Medicine) – members;
- (iii) one expert (either retired or in service) each from CSIR, CCRUM, ICMR, DBT, Technocrat, Biomedical Engineering – member;
- (iv) one Educational Technologist – member;
- (v) member of Board of Unani, Siddha and Sowa Rigpa – Member Secretary.

Provided that the core committee can co-opt any expert as per the specific needs with the due permission of the Chairman, National Commission for Indian System of Medicine.

Terms of Reference - (i) The term of the committee shall be three years from the date of its constitution.

- (ii) The committee shall meet at least twice in a year.
- (iii) The committee shall identify any modern advances, scientific and technological developments as listed above that are relevant and applicable to Unani either to,-
  - (A) understand, validate, or for conduction of research activities in Unani;
  - (B) useful for diagnosis or prognostication of a specific clinical condition and treatment;
  - (C) useful for teaching and training;

(D) useful for health care services through Unani.

- (iv) The committee shall ensure the applicability of the identified modern advancement or scientific and technological development to basic principles of Unani with the help of two experts from Unani.
- (v) To identify and recommend suitable experts for the Expert Committee to develop methodology for identification of modern advance or development.
- (vi) To suggest the application of the advances or developments in terms its usage in specific vertical or to incorporate in under-graduate or post-graduate syllabus etc. as the case may be.
- (vii) As the modern science and technology is ever changing, the core committee shall identify the outdated part of the modern science and technology and suggest National Commission for Indian System of Medicine to replace it with the appropriate modern advances.

**(b) Composition of Expert Committee (Unani).-**

The Expert Committee shall be constituted by Board of Unani, Siddha and Sowa Rigpa; comprise of five members as under-

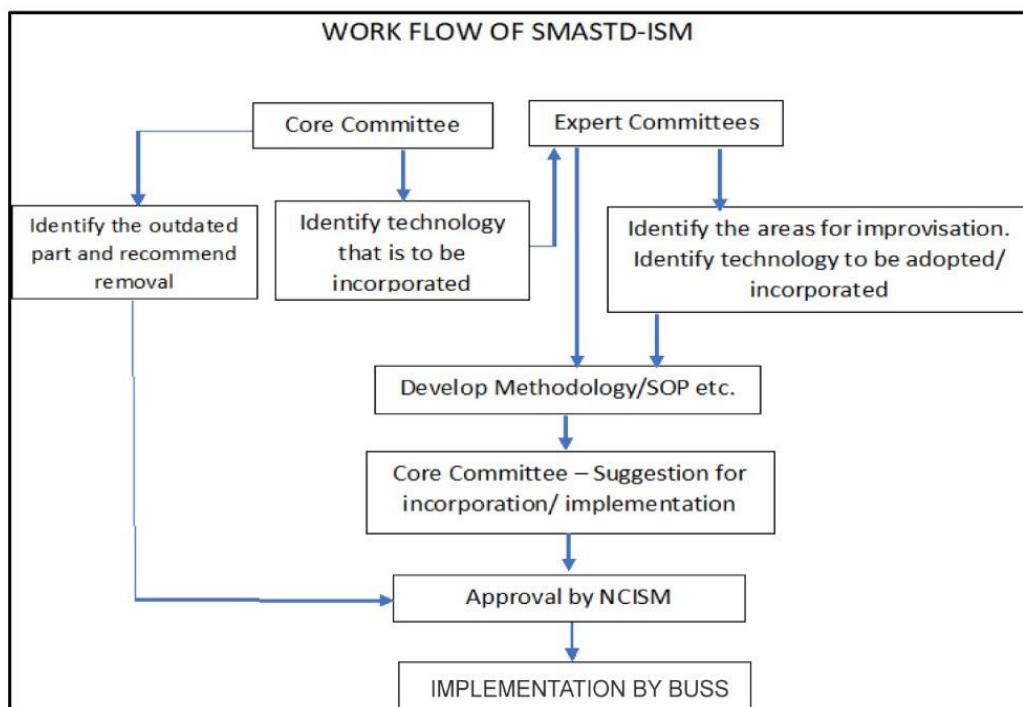
- (i) Subject Expert as decided by Board of Unani, Siddha and Sowa Rigpa – Chairperson;
- (ii) two experts from relevant Unani subjects – members;
- (iii) one expert from relevant modern subject – member;
- (iv) one expert from teaching technology – member.

Provided that the Expert Committee can co-opt concerned expert in accordance to the selected area with the permission of President, Board of Unani, Siddha and Sowa Rigpa.

Terms of Reference.- (i) The term of the committee shall be three years from the date of its constitution.

- (ii) The committee shall meet as many times as per the direction of the President Board of Unani, Siddha and Sowa Rigpa (BUSS).
- (iii) The committee shall work on the suggestion from the core committee and decide how to incorporate it in the syllabus, its mode of teaching (i.e., lecture/non-lecture) and the assessment with the help of educational technologist.
- (iv) The committee shall first understand the application of modern advances that are identified to incorporate and its relevance to the basic principles of Unani.
- (v) The committee shall also identify the need of advance technology in Unani particular to that vertical and identify the suitable technology and recommends its usage along with standard operating procedure or methodology.
- (vi) The committee shall suggest core committee regarding the modern advances and technology to be included at under-graduate or post-graduate level.
- (vii) The work flow of the SMASTD-ISM shall be as under -.





- 10 Examination.-** (a) (i) The First Professional examination shall ordinarily be held and completed by the end of First Professional session;
- (ii) the student who failed in one or two subjects of First Professional shall be allowed to keep terms of the Second Professional session and to appear in Second Professional examination;
- (iii) the student who failed in more than two subjects shall not be allowed to keep term in Second Professional session and the subsequent supplementary examinations of First Professional shall be held at every six months.
- (b) (i) The Second Professional examination shall ordinarily be held and completed by the end of Second Professional session;
- (ii) the student who failed in one or two subjects of Second Professional shall be allowed to keep the terms of the Third (Final) Professional session;
- (iii) the student who fail in more than two subjects shall not be allowed to keep terms in Third (Final) Professional session and the subsequent supplementary examinations of Second Professional shall be held every six months.
- (c) (i) The Third (Final) Professional examination shall ordinarily be held and completed by the end of Third (Final) Professional session;
- (ii) before appearing for Third (Final) Professional examination, the students shall have to pass all subjects of First and Second Professional and shall qualify nine electives;
- (iii) the subsequent supplementary examination of Third (Final) Professional shall be held every six months.
- (d) There shall be no separate class for odd batch student (those students who could not keep the term) and the student have to attend the class along with regular batch or with junior batch as applicable.
- (e) To become eligible for joining the Compulsory Rotatory Internship programme, all three professional examinations shall be passed and qualified in nine electives within a period of maximum ten years from the date of admission.
- (f) The theory examination shall have twenty per cent. marks for Multiple-Choice Questions (MCQ),

forty per cent. marks for Short Answer Questions (SAQ) and forty per cent. marks for Long Explanatory Answer Questions (LAQ) and these questions shall cover the entire syllabus of the subject.

- (g) The minimum marks required for passing the examination shall be fifty per cent. in theory component and fifty per cent. in practical component (that include practical and clinical, viva-voce, internal assessment and electives wherever applicable) separately in each subject.
- (h) **Evaluation of electives.-** Electives shall be evaluated in terms of attendance and assessment and on the basis of evaluation, the student shall be awarded credits as well as grades as under-
- (i) one credit shall be awarded for attending minimum five hours of a modular programme and a student can earn maximum five credits for each elective;
- (ii) assessment shall be conducted at the end of each module and average of five modular assessments shall be considered for grading i.e., up to 25 per cent. Bronze; 26-50 per cent. Silver; 51-75 per cent. Gold; 76 per cent. and above Platinum.
- (iii) The structure of elective shall be as per the following table, namely:-

**Table - 7**

**(Structure of Elective)**

Each Elective: Five Modules of Nine Hours Each (5*9=45)					
Sl.No	Component	Duration (Hours)		Credits	Grades
		Module	Elective		
1	Teaching	5	25	One Credit for attending minimum of five hours of each modular programme. Maximum five credits	Grade is awarded on the basis of average of all five modular assessments. Bronze: <25 per cent. Silver: 26-50 per cent. Gold: 51-75 per cent. Platinum: 76 per cent. & above.
2	Guided Learning	2	10		
3	Expert Interaction/ Reflection	1	5		
4	Assessment	1	5		

- (iv) (a) Student shall have to qualify (obtaining any grade) minimum of three elective subjects for each professional session.
- (b) List of elective subjects shall be made available under three sets (A, B and C) for each professional session i.e., sets FA, FB and FC for first professional B.U.M.S; sets SA, SB and SC for second professional B.U.M.S; sets TA, TB and TC for third professional B.U.M.S.
- (c) Student may opt any one elective as per their choice from each set specified for respective professional B.U.M.S.
- (d) Weightage of two marks for each credit and maximum of ten marks shall be awarded for each elective.
- (e) These elective marks shall be added to the viva-voce marks of respective subjects as specified in these regulations.
- (f) Apart from three mandatory electives for each profession, students have freedom to choose and qualify as many numbers of additional electives as per their interest.
- (g) Marks weightage shall be only for three electives per professional session i.e., one elective subject from each set of respective professional session.
- (h) A separate online certificate shall be generated for each elective mentioning credits earned and grades obtained.

- (v) The examination branch of the institution shall compile the marks of electives obtained by students as specified above and submit to university through Head of the Institution so that the university shall add the same in viva-voce of respective subjects as shown in **Tables 12, 14 and 16.**
- (i) (i) A candidate obtaining sixty-five per cent. and above marks shall be awarded first class in the subject and seventy-five per cent. and above marks shall be awarded distinction in the subject.  
(ii) The award of class and distinction shall not be applicable for supplementary examinations.
- (j) (i) Each student shall be required to maintain minimum seventy-five per cent. attendance in each subject in theory (i.e., lecture hours), practical and clinical (i.e., non-lecture hours) separately for appearing in examination.  
(ii) Where the institute maintains physical attendance register, it shall be recorded in cumulative numbering method as per **Annexure-II** and at end of the course/term/part of the course, after obtaining each student signature the same is to be certified by respective Head of the Department and approved by Head of the Institute.  
(iii) The approved attendance shall be forwarded to university.
- (k) If a student fails to appear in regular examination for cognitive reasons, he may appear in supplementary examination as regular student and his non-appearance in regular examination shall not be treated as an attempt.
- (l) Notwithstanding anything contained in these regulations,-  
(i) clause 10(e) shall be applicable to the student who got admitted under Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulations, 1986, except electives and as per section 4 of SCHEDULE III (as amended vide notification no. 11-76/2016-Unani (U.G Regl.) Regulations, 2016) with 4 professionals.  
(ii) student who got admitted under Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulations, 1986, the maximum number of chances and maximum period of years to pass respective professional examination as laid down under the clauses 7(1)(c), 2(c),3(c), 4(c) and 4(d) of SCHEDULE III (as amended vide notification no. 11-76/2016-Unani (U.G Regl.) Regulations, 2016) shall not be applicable to him.

**11 Assessment.-** Assessment of students shall be in the form of Formative and Summative Assessments as under-

- (b) **Formative Assessment.-** Students shall be assessed periodically to assess their performance in the class, determine the understanding of programme material and their learning outcome in the following manner, namely:-  
(i) Periodical Assessment shall be carried out at the end of teaching of a topic or module or a particular portion of syllabus and the evaluation methods as per the following table may be adopted as suits to the content, namely:-

**Table – 8**

**(Evaluation methods for periodical assessment)**

Sl. No.	Evaluation Method
1.	Practical or Clinical Performance
2.	Viva Voce or Multiple-Choice Question (MCQ) or Modified Essay Question (MEQ) or Structured Questions
3.	Open Book Test (Problem Based)
4.	Summary Writing (Research papers)

5.	Class Presentations
6.	Work Book Maintenance
7.	Problem Based Assignment
8.	Objective Structured Clinical Examination (OSCE), Objective Structured Practical Examination (OSPE), Mini Clinical Evaluation exercise (Mini-CEX) Direct Observation Procedures (DOP), Case Based Discussion (CBD)
9.	Extra-curricular activities (Social Work, Public Awareness, Surveillance Activities, Sports or other activities which may be decided by the department).
10.	Small Project;

(v) (a) Internal evaluation shall be conducted by the College or Institute at the end of six months (First Term Test) for thirty per cent. of the syllabus and at twelve months (Second Term Test) for forty per cent. new part of the syllabus.

(b) The remaining thirty per cent. of syllabus shall be completed in the last six months (Third Term) before university examination;

(iii) there shall be minimum three periodical assessments for each subject before First Term Test (ordinarily at 6<sup>th</sup> month of respective professional B.U.M.S) minimum of three periodical assessment before Second Term Test (ordinarily at 12<sup>th</sup> month of respective professional B.U.M.S) and minimum of three periodical assessments before final university examinations (Summative Assessment) of respective professional B.U.M.S.

(iv) the scheme and calculation of assessment shall be as per the following tables, namely:-

**Table -9**

**[Scheme of Assessment (Formative and Summative)]**

Sl.No.	Professional session	Duration of Professional Session		
		First Term (1-6 Months)	Second Term (7-12 Months)	Third Term (13-18 Months)
1	First Professional B.U.M.S	3 PA and First TT	3 PA and Second TT	3 PA and UE
2	Second Professional B.U.M.S	3 PA and First TT	3 PA and Second TT	3 PA and UE
3	Third (Final) Professional B.U.M.S	3 PA and First TT	3 PA and Second TT	3 PA and UE

PA: Periodical Assessment; TT: Term Test; UE: University Examination

**Table - 10**

**[Calculation method of Internal Assessment Marks (20 marks)]**

Term	Periodical Assessment				Term Test	Term Assessment	
	A	B	C	D	E	F	G
	1 (20)	2 (20)	3 (20)	Average (A+B+C/3) (20)	Theory (MCQ + SAQ + LAQ) & Practical (Converted to 20)	Sub Total	Term Assessment
First						D+E	D+E/2
Second						D+E	D+E/2

Third					Nil	D	D
<b>Final IA</b>	<b>Final Internal Assessment: Average of three Term Assessment marks as shown in 'G' column</b>						

- (b) **Summative assessment.**- (i) Final university examinations conducted at the end of each Professionals B.U.M.S shall be Summative Assessment.
- (ii) There shall be double valuation system and shall be no provision for revaluation.
- (iii) There shall be two examiners (one internal and one external) for university practical /clinical/ viva-voce examinations
- (iv) While declaring the results of Summative assessment, Internal Assessment component and Elective marks shall be considered as per the distribution of marks pattern provided in *Tables 12, 14 and 16*.

**12 The Profession wise Subjects, Number of Papers, Teaching hours and Marks distribution shall be as per the following tables, namely:-**

**Table – 11**  
**(Teaching hours for First Professional B.U.M.S Subjects)**

<b>First Professional B.U.M.S.</b>					
<i>Working days = 320, Teaching hours = 1920</i>					
<i>Induction programme = 15 Working days (90 hours)</i>					
<i>Remaining days and Teaching hours = 320 – 15 = 305 Days and 1830 Hours respectively</i>					
Sl. No.	Subject code	Name of Subject	Number of teaching hours		
			Lectures	Non-Lectures	Total
6.	UNIUG-UAMF	Urdu, Arabic and Mantiq wa Falsafa (Urdu, Arabic, Logic and Philosophy) Paper I – Urdu and Arabic Paper II –Mantiq wa Falsafa	90	180	270
7.	UNIUG-KUT	Kulliyat Umoore Tabiya (Basic Principles of Unani Medicine)	70	140	210
8.	UNIUG-TB	Tashreehul Badan (Human Anatomy) Paper I and Paper II	200	400	600
9.	UNIUG-MZ	Manafeul Aza (Human Physiology) Paper I and Paper II	200	400	600
10.	UNIUG-TT	Tareekhe Tib (History of medicine)	50	100	150
<b>Total</b>			<b>610</b>	<b>1220</b>	<b>1830</b>

Table - 12

(Number of Papers and Marks Distribution for First Professional B.U.M.S Subjects)

Sl. No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand Total
				Practical or clinical	Viva	Electives	IA	Total	
6.	Urdu, Arabic and Mantiq wa Falsafa (Urdu, Arabic, Logic and Philosophy) Paper I – Urdu and Arabic Paper II –Mantiq wa Falsafa	2	200	-	30	-	20	50	250
7.	Kulliyat Umoore Tabiya (Basic Principles of Unani Medicine)	1	100	100	20	10 (Set-FA)*	20	150	250
8.	Tashreehul Badan (Anatomy) Paper I and Paper II	2	200	100	20	10 (Set-FB)*	20	150	350
9.	Manafeul -Aza (Physiology) Paper I and Paper II	2	200	100	20	10 (Set-FC)*	20	150	350
10.	Tareekhe Tib (History of medicine)	1	100	-	30	-	20	50	150
<b>Grand Total</b>									<b>1350</b>

[\*Set:-FA, FB, FC – Sets of Electives for First Professional B.U.M.S]

Table – 13

(Teaching hours for Second Professional B.U.M.S Subjects)

Second Professional B.U.M.S.					
<i>Working days = 320, Teaching hours = 2240 including 320 clinical hours</i>					
Sl. No.	Subject code	Name of Subject	Number of teaching hours		
			Lectures	Non-Lectures	Total
8.	UNIUG-IA	Ilmul Advia (Pharmacology) Paper (I) Kulliyate Advia wa Advia jadeeda (Fundamentals of Unani Medicine and Modern Pharmacology) Paper (II)-Advia Mufradat (Single Drugs)	120	200	320

9.	UNIUG-ISM	Ilmul Saidla wa Murakkabat (Unani Pharmacy and Compound Drugs) Paper (I)- Ilmul Saidla (Unani Pharmacy) Paper (II)- Advia Murakkabat(Compound Drugs)	120	200	320
10.	UNIUG-TST	Tahaffuzi wa Samaji Tib (Preventive and Social Medicine)	120	180	300
11.	UNIUG-MA	Mahiyatul Amraz (Pathology) Paper (I)- Mahiyatul Amraz Umoomi wa Ilmul Jaraseem (General Pathology and Microbiology) Paper (II)- Mahiyatul Amraz Nizami (Systemic Pathology)	160	260	420
12.	UNIUG-TQS	Ilme Tibbe Qanoon wa Ilmul Samoom (Medical Jurisprudence and Toxicology)	100	180	280
13.	UNIUG-SUI	Sareeriyat wa Usoole Ilaj (Bed Side Clinic and Principles of Management)	100	180	280
14.	Clinical hours at Hospital or Laboratory or Pharmacy or dispensary etc., (1 hour per day)		-----	320	320
<b>Total</b>			<b>720</b>	<b>1520</b>	<b>2240</b>

(Note: Clinical hours to be added to non-lecture hours of concerned subject while calculating attendance)

**Table -14**

**(Number of Papers and Marks distribution for Second Professional B.U.M.S Subjects)**

Sl. No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand total
				Practical or clinical	Viva	Electives	IA	Total	
7.	Ilmul Advia (Pharmacology) Paper (I) Kulliyate Advia wa Advia jadeeda (Fundamentals of Unani Medicine and Modern Pharmacology) Paper (II)-Advia Mufradat (Single Drugs)	2	200	100	30	-	20	150	350
8.	Ilmul Saidla wa Murakkabat (Unani Pharmacy and Compound Drugs)	2	200	100	30	-	20	150	350

	Paper (I)- Ilmul Saidla (Unani Pharmacy) Paper (II)- Advia Murakkabat (Compound Drugs)								
9.	Tahaffuzi wa Samaji Tib (Preventive and Social Medicine)	1	100	100	20	10 (Set-SA)*	20	150	250
10.	Mahiyatul Amraz (Pathology) Paper (I)- Mahiyatul Amraz Umoomi wa Ilmul Jaraseem (General Pathology and Microbiology) Paper (II)- Mahiyatul Amraz Nizami (Systemic Pathology)	2	200	100	30	-	20	150	350
11.	Ilme Tibbe Qanoon wa Ilmul Samoom (Medical Jurisprudence and Toxicology)	1	100	100	20	10 (Set-SB)*	20	150	250
12.	Sareeriyat wa Usoole Ilaj (Bed Side Clinic and Principles of Management)	1	100	100	20	10 (Set-SC)*	20	150	250
<b>Grand Total</b>									<b>1800</b>

[\*Set:-SA, SB, SC – Sets of Electives for Second Professional B.U.M.S]

Table – 15

(Teaching hours for Third (Final) Professional B.U.M.S Subjects)

<b>Third Professional B.U.M.S.</b>					
<i>Working days = 320, Teaching hours = 2240 including 960 clinical hours</i>					
Sl.No.	Subject code	Name of Subject	Number of teaching hours		
			Lectures	Non-Lectures	Total
10.	UNIUG-MOA	Moalajat Paper –(I), Paper –(II) and Paper –(III)	160	320	480
11.	UNIUG-QAN	Ilmul Qabalat wa Amraze Niswan (Obstetrics and Gynaecology) Paper (I) and Paper (II)	100	170	270



12.	UNIUG-IJ	Ilmul Jarahat (Surgery) Paper (I) and Paper (II)	150	300	450
13.	UNIUG-AUH	Ain, Uzn, Anf, Halaq wa Asnan (Ophthalmology, ENT and Dentistry)	70	140	210
14.	UNIUG-AJT	Amraze Jild wa Tazeeniyat (Dermatology and Cosmetology)	70	140	210
15.	UNIUG-IBT	Ilaj bit Tadabeer (Regimenal Therapy)	70	140	210
16.	UNIUG-AAN	Amraze Atfal wa Naumaulood (Paediatrics and Neonatology)	70	140	210
17.	UNIUG-RMS	Research Methodology and Medical Statistics	50	90	140
18.	Emergency Medicine or Casualty			60	60
<b>Total</b>			<b>740</b>	<b>1500</b>	<b>2240</b>

Table – 16

(Number of Papers and Marks Distribution for Third (Final) Professional B.U.M.S Subjects)

S. No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand Total
				Practical or clinical	Viva	Electives	IA	Total	
9.	Moalajat Paper –(I), Paper –(II) and Paper –(III)	3	300	100	30	-	20	150	450
10.	Ilmul Qabalat wa Amraze Niswan (Obstetrics and Gynaecology) Paper (I) - Obstetrics and Paper (II) - Gynaecology	2	200	100	30	-	20	150	350
11.	Ilmul Jarahat (Surgery) Paper (I) and Paper (II)	2	200	100	30	-	20	150	350
12.	Ain, Uzn, Anf, Halaq wa Asnan (Ophthalmology, ENT and Dentistry)	1	100	100	20	10 (Set- TA)*	20	150	250
13.	Amraze Jild wa Tazeeniyat (Dermatology and Cosmetology)	1	100	100	20	10 (Set-	20	150	250

						TB)*			
14.	Ilaj bit Tadabeer (Regimenal Therapy)	1	100	100	20	10 (Set- TC)*	20	150	250
15.	Amraze Atfal wa Naumaulood (Paediatrics and Neonatology)	1	100	100	30	-	20	150	250
16.	Research Methodology and Medical Statistics	1	100	-	30	-	20	50	150
<b>Grand Total</b>									<b>2300</b>

[\*Set:-TA, TB, TC – Sets of Electives for Third (Final) Professional B.U.M.S]

### 13 Migration of students during the study.-

- (3) The students may be allowed to take the migration to continue their study to another college after passing the First Professional examination, but failed student's transfer and mid-term migration shall not be allowed.
- (4) For migration, the student shall have to obtain the mutual consent of both colleges and universities and it shall be against the vacant seat.

### 14 Compulsory Rotatory Internship.- (a) (i) The duration of Compulsory Rotatory Internship including Internship Orientation Programme shall be one year and ordinarily commence on **first working day of April for regular batch students and first working day of October for supplementary batch students.**

- (ii) The student shall be eligible to join the Compulsory Internship programme after passing all the subjects from First to Third (Final) Professional Examination including nine electives and after getting Provisional Degree Certificate from respective universities and Provisional Registration Certificate from respective State Board or Council for Compulsory Rotatory Internship.
- (b) Stipend: During internship, to the interns belonging to Central Government, State Government and Union territory institution, the stipend shall be paid at par with other medical system under respective government and there shall not be any discrepancy between medical system.
- (c) Migration during Internship.- (i) Migration of internship shall be with the consent of both the colleges and university, in the case where the migration is in between the colleges of two different universities;
  - (ii) If migration is only between colleges of the same university, the consent of both the colleges shall be required;
  - (iii) migration shall be accepted by the university on the production of the character certificate issued by the institute or college and the application forwarded by the college and university with a 'No Objection Certificate' as the case may be.
- (d) Orientation programme.- (i) The interns shall mandatorily attend an orientation programme regarding internship and it shall be the responsibility of the teaching institution to conduct the orientation before the commencement of the Internship.
  - (ii) The orientation shall be conducted with an intention to make the intern to acquire the requisite knowledge about the rules and regulations of the Medical Practice and Profession, Medical Ethics, Medico-Legal Aspects, Medical Records, Medical Insurance, Medical Certification, Communication Skills, Conduct and Etiquette, National and State Health Care Programme.

- (iii) The orientation workshop shall be organised at the beginning of internship and an e-log book shall be maintained by each intern, in which the intern shall enter date-wise details of activities undertaken by him during orientation.
- (iv) The period of orientation shall be of seven days.
- (v) The manual for conducting the orientation as prescribed from time to time by the National Commission for Indian System of Medicine shall be followed.
- (e) Activities during the Internship.- (i) The daily working hours of an intern shall be not less than eight hours; the intern shall maintain an e-log book containing all the activities undertaken by him during internship.
- (ii) Normally one-year internship shall be as under-
- (A) Option I.- Divided into clinical training of six months in the Unani hospital attached to the college and six months in Primary Health Centre (PHC) or Community Health Centre (CHC) or Rural Hospitals or District Hospital or Civil Hospital or any Government Hospital of Modern Medicine or Unani Medicine or Unani dispensary or Clinical unit of Central Council for Research in Unani Medicine or National Institute of Unani Medicine or National Accreditation Board for Hospitals (NABH) accredited private hospital of Unani. Only Out-Patient Department (OPD) based clinics having NABH accreditation shall not be eligible for internship.
- (B) Option II.- All twelve months in Unani Hospital attached to the college.
- (iii) The clinical training of six or twelve months, as case may be, in the Unani Hospital attached to the college or in Non-Teaching Hospitals laid down by the National Commission for Indian System of Medicine shall be conducted as per the following table, namely:-

**Table – 17****(Distribution of Internship duration at Unani teaching hospital, attached to the college)**

Sl. No.	Departments	Option I	Option II
1.	Moalajat including Amraze Jild wa Tazeeniyat and Isabat (Casualty) (OPD and related specialities, respective IPD)	Forty-five days	Three months
2.	Ilaj bit Tadabeer (OPD and related specialities, respective IPD)	One month	Two months
3.	Jarahat (OPD and related specialities, respective IPD, OT)	One month	Two months
4.	Ain, Uzn, Anf, Halaq wa Asnan (OPD and related specialities, respective IPD, OT)	Fifteen days	One month
5.	Qabalat wa Niswan (OPD and related specialities, respective IPD, Labour room)	One month	Two months
6.	Ilmul Atfal (OPD and related specialities, respective IPD)	Fifteen days	One month
7.	Tahaffuzi wa Samaji Tib (OPD and related specialities, respective IPD)	Fifteen days	One month
8.	PHC, CHC, District Hospital etc. as mentioned in Option I under the clause (ii), sub-regulation (e) of regulation 14	Six months	-----

- (iv) (a) The interns shall also be posted in any of the following centers where, the National Health Programme are being implemented and these postings shall be to get oriented and acquaint the knowledge of implementation of National Health Programme in regard to,-

(A) Primary Health Centre;

- (B) Community Health Centre or Civil Hospital or District Hospital;
- (C) any recognised or approved Hospital of modern medicine;
- (D) any recognised or approved Unani Hospital or Dispensary;
- (E) in a clinical unit of Central Council for Research in Unani Medicine or National Institute of Unani Medicine;
- (b) all the above institutes mentioned in clauses (A) to (E) shall have to be recognised by the concerned university or concerned Government designated authority for taking such a training.
- (v) The intern shall undertake the following activities with special attention to Matab-wa-Nuskha-Navesi (wherever applicable) in respective departments in the hospital attached to the college, namely:-
- (A) **Moalajat (Medicine).**- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely:-
- (i) all routine works such as case taking, physical examination, investigations, diagnosis and management of diseases confined to general medicine;
  - (ii) line of treatment of diseases;
  - (iii) examination of Nabz, Baul-o-Baraz by Unani methods, routine clinical pathological work as haemoglobin estimation, complete haemogram, urine Analysis, microscopic examination of blood Smears, sputum examination, stool examination, interpretation of laboratory data and clinical findings etc; all hematological, biochemical, pathological, radiological investigations, imaging studies and all advanced modern investigations useful for diagnosis and assessment of prognosis;
  - (iv) Unani diagnostic methods: examination of Nabz, Baul-o-Baraz;
  - (v) training in routine ward procedures and supervision of patients in respect of their diet, habits and verification of medicine schedule;
  - (vi) Amraze Jild-wa Tazeeniyat: diagnosis and management of various skin disease, use of modern techniques and equipment in skin and cosmetology etc.; and
  - (vii) maintaining clinical records.
- (B) **Ilaj bit Tadabeer (Regimenal Therapy).**- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely:-
- (i) all routine works such as case taking, investigations, diagnosis and management of diseases confined to Ilaj bit Tadabeer;
  - (ii) procedures and techniques of various regimenal therapies like hijama (cupping), fasd (venesection), taleeq (leech application), dalak (massage), riyazat (exercise), etc;
  - (iii) management of neuromusculoskeletal disorder with various regimenal therapies;
  - (iv) application of the various regimenal therapies for preventive and therapeutic purposes; and
  - (v) maintaining clinical records.
- (C) **Jarahat (Surgery)** - The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely : -
- (i) all routine works such as case taking, investigations, diagnosis and management, common surgical disorders to Unani principles; under Jarahat.
  - (ii) management of certain surgical emergencies such as fractures and dislocations, acute abdomen;
  - (iii) practical training of aseptic and antiseptics techniques and sterilisation including surgical

instruments.

- (iv) intern shall be involved in pre-operative and post-operative managements;
  - (v) practical use of local anesthetic and use of anesthetic drugs;
  - (vi) radiological procedures, clinical interpretation of X-ray, intravenous pyelogram, barium meal X-ray, sonography and electrocardiogram and all imaging studies including CT scan, MRI and PET-CT.
  - (vii) surgical procedures and routine ward techniques such as: -
    - (a) suturing of fresh injuries;
    - (b) dressing of wounds, burns, ulcers and similar ailments;
    - (c) incision and drainage of abscesses;
    - (d) excision of cysts;
    - (e) venesection; and
    - (f) examination with proctoscope.
  - (viii) training in IV fluid infusion blood bank and transfusion procedures.
  - (ix) maintaining clinical records.
- (D) **Ain, Uzn, Anf, Halaq wa Asnan (Ophthalmology, ENT and Dentistry).**- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely:-
- (i) all routine works such as case taking, investigations, diagnosis and management common surgical disorders according to Unani principles;
  - (ii) intern shall be involved in pre-operative and post-operative managements;
  - (iii) surgical procedures of ear, nose, throat, dental problems, ophthalmic problems;
  - (iv) examinations of eye, ear, throat disorders, reflective error with the supportive instruments in out-patient department;
  - (v) minor surgical procedures in Uzn, Anf, Halaq like syringing and antrum wash, packing of nose in epistaxis, removal of foreign bodies from Uzn, Anf and Halaq at out-patient department level; and
  - (vi) maintaining clinical records.
- (E) **Qabalat wa Niswan (Obstetrics and Gynaecology).**- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely:-
- (i) all routine works such as case taking, investigation, diagnosis and management of gynecological and obstetrical disorders;
  - (ii) ante-natal and post-natal care by Unani principles and medicine;
  - (iii) ante-natal and post-natal problems and their remedies;
  - (iv) practical training on handling instruments like speculum, dilator etc. and sterilisation;
  - (v) management of normal and abnormal labours;
  - (vi) minor and major obstetric surgical procedures;
  - (vii) screening of common carcinomatous conditions in women;
  - (viii) training on ultrasonogram, necessary investigation and interpretation;
  - (ix) examination of breast, vaginal smear etc.; and

- (x) maintaining clinical records.
- (F) **Ilmul Atfal (Paediatrics).**- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely:-
- (i) all routine works such as case taking, investigations, diagnosis and management according to Unani principles;
  - (ii) care of new born child along with immunization programme;
  - (iii) important pediatric problem and their management in Unani system of medicine;
  - (iv) training on ultrasonogram, necessary investigations and interpretations; and
  - (v) maintaining clinical records.
- (G) **Tahaffuzi wa Samaji Tib (Preventive and Social Medicine).**- The intern shall be practically trained to acquaint with and to make him competent to deal with the programme of prevention and control of locally prevalent endemic diseases including nutritional disorders, immunization, management of infectious diseases, family welfare planning programme, Ilaj-bil-ghiza (dietotherapy) and geriatric care.
- (H) **Isabat (Emergency Medicine or casualty)** (shall be functioning under the Moalajat Department).- The intern shall be practically trained to acquaint with and to make him competent to deal with all emergency conditions and participate actively in the casualty section of the hospital in identification of casualty and trauma cases and their first aid treatment and also procedure for referring such cases to the identified hospitals, and the emergency Out-Patient Department (OPD).
- (vi) The intern shall complete online course on public health as laid down by National Commission for Indian System of Medicine (NCISM), in addition to their regular duties.
- (vii) The Internship training in Primary Health Centre or Community Health Centre or Rural Hospital or District Hospital or Civil Hospital or any Government Hospital of Modern Medicine or Unani Hospital or Dispensary.-

During the six months internship training in Primary Health Centre or Community Health Centre or Rural Hospital or Civil Hospital or District Hospital or any recognised or approved Hospital of Modern medicine or Unani Hospital or Dispensary in a clinical unit of the Central Council for Research in Unani or National Institute of Unani Medicine, the intern shall.-

- (A) get acquainted with routine of the primary health centre and maintenance of their records;
- (B) get acquainted with the diseases more prevalent in rural and remote areas and their management;
- (C) involve in teaching of health care methods to rural population and also various immunization programme;
- (D) get acquainted with the routine working of the medical or non-medical staff of Primary Health Centre or other hospitals and be always in contact with the staff in this period;
- (E) get familiarised with the work of maintaining the relevant register like daily patient register, family planning register, surgical register etc., and take active participation in different Government health schemes and programme;
- (F) participate actively in different National Health Programme implemented by the State Government; and
- (G) get trained in diagnosis, Unani treatment, external treatment procedures and Unani special treatment methods, Unani specialty Out-Patient departments (OPD), and research.

- (viii) **Electronic Logbook.**- (a) It shall be compulsory for an intern to maintain the record of procedures done or assisted or observed by him on a day-to-day basis in a specified e-logbook and the intern shall maintain a record of work, which is to be verified and certified by the Medical Officer or Head of the Department or Unit under whom he works.
- (b) Failure to produce a e-logbook, complete in all respects duly certified by the concerned authority to the Dean or Principal or Director at the end of Internship Training Programme, may result in cancellation of his performance in any or all disciplines of Internship Training Programme.
- (c) The Institution shall retain soft copy of completed and certified e-Logbook and is to be made available for verification.
- (ix) **Evaluation of Internship.**- (A) The evaluation system shall assess the skills of a candidate while performing the minimum number of procedures as enlisted with an objective that successful learning of these procedures will enable the candidate to conduct the same in his actual practice.
- (B) The evaluation shall be carried out by respective Head of Department at the end of each posting and the report shall be submitted to Head of the institute in Form-1 under *Annexure-III*.
- (C) On completion of one year of compulsory rotatory internship including online course on Public Health, the Head of the Institute evaluate all the assessment reports in the prescribed Form-1 under *Annexure-III*, provided by various Head of the Department at the end of respective posting and if found satisfactory, the intern shall be issued Internship Completion Certificate in Form-2 under *Annexure-IV* within seven working days.
- (D) If a candidate's performance is declared as unsatisfactory upon obtaining below fifteen marks as per Form-1 under *Annexure-III* or less than fifty per cent. of marks, in an assessment in any of the departments he shall be required to repeat the posting in the respective department for a period of thirty per cent. of the total number of days, laid down for that department in Internship Training and Posting.
- (E) A candidate shall have the right to register his grievance in any aspects of conduct of evaluation or award of marks, separately to the concerned Head of the Department and Head of the Institution, within three days from the date of completion of his evaluation, and on receipt of such grievance, the Head of the Institution in consultation with the Head of the concerned department shall redress and dispose of the grievance in an amicable manner within seven working days.
- (x) **Leave for interns.**- (A) During compulsory rotatory internship of one year, twelve leaves are permitted and any kind of absence beyond twelve days shall be extended accordingly.
- (B) Intern cannot take more than six days including prefix or suffix of any kind of holidays leave at a time.
- (xi) **Completion of Internship.**- If any delay in the commencement of internship or abnormal break during internship due to unavoidable conditions, in such cases internship period shall be completed within maximum period of three years from the date of passing the qualifying examination of Third (Final) Professional B.U.M.S including First and Second Professional Examinations and nine electives, specified as eligibility for internship;
- Provided that in such cases, the student shall get prior permission from the head of the institution in written with all supporting documents and it shall be the responsibility of the head of the institution to scrutiny the documents, and assess the genuine nature of the request before issuing permission letter. While joining internship, the student shall submit the request letter along with supporting documents, and all necessary documents as mentioned in the sub-regulation (a) and undergo the internship orientation programme as mentioned in the sub-regulation (d).

**15 Tuition fee.**- The tuition fee as laid down and fixed by respective governing or fee fixation committees as

applicable shall be charged for four and half years only and no tuition fee shall be charged for extended duration of study in case of failing in examinations or by any other reasons and there shall not be any fee for internship doing in the same institute.

**16 Qualifications and experience for teaching staff.- (a) Essential qualification.-** (i) a Bachelor Degree in Unani from a University or its equivalent as recognised by the Central Council of Indian Medicine or National Commission for Indian System of Medicine under the Act; and

(ii) a Post-graduate qualification in Unani in the concerned subject or specialty from a university recognised by the Central Council of Indian Medicine or National Commission for Indian System of Medicine under the Act;

(iii) a valid registration with the concerned State Board or Council where he is employed or a valid Central or National Registration Certificate issued by the Central Council of Indian Medicine or National Commission for Indian System of Medicine.

“This is not applicable for teachers of non-medical qualifications.”

(iv) for Urdu/Arabic teacher (regular), the candidate should be a post-graduate in Arabic or equivalent qualification from a recognised university and a candidate with Bachelor of Unani Medicine and Surgery qualification at under-graduate level and post-graduate degree in Arabic shall be given priority.

(v) Qualification for the subjects of Anatomy, Physiology, Biochemistry, Microbiology, Public Health, Pharmacology.- the teachers having Bachelor degree in Unani and Post-graduate degree (regular) from a recognised university in the subject concerned and having University Grants Commission/Council of Scientific and Industrial Research/Indian Council of Medical Research National Eligibility Test (whichever applicable) may also be appointed without qualifying National Teachers Eligibility Test; and

(vi) The teachers having Bachelor Degree in Unani and Post-graduate in the relevant modern science disciplines as referred to clause (h) of section 2 of Act and as mentioned in regulation 9 of these regulations and having University Grants Commission/Council of Scientific and Industrial Research/Indian Council of Medical Research National Eligibility Test qualification shall be eligible to appoint without qualifying the National Teachers Eligibility Test.

(vii) Teacher with the following qualifications obtained from a recognised university or institution may be appointed in respective departments as per following table, namely:-

**Table 18**

**(Qualifications and Departments for Appointment)**

Sl.No.	Qualification	Department
1	B.U.M.S and MSc Anatomy	Tashreehul Badan
2	B.U.M.S and MSc Physiology	Manafeul Aza
3	B.U.M.S and MSc Biochemistry	Manafeul Aza
4	B.U.M.S and MSc Microbiology	Mahiyatul Amraz
5	B.U.M.S and MSc Pharmacology or Medical Pharmacology	Ilmul Advia
6	B.U.M.S and MPH	Tahaffuzi wa Samaji Tib

Teachers with above qualifications shall not be more than one in specified departments.

**(b) Experience.- (i) For the Post of Professor.-**

(A) ten years of teaching experience as regular teacher in the concerned subject or five years



teaching experience as Associate Professor or Reader on regular basis teacher in the concerned subject; or

- (B) ten years research experience as fulltime researcher (after possessing Post-graduate qualification in the concerned subject) in Research Councils of Central Government or State Government or Union territory or University or National Institution or National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited Research Laboratory or ten years of experience in regular service (after possessing Post-graduate qualification in the concerned subject) in Central Government Health Services or State Government Health Services, Ministry of Ayush or ten years of experience (after possessing Post-graduate qualification in the concerned subject) as Assistant Registrar or Registrar in Central Council of Indian Medicine having qualified National Teachers Eligibility Test from the date it is operational and with any one of the following three criteria, namely:- (i) minimum of five research articles published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus); or

(ii) minimum of three research articles published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus) and 01 Published book or Manual relevant to Unani; or

(vi) investigator for any major research project; (duration of the project three years and above as per the sanctioned letter); and

(vii) having post-graduate qualification in concerned subject except in the subjects or specialty of Imul Jarahat, Amraze Ain, Uzn, Anf, Halaq wa Asnan and Ilmul Qabalat wa Amraze Niswan;

Provided that the in-service candidate shall have completed his post-graduation in concerned subject before the completion of forty-five years of his age.

**(ii) For the Post of Associate Professor.-**

- (A) five years of teaching experience as regular teacher in the concerned subject; or

- (B) five years of research experience as fulltime researcher (after possessing Post-graduate qualification in the concerned subject) in Research Councils of Central Government or State Government or Union territory or University or National Institutions or National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited Research Laboratories or five years of experience in regular service (after possessing Post-graduate qualification in the concerned subject) in Central Government Health Services or State Government Health services, Ministry of Ayush or five years of experience (after possessing Post-graduate qualification in the concerned subject) as Assistant Registrar or Registrar in Central Council of Indian Medicine having qualified National Teachers Eligibility Test from the date it is operational and with any one of the following three criteria, namely:- (i) minimum of three research articles published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus); or

(ii) minimum of one research article published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus) and 01 Published book or Manual relevant to Unani; or

(iii) investigator for any major research project (duration of the project three years and above as per the sanctioned letter) or minor research project (duration of the project less than three years as per the sanctioned letter); and

(iv) having post-graduate qualification in concerned subject except in the subjects or specialty of Imul Jarahat, Amraze Ain, Uzn, Anf, Halaq wa Asnan and Ilmul Qabalat wa Amraze Niswan;

Provided that the in-service candidate shall have completed his post-graduation in

concerned subject before the completion of forty-five years of his age.

**(iii) For the post of Assistant Professor.-** No teaching experience shall be required, but the age shall not exceed forty-five years at the time of first appointment

(iv) Qualification for teacher of Research Methodology and Medical Statistics shall be a post-graduate degree in Medical Statistics or Biostatistics or Epidemiology or other relevant discipline of Research Methodology or Medical Statistics:

Provided that, the post-graduates of Unani, who have studied Research Methodology or Medical Statistics as one of the subjects in their post-graduation or the post-graduates of Unani, who have successfully completed the online course in Research Methodology or Medical Statistics conducted by the National Institute of Epidemiology of Indian Council of Medical Research shall also be eligible to teach the subject of Research Methodology and Medical Statistics and shall be given preference at the time of appointment and the teacher of Research Methodology and Medical Statistics can be appointed on part time basis and shall work under the Department of Tahaffuzi wa Samaji Tib and such part time teachers shall not be provided teacher's code.

(v) Qualification for Yoga instructor (full time) shall be minimum a graduate degree in Yoga and shall work under the Department of Tahaffuzi wa Samaji Tib. Post-graduate in Tahaffuzi wa Samaji Tib or the candidate with under-graduation in Unani and post-graduation in Yoga shall also be eligible for the same. There shall not be teacher's code for the post of instructor.

(vi) Qualification of teachers for Pre-Tib programme.- For subjects of Basic Sciences.- Master of Science (M.Sc) in the respective subject with minimum percentage of 55.

(vii) Teachers appointed with such qualification as mentioned in clauses (iv), (v), (vi), (vii) of sub-regulation (a) under regulation 16 shall be eligible for the post of Associate Professor after seven years of teaching experience and twelve years of teaching experience for the post of Professor and such teachers shall not be eligible for the post of Head of the Department as well as Head of the Institution.

(viii) The research experience of Doctor of Philosophy (Ph.D).- The actual research duration i.e., the date of joining to the date of submission of thesis and not more than three years shall be considered as teaching experience and Ph.D seat allotment letter, Proof of joining to full-time Ph.D programme and proof of submission of thesis to the university shall be considered as evidence in this regard.

(ix) Temporary appointment or temporary promotion of teacher shall not be considered for eligibility.

(x) In case of deputation of Medical Officer as teacher, it shall be with qualifications, designations and experience as specified in these regulations and the deputation shall not be less than three years and any emergency withdrawal shall be after proper replacement or alternate arrangement.

(xi) Provision of allied subject.- In absence of the candidate of Post-graduate qualification in the subject concerned as mentioned in column (2) of the Table below, the candidate of Post-graduate qualification in the allied subjects as mentioned in column (3) of the said **Table-19**, shall be considered eligible for the post of Assistant Professor.

**Table-19**

**(Provision of allied subject)**

Sl.No.	Subject	Allied subjects
11.	Tashreehul Badan (Human Anatomy)	Ilmul Jarahat or Kulliyate Tib (Surgery or Basic Principle of Unani Medicine)
12.	Manafeul Aza (Human Physiology)	Kulliyate Tib (Basic Principle of Unani Medicine)
13.	Ilmul Saidla (Unani Pharmacy)	Ilmul Advia (Pharmacology)

14.	Ilme Tibbe Qanoon wa Ilmul Samoom (Medical Jurisprudence and Toxicology)	Tahafuzzi wa Samaji Tib or Moalajat or Ilmul advia (Preventive and Social Medicine or Medicine or Pharmacology)
15.	Sareeriyat wa Usoole Ilaj (Bed Side Clinic and principles of Management)	Moalajat (Medicine)
16.	Mahiyatul Amraz (Pathology)	Moalajat or Kulliyate Tib (Medicine, Basic Principle of Unani Medicine)
17.	Ilaj bit Tadabeer (Regimenal Therapy)	Moalajat or Tahaffuzi wa Samaji Tib (Medicine or Preventive and Social Medicine)
18.	Amraze Jild wa Tazeeniyat (Dermatology and Cosmetology)	Moalajat (Medicine)
19.	Amraze Ain, Uzn, Anf, Halaq wa Asnan (Ophthalmology, ENT and Dentistry)	Ilmul Jarahat or Moalajat (Surgery or Medicine)
20.	Ilmul Atfal (Paediatrics)	Moalajat or Ilmul Qabalat wa Amraze Niswan (Medicine or Obstetrics and Gynecology)

\* The provision of allied subjects may be allowed for five years from the date of commencement of these regulations.

(c) **Qualification and experience for Post of Head of the Institution.**- The qualification and experience for the post of Head of the Institution (Principal or Dean or Director) shall be the same qualification and experience as specified for the post of Professor with minimum three years of administrative experience (Vice Principal or Head of the Department or Deputy Medical Superintendent or Medical Superintendent etc.)

(d) **Salary.**- (a) For the teachers of Government or Government aided institution or Government deemed University.- The Salary and all allowances including Non Practicing Allowance as applicable shall be paid to the teachers at par with the norms laid down by the Central Government or University Grants Commission or the State Government or Union territory as the case may be and there shall not be any discrepancy of salary structure between medical systems.

(b) For the teacher of self-financing college including Central Private deemed University or State Private deemed University.- (i) the minimum basic pay shall be as per the following table, namely:-

**Table-20**  
(Minimum Monthly Salary)

Sl.No.	Post	Pay scale
1.	Assistant Professor	Pay Level-10, Pay Matrix Rs. 56,100-1,77,500 (as per 7 <sup>th</sup> CPC)
2.	Associate Professor	Pay Level-12, Pay Matrix Rs. 78,800-2,09,200 (as per 7 <sup>th</sup> CPC)
3.	Professor	Pay Level-13, Pay Matrix Rs. 1,23,100-2,15,900 (as per 7 <sup>th</sup> CPC)
4.	Head of the Institution	Pay Level-13A, Pay Matrix Rs. 1,31,100-2,16,600 (as per 7 <sup>th</sup> CPC)

(ii) (a) This shall be the minimum prescribed salary and shall not be restrictive for higher salary structure.

(b) Monthly salary shall be paid along with applicable allowances as per respective employer's policy and annual increment with respect to the year of experience to the concerned cadre or post.

(c) The institute which is already paying higher salary structure shall continue with the same.

- (d) Corresponding pay structure as applicable shall be adopted as and when Central Pay Commission (CPC) revises pay scales.
- (c) The Salary shall be credited to the salary account through bank transfer and necessary facilities to the teacher such as, Provident Fund or Employees' State Insurance, etc. shall be provided by the college and Income Tax deduction certificate such as form 16 shall be issued by the college to the teacher as per the norms.
- (d) The college shall issue appointment/promotion order in which the details such as salary, notice period for resignation, minimum attendance to be maintained by the teacher shall be clearly mentioned.
- (e) **Age of superannuation of teacher.-** The age of superannuation of teachers shall be as per the order of the Central Government or State Government or Union territory, and the retired teachers, fulfilling the eligibility norms of teachers may be re-employed up to the age of sixty-five years as full-time teacher.
- (f) **Unique teacher's code.-** (i) A unique teacher's code for all eligible teachers, shall be allotted by the National Commission for Indian System of Medicine after their appointment in the college through an Online Teachers Management System on application within seven working days from the date of joining and the Promotion or Relieving or Transfer of Department of all such teachers shall be facilitated and monitored through the Online Teachers Management System (OTMS).  
(ii) Institute and Teacher shall update profile in the OTMS from time to time with respect to promotion, department transfer, relieving etc.
- (g) The Commission shall have the power to withdraw the teacher's code on ethical and disciplinary grounds.
- (h) The commission shall have the power to withdraw or withheld the unique teacher's code if the teacher discontinues the teaching profession or not joined any institution for any reason and he may rejoin the teaching profession with the same teacher's code after completing the procedure as specified by National Commission for Indian System of Medicine from time to time.
- (i) **Attendance of teacher.-** The teacher shall abide by the guidelines and mandates as laid down by the National Commission for Indian System of Medicine from time to time and shall have at least seventy-five per cent. of attendance during the working days of every calendar year.
- (j) **Development and Training of Faculty Member.-** Once in every three years teachers shall undergo Medical Education Technology (MET) or Quality Improvement Programme (QIP) conducted by NCISM or designated authority.
- 17 Appointment of examiner in Unani.-** No person other than regular or retired teacher with minimum five years of teaching experience in the concerned subject shall be considered eligible for examinership and the maximum age-limit of examiner shall be sixty-five years.

### Appendix "A"

[See regulation 4 (4)]

SCHEDULE relating to "SPECIFIED DISABILITY" referred to in clause (zc) of section 2 of the Rights of Persons with Disabilities Act, 2016(49 of 2016), provides as under:-

#### 1. Physical disability.—

(A) Locomotor disability (a person's inability to execute distinctive activities associated with movement of self and objects resulting from affliction of musculoskeletal or nervous system or both), including—

(a) "leprosy cured person" means a person who has been cured of leprosy but is suffering from—

(i) loss of sensation in hands or feet as well as loss of sensation and paresis in the eye and eye-lid but with no manifest deformity;

(ii) manifest deformity and paresis but having sufficient mobility in their hands and feet to enable them to engage in

normal economic activity;

(iii) extreme physical deformity as well as advanced age which prevents him/her from undertaking any gainful occupation, and the expression "leprosy cured" shall construed accordingly;

(b) "cerebral palsy" means a Group of non-progressive neurological condition affecting body movements and muscle coordination, caused by damage to one or more specific areas of the brain, usually occurring before, during or shortly after birth;

(c) "dwarfism" means a medical or genetic condition resulting in an adult height of 4feet 10 inches (147 centimeters) or less;

(d) "muscular dystrophy" means a group of hereditary genetic muscle disease that weakens the muscles that move the human body and persons with multiple dystrophy have incorrect and missing information in their genes, which prevents them from making the proteins they need for healthy muscles. It is characterized by progressive skeletal muscle weakness, defects in muscle proteins, and the death of muscle cells and tissue;

(e) "acid attack victims" means a person disfigured due to violent assaults by throwing acid or similar corrosive substance.

(B) Visual impairment—

(a) "blindness" means a condition where a person has any of the following conditions, after best correction—

(i) total absence of sight; or

(ii) visual acuity less than 3/60 or less than 10/200 (Snellen) in the better eye with best possible correction; or

(iii) limitation of the field of vision subtending an angle of less than 10 degree.

(b) "low-vision" means a condition where a person has any of the following conditions, namely:—

(i) visual acuity not exceeding 6/18 or less than 20/60 upto 3/60 or upto 10/200(Snellen) in the better eye with best possible corrections; or

(ii) limitation of the field of vision subtending an angle of less than 40 degree up to 10 degree.

(C) Hearing impairment -

(a) "deaf" means persons having 70 DB hearing loss in speech frequencies in both ears;

(b) "hard of hearing" means person having 60 DB to 70 DB hearing loss in speech frequencies in both ears;

(D) "speech and language disability" means a permanent disability arising out of conditions such as laryngectomy or aphasia affecting one or more components of speech and language due to organic or neurological causes.

2. Intellectual disability, a condition characterized by significant limitations both in intellectual functioning (reasoning, learning, problem solving) and in adaptive behavior which covers a range of every day, social and practical skills, including—

(a) "specific learning disabilities" means a heterogeneous group of conditions wherein there is a deficit in processing language, spoken or written, that may manifest itself as a difficulty to comprehend, speak, read, write, spell, or to do mathematical calculations and includes such conditions as perceptual disabilities, dyslexia, dysgraphia, dyscalculia, dyspraxia and developmental aphasia;

(b) "autism spectrum disorder" means a neuro-developmental condition typically appearing in the first three years of life that significantly affects a person's ability to communicate, understand relationships and relate to others, and is frequently associated with unusual or stereotypical rituals or behaviours.

3. Mental behaviour,— "mental illness" means a substantial disorder of thinking, mood, perception, orientation or memory that grossly impairs judgment, behaviour, capacity to recognize reality or ability to meet the ordinary demands of life, but does not include retardation which is a condition of arrested or incomplete development of mind of a person, specially characterized by sub normality of intelligence.

4. Disability caused due to—

(a) chronic neurological conditions, such as—

(i) "multiple sclerosis" means an inflammatory, nervous system disease in which the myelin sheaths around the axons of nerve cells of the brain and spinal cord are damaged, leading to demyelination and affecting the ability of nerve cells in the brain and spinal cord to communicate with each other;

(ii) "parkinson's disease" means a progressive disease of the nervous system marked by tremor, muscular rigidity, and slow, imprecise movement, chiefly affecting middle-aged and elderly people associated with degeneration of the basal ganglia of the brain and a deficiency of the neurotransmitter dopamine.

(b) Blood disorder—

(i) "haemophilia" means an inheritable disease, usually affecting only male but transmitted by women to their male children, characterised by loss or impairment of the normal clotting ability of blood so that a minor would may result in fatal bleeding;

(ii) "thalassemia" means a group of inherited disorders characterized by reduced or absent amounts of haemoglobin.

(iii) "sickle cell disease" means a hemolytic disorder characterized by chronic anemia, painful events, and various complications due to associated tissue and organ damage;"hemolytic" refers to the destruction of the cell membrane of red blood cells resulting in the release of hemoglobin.

5. Multiple Disabilities (more than one of the above specified disabilities) including deaf blindness which means a condition in which a person may have a combination of hearing and visual impairments causing severe communication, developmental, and educational problems.

6. Any other category as may be notified by the Central Government from time to time.

### Appendix "B"

[See regulation 4 (4)]

#### Guidelines regarding admission of students, with "Specific Disabilities" under the Rights of Persons with Disabilities Act, 2016 (49 of 2016), in B.U.M.S.

1. The "Certificate of Disability" shall be issued in accordance with the Rights of Persons with Disabilities Rules, 2017, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), vide number G.S.R. 591 (E), dated the 15<sup>th</sup> June, 2017.
2. The extent of "specified disability" in a person shall be assessed in accordance with the "guidelines for the purpose of assessing the extent of specified disability in a person included under the Rights of Persons with Disabilities Act, 2016 (49 of 2016)", published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), vide number S.O. 76 (E), dated the 4<sup>th</sup> January, 2018.
3. The minimum degree of disability should be 40% (Benchmark Disability) in order to be eligible for availing reservation for persons with specified disability.
4. The term 'Persons with Disabilities' (PwD) is to be used instead of the term 'Physically Handicapped' (PH)

**Table**

Sl. No.	Disability category	Type of Disabilities	Specified Disability	Disability Range		
				(1)	(2)	(3)
				Eligible for B.U.M.S.. Programme, Not Eligible	Eligible for B.U.M.S.. Programme, Eligible for PwD Quota	Not Eligible for B.U.M.S. Programme



			than 60%.				
		(D) Speech & language disability§	Organic/ neurological causes	Less than 40% Disability	-	Equal to or more than 40% Disability	
		<p>§ It is proposed that for admission to B.U.M.S. programme the Speech Intelligibility Affected (SIA) score shall not exceed 3 (Which will correspond to less than 40%) to be eligible to pursue the B.U.M.S. programme. The individuals beyond this score will not be eligible for admission to the B.U.M.S. programme.</p> <p>Persons with an Aphasia Quotient (AQ) upto 40% may be eligible to pursue B.U.M.S. programme but beyond that they will neither be eligible to pursue the B.U.M.S. programme nor will they have any reservation.</p>					
2.	Intellectual disability		(a) Specific learning disabilities (Perceptual disabilities, Dyslexia, Dyscalculia, Dyspraxia & Developmental aphasia)#	# Currently there is no Quantification scale available to assess the severity of SpLD, therefore the cut-off of 40% is arbitrary and more evidence is needed.	Less than 40% Disability	Equal to or more than 40% disability But selection will be based on the learning competency evaluated with the help of the remediation/ assisted technology/ aids/ infrastructural changes by the Expert Panel	More than 80% or severe nature or significant cognitive/ intellectual disability
			(b) Autism spectrum disorders	Absence or Mild Disability, Asperger syndrome (disability of 40-60% as per ISAA) where the individual is deemed fit for B.U.M.S. programme by an expert panel	Currently not recommended due to lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment.	Equal to or more than 60% disability or presence of cognitive/intellectual disability and/or if the person is deemed unfit for pursuing B.U.M.S.. programme by an expert panel	
3.	Mental behaviour		Mental illness	Absence or mild	Currently not recommended due to	Equal to or more than 40% disability or if the	



				Disability: less than 40% (under IDEAS)	lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment.	person is deemed unfit to perform his/her duties. Standards may be drafted for the definition of “fitness to practice medicine”, as are used by several institutions of countries other than India.
4.	Disability caused due to	(a)Chronic Neurological Conditions	(i) Multiple Sclerosis	Less than 40% Disability	40-80% disability	More than 80%
			(ii) Parkinsonism			
	(b)Blood Disorders	(i) Haemophilia	Less than 40% Disability	40-80% disability	More than 80%	
		(ii) Thalassemia				
(iii) Sickle cell disease						
5.	Multiple disabilities including deaf blindness	More than one of the above specified disabilities	<p>Must consider all above while deciding in individual cases recommendations with respect to presence any of the above, namely, Visual, Hearing, Speech &amp; Language disability, Intellectual Disability, and Mental Illness as a component of Multiple Disability.</p> <p>Combining Formula as notified by the related Gazette Notification issued by the Govt. of India <u>a + b (90-a)</u></p> <p style="text-align: center;">90</p> <p>(where a= higher value of disability % and b=lower value of disability % as calculated for different disabilities)</p> <p>is recommended for computing the disability arising when more than one disabling condition is present in a given individual. This formula may be used in cases with multiple disabilities, and recommendations regarding admission and/or reservation made as per the specific disabilities present in a given individual</p>			

**Note:** For selection under PwD category, candidates will be required to produce Disability Certificate before their scheduled date of counseling from one of the disability assessment boards as designated by the concerned Authority of Government of India.

## Annexure I

**A. TENTATIVE TEMPLATE OF ACADEMIC CALENDAR  
FIRST PROFESSIONAL B.U.M.S (18 MONTHS)**

Sl. No.	DATE/PERIOD	ACADEMIC ACTIVITY
1.	First Working Day of October	Course Commencement
2.	15 working Days	Induction Programme & Transitional Curriculum
3.	Fourth Week of March	First Internal Assessment
4.	Three weeks in May	Summer Vacation
5.	Fourth Week of September	Second Internal Assessment
6.	First and Second week of February	Preparatory holidays
7.	Third week of February onwards	University Examination
8.	<i>First Working Day of April</i>	<i>Commencement of Second Prof. B.U.M.S</i>
<b>NOTE.-</b>	<p>(3) Universities/Institutions/Colleges shall specify dates and year while preparing academic calendar of that particular batch of students. The same is to be informed to students, displayed in respective websites and followed.</p> <p>(4) Institutions/Colleges established in Extreme Weather Conditions may adjust the vacation as required by maintaining the stipulated hours of teaching. However, the structure of academic calendar shall not be altered.</p>	

**B. TENTATIVE TEMPLATE OF ACADEMIC CALENDAR  
SECOND PROFESSIONAL B.U.M.S (18 MONTHS)**

Sl.No.	DATE/PERIOD	ACADEMIC ACTIVITY
1.	First Working Day of April	Course Commencement
2.	Fourth Week of September	First Internal Assessment
3.	Fourth Week of March	Second Internal Assessment
4.	Three weeks in May	Summer Vacation
5.	First and Second week of August	Preparatory holidays
6.	Third week of August onwards	University Examination
7.	<i>First Working Day of October</i>	<i>Commencement of Third Prof. B.U.M.S</i>
<b>NOTE.-</b>	<p>(3) Universities/Institutions/Colleges shall specify dates and year while preparing academic calendar of that particular batch of students. The same is to be informed to students, displayed in respective websites and followed.</p> <p>(4) Institutions/Colleges established in Extreme Weather Conditions may adjust the vacation as required by maintaining the stipulated hours of teaching. However, the structure of academic calendar shall not be altered.</p>	

**C. TENTATIVE TEMPLATE OF ACADEMIC CALENDAR  
THIRD PROFESSIONAL B.U.M.S (18 MONTHS)**

Sl. No.	DATE/PERIOD	ACADEMIC ACTIVITY
1.	First Working Day of October	Course Commencement
2.	Fourth Week of March	First Internal Assessment
3.	Three weeks in May	Summer Vacation
4.	Fourth Week of September	Second Internal Assessment
5.	First and Second week of February	Preparatory holidays
6.	Third week of February onwards	University Examination
7.	<i>First Working Day of April</i>	<i>Commencement of Internship</i>
<b>NOTE.-</b>	<p>(3) Universities/Institutions/Colleges shall specify dates and year while preparing academic calendar of that particular batch of students. The same is to be informed to students, displayed in respective websites and followed.</p> <p>(4) Institutions/Colleges established in Extreme Weather Conditions may adjust the vacation as required by maintaining the stipulated hours of teaching. However, the structure of academic calendar shall not be altered.</p>	

**ANNEXURE II**

**GUIDELINES FOR ATTENDANCE MAINTENANCE  
(THEORY/PRACTICAL/CLINICAL/NON-LECTURE HOURS)**

Institutes/Colleges offering education in various courses in Indian System of Medicine are recommended to maintain online attendance system. However, in case physical registers are being maintained for recording attendance of various teaching/training activities, the following guidelines are to be followed:

- (1) Attendance is to be marked in cumulative numbering fashion as under-
  - (a) In case presence is to be marked as 1, 2, 3, 4, 5, 6.....so on;
  - (b) In case of absence, it must be marked as 'A';
  - (c) Example: P P P P A P P AA P P P.... may be marked as (1, 2, 3, 4, A, 5, 6, A, A, 7, 8, 9...).
- (2) Avoid strictly marking 'P' for presence.
- (3) Separate register for Theory and practical/clinical/non-lecture activities are to be maintained.
- (4) At the end of term or course or part of syllabus or month the last number to be taken as total attendance.
- (5) The total attendance after students' signature to be certified by respective HOD followed by approval by Principal.
- (6) In case of multiple terms, at the end of professional session all term attendance is to be summarised and percentage is to be calculated separately for **theory** and **practical/clinicals** including all non-lecture hours.

**FORM 1**

[See regulation 14(e)(ix)(B,C,D)]

**(NAME OF THE COLLEGE AND ADDRESS)****KAMILE TIB O JARAHAT****(BACHELOR OF UNANI MEDICINE AND SURGERY-B.U.M.S) PROGRAMME**

DEPARTMENT OF \_\_\_\_\_

**CERTIFICATE OF ATTENDANCE AND ASSESSMENT OF INTERNSHIP (Register No.)****Name of the Intern** :**Attendance during internship****Period of training** : From \_\_\_\_\_ To \_\_\_\_\_

(e) No. of Working Days :

(f) No. of Days Attended :

(g) No. of Days Leave availed :

(h) No of Days Absent :

**Assessment of Internship**

Sl.No.	Category	Marks Obtained
<b>3.</b>	<b>General</b>	<b>Maximum 10</b>
f.	Responsibility and Punctuality	( ) out of 2
g.	Behavior with sub-ordinates, Colleagues and superiors	( ) out of 2
h.	Documentation ability	( ) out of 2
i.	Character and conduct	( ) out of 2
j.	Aptitude for research	( ) out of 2
<b>4.</b>	<b>Clinical</b>	<b>Maximum 20</b>
d.	Proficiency in Fundamentals of subject	( ) out of 4
e.	Bedside manners & Rapport with patient	( ) out of 4
f.	Clinical acumen and Competency as acquired	
iv.	by Performing Procedures	( ) out of 4
v.	by Assisting in Procedures	( ) out of 4
vi.	by Observing Procedures	( ) out of 4
	<b>Total Score Obtained</b>	<b>( ) out of 30</b>

**Performance Grade of marks**

Poor &lt;8, Below average 9-14, Average 15-21, Good 22 -25, Excellent 26 and above

Note: An intern obtained unsatisfactory score (below 15) shall be required to repeat one third of the total period of posting in the concerned department.

**Signature of the Intern****Signature of the Head of the Department****Office Seal****Date:****Place:**

## Annexure-IV

## FORM 2

[See regulation 14(e)(ix)(C)]

**(NAME OF THE COLLEGE AND ADDRESS)****KAMILE TIB O JARAHAT****(BACHELOR OF UNANI MEDICINE AND SURGERY-B.U.M.S) PROGRAMME****CERTIFICATE OF COMPLETION****OF THE COMPULSORY ROTARY INTERNSHIP**

This is to certify that (NAME OF THE INTERN) Intern of (NAME OF THE COLLEGE AND ADDRESS), has completed his/her Compulsory Rotatory Internship at the (NAME OF THE COLLEGE AND ADDRESS/PLACE OF POSTING), for the duration of One year from ..... to .....in the following departments;

S.No.	Name of the Department/Institute	Period of training from (dd/mm/yyyy)	Period of training to (dd/mm/yyyy)

During the internship period the conduct of the student is.....

**Signature of the Principal/Dean/Director**

**Office Seal**

**Date:**

**Place:**

RAGURAMA BHATTA. U, Secy. I/C

[ADVT.-III/4/Exty./664/2021-22]

Note: If any discrepancy is found between Hindi and English version of National Commission for Indian System of Medicine (Minimum Standard of Undergraduate Unani Education) Regulations 2022, the English version will be treated as the final.