



Jamia Hamdard
Deemed to be University
Accredited in 'A' Grade by NAAC
Declared to be designated as Institute of Eminence (IoE) by MHRD, GOI



1.3.2 Response to Deviation of Metric Question

Desired Brochures/ Course contents for the year 2021-22 signed from the competent authority is enclosed

1. Clinical Skill Enhancement Drive
2. Clinical Training Occupational Therapy Seminars
3. Occupational Therapy Sensitization Drive
4. MLHP BSC nursing (Mid level health Provider)
5. Disaster Management
6. Unani
7. Environmental Science
8. Essence of Indian Traditional Knowledge
9. English for Research Paper Writing
10. Constitution of India
11. Induction 2021 SEST
12. Advanced CPP
13. Python
14. Java
15. Introduction to Computers
16. Arduino
17. Python 3.4.3
18. CPP
19. Add on Course on Writing During The Pandemic Impact and Influence
20. Coffee and Code Roadmap for Competitive Coding
21. OLCM 2.0 (Online Literary and Cultural Meet)
22. Induction 2021
23. Soft skills for medical professionals
24. Special skills for Medical Professionals
25. Toxicology & Critical care
26. Introduction to health care
27. Medical Ethics
28. Fundamentals of Yoga
29. Basic Life support for Medical Professionals
30. Stress and Time Management for Medical Professionals
31. COVID appropriate Behaviour
32. Pandemic Praxis and New normal
33. Professional Skill Development
34. Introduction to MS Office
35. Entrepreneurship skills
36. GST for MSME owners
37. Medical nutrition management

Registrar
Jamia Hamdard
(Deemed to be University)
Hamdard Nagar
New Delhi - 110062

1. Clinical Skill Enhancement Drive

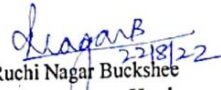
JAMIA HAMDARD
SCHOOL OF NURSING SCIENCES & ALLIED HEALTH
DEPARTMENT OF OCCUPATIONAL THERAPY

22/08/2022

ROSTER FOR CLINICAL SKILL ENHANCEMENT

BOT 3rd YEAR

DATE	CONCERNED FACULTY	TOPIC	TIME SLOT
23-08-2022	Dr.Shubha Arora	Deep and Superficial Reflexes	9:00 am to 11:00 am
23-08-2022	Dr.Saba Aziz	General Paediatric Assessment	11:00 am to 1:00 pm
24-08-2022	Dr. Noor Mohammad	Muscle Tone	9:00 am to 11:00 am
24-08-2022	Dr.Madeeha Jamal	Wheel Chair assessment and Demonstration	11:00 am to 1:00 pm
25-08-2022	Dr.Sheeba Parveen	Discussion of Standardized tools for paediatric conditions	9:00am to 11:00 am
25-08-2022	Dr. Rashida Begum	NICU Introduction and OT role	11:00 am to 1:00 pm
26-08-2022	Dr.Deepshikha Gupta	Mobility aids prescription and Gait training	9:00 am to 11:00 pm
26-08-2022	Dr.Nazia Ali	General Psychiatric Assessment	11:00 am to 1:00 pm
29-08-2022	Dr.Swati Srivastava	Work Place Ergonomics	9:00 am to 11:00 pm
29-08-2022	Dr.Deepshikha Gupta	General principles and types of Splinting	11:00 am to 1:00 pm
30-08-2022	Dr. Noor Mohammad	ASIA & Glasgow Coma Scale	09:00 am to 11:00 am
30-08-2022	Dr.Shubha Arora	NDT Frame of Reference	11:00 am to 1:00 pm
31-08-2022	Dr.RuchiN. Buckshee	Introduction of stroke and OT approaches	09:00 am to 11:00 am
31-08-2022	Dr.Sheeba Parveen	Introduction of Autism	11:00 am to 1:00 pm


Ms. Ruchi Nagar Buckshee
Head
Department of Occupational Therapy

JAMIA HAMDARD
SCHOOL OF NURSING SCIENCES & ALLIED HEALTH
DEPARTMENT OF OCCUPATIONAL THERAPY

22/08/2022

ROSTER FOR CLINICAL SKILL ENHANCEMENT

BOT 4TH YEAR

DATE	CONCERNED FACULTY	TOPIC	TIME SLOT
23-08-2022	Dr. Saba Aziz	Occupational Therapy approach in Oromotor Dysfunction	9:00am to 11:00 am
23-08-2022	Dr. Noor Mohammad	PNF Technique Demonstration	11:00 am to 1:00 pm
24-08-2022	Dr. Swati Srivastava	Occupational Therapy approach in patients with Low Back Ache (Assessment & Treatment)	9:00 am to 11:00 am
24-08-2022	Dr. Noor Mohammad	PNF Technique Demonstration	11:00 am to 1:00 pm
25-08-2022	Dr. Deepshikha Gupta	Occupational Therapy approach in pain in Shoulder region (Assessment, Special test & Treatment)	9:00 am to 1:00 pm
26-08-2022	Dr. Nazia Ali & Dr. Swati Srivastava	Hypothetical case presentation by students and discussion	9:00 am to 11:00 am
26-08-2022	Dr. Sheeba Parveen	Occupational Therapy approach in patients with Autism	11:00 am to 1:00 pm
29-08-2022	Dr. Madeeha Jamal	Occupational Therapy approach in Lower extremity conditions (Assessment, Special test & Treatment)	9:00 am to 1:00 pm
30-08-2022	Dr. Nazia Ali	Occupational Therapy approach in Cerebral Palsy	09:00 am to 11:00 am
30-08-2022	Dr. Noor Mohammad & Dr. Sheeba Parveen	Hypothetical case presentation by students and discussion	11:00 am to 1:00 pm
31-08-2022	Dr. Madeeha Jamal & Dr. Deepshikha Gupta	OT management in patients with Stroke	9:00 am to 1:00 pm


Ms. Ruchi Nagar Buckshee
Head

Department of Occupational Therapy

2. Clinical Training Occupational Therapy Seminars

SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH
JAMIA HAMDARD
NEW DELHI – 110062
Department of Occupational Therapy

JH/SNSAH/DRSc/01/22

31st January, 2022

Seminar Schedule for MOT 2nd Year (Musculoskeletal)

Students Name	Date	Topic	Guide/Mentor	Evaluator
Anubhuti	08/02/22 Tuesday	Dementia	Mr Noor Mohammad	Ms Ruchi N. Buckshee Ms Madeeha Jamal
Bhavita	10/02/22 Thursday	Emotional Intelligence and OT	Ms Ruchi N. Buckshee	Ms Swati Srivastava Ms Deepshikha Gupta
NaliniKumari	15/02/22 Tuesday	Parkinson's Disease	Ms Swati Srivastava	Ms Shubha Arora Mr Noor Mohammad
Sadiya Akhter	17/02/22 Thursday	OT and Driving Assessment	Ms Ruchi N. Buckshee	Ms Rashida Begum Ms Madeeha Jamal
Sana Ansari	22/02/22 Tuesday	Rheumatoid Arthritis	Ms Madeeha Jamal	Ms Ruchi N. Buckshee Ms Deepshikha Gupta
Tripti Singh	24/02/22 Thursday	Hand functions and handwriting	Ms Deepshikha Gupta	Mr Noor Mohammad Ms Swati Srivastava
Anubhuti	03/03/22 Thursday	Ergonomics in work from home	Mr Noor Mohammad	Ms Nazia Ali Ms Swati Srivastava
Bhavita	08/03/22 Tuesday	Role of OT in Digital Wellness	Ms Ruchi N. Buckshee	Ms SheebaParveen Ms Madeeha Jamal
NaliniKumari	10/03/22 Thursday	Insomnia	Ms Swati Srivastava	Mr Noor Mohammad Ms SheebaParveen
Sadiya Akhter	15/03/22 Tuesday	OT interventions for Driving	Ms Ruchi N. Buckshee	Ms Nazia Ali Ms Deepshikha Gupta
Sana Ansari	17/03/22 Thursday	Cervical Spondylitis	Ms Madeeha Jamal	Ms Saba Aziz Ms Deepshikha Gupta
Tripti Singh	22/03/22 Tuesday	OT in musculoskeletal conditions	Ms Deepshikha Gupta	Ms Nazia Ali Ms Saba Aziz

Prepared By:-

Nazia Ali
Ms Nazia Ali
Assistant Professor (OT)
Class Mentor
MOT (Musculoskeletal)

Rashida Begum
Ms Rashida Begum
MOT Coordinator

Ruchi Nagar
Head,
Dept of Occupational Therapy

RUCHI NAGAR BUCKSHEE
HEAD,
DEPARTMENT OF REHABILITATION SCIENCES
JAMIA HAMDARD
NEW DELHI - 110062

SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH
JAMIA HAMDARD
DEPARTMENT OF REHABILITATION SCIENCES (OCCUPATIONAL THERAPY UNIT)
MOT 2nd YEAR (Paediatrics) TENTATIVE CLINICAL TRAINING SCHEDULE FOR THE SESSION 2021-2022

DAYS	9:00 – 10:00 a.m.	10:00 – 11:00 a.m.	11:00 – 12:00 noon	12:00 – 1:00 p.m.
MONDAY	Clinical Case Presentation (SP/DG)	Clinical Case Presentation (NA/SW)	Journal Article Presentation (RB/SB)	Journal Article Presentation (SA/NM)
TUESDAY	Clinical Case Presentation (RNB/MJ)	Clinical Case Presentation (NA/SW)	SEMINAR (RB/SA/NA/SB/ SP)	
WEDNESDAY	Clinical Case Presentation (RB/SP)	Clinical Case Presentation (SW/MJ/DG)	Journal Article Presentation (SB/SP)	Journal Article Presentation (SA/NM)
THURSDAY	Clinical Case Presentation (SW/DG)	Clinical Case Presentation (NA/SB)	SEMINAR (RB/SA/NA/SB/ SP)	
FRIDAY	Journal Article Presentation (RB/DG)	Journal Article Presentation (NA/SB)	Journal Article Presentation (SA/SP)	Journal Article Presentation (NM/MJ)

RNB: DR. RUCHI NAGAR BUCKSHEE (OT); RB: DR. RASHIDA BEGUM (OT); SA: DR. SHUBHA ARORA (OT); NM: DR. NOOR MOHAMMAD (OT); NA: DR. NAZIA ALI (OT); SW: DR. SWATI SRIVASTAVA (OT); SB: DR. SABA AZIZ (OT); SP: DR. SHEEBA PARVEEN (OT); MJ: DR. MADEEHA JAMAL (OT); DG: DR. DEEPSHIKHA GUPTA (OT).

PREPARED BY:

Nazia Ali
Dr Nazia Ali (OT) & Dr Swati Srivastava (OT)
Assistant Professors
Clinical Training In charges

Ruchi Nagar
Head,
Department of Rehab Sciences

SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH
JAMIA HAMDARD
NEW DELHI – 110062
Department of Occupational Therapy

JH/SNSAH/DRSc/01/22

31st January, 2022

Seminar Schedule for MOT 2nd Year (Paediatrics)

Students Name	Date	Topic	Guide/Mentor	Evaluator
Arshiya Siddique	08/02/22 Tuesday	Play	Ms Nazia Ali	Ms Rashida Begum Ms Saba Aziz
HimakshiEkla udiya	10/02/22 Thursday	Kabuki Syndrome	Ms Saba Aziz	Ms Shubha Arora Ms SheebaParveen
Mohammad Shadab Ameer	15/02/22 Tuesday	Learning Disability	Ms SheebaParveen	Ms Nazia Ali Ms Saba Aziz
Neha	17/02/22 Thursday	Innovative therapies in OT (Present and Future)	Ms Shubha Arora	Ms Rashida Begum Ms Saba Aziz
Saba Irem	22/02/22 Tuesday	Vestibular Stimulation in SPD	Ms Saba Aziz	Ms Shubha Arora Ms SheebaParveen
Sadia	24/02/22 Thursday	Internet Addiction Disorder	Ms Rashida Begum	Ms Nazia Ali Ms SheebaParveen
Arshiya Siddique	03/03/22 Thursday	Smith Magenis Syndrome	Ms Nazia Ali	Ms Swati Srivastava Ms SheebaParveen
HimakshiEkla udiya	08/03/22 Tuesday	Angelman Syndrome	Ms Saba Aziz	Ms Shubha Arora Mr Noor Mohammad
Mohammad Shadab Ameer	10/03/22 Thursday	Mental Retardation	Ms SheebaParveen	Ms Rashida Begum Mr Noor Mohammad
Neha	15/03/22 Tuesday	Artificial Intelligence upcoming technology in rehabilitation	Ms Shubha Arora	Ms Saba Aziz Ms Deepshikha Gupta
Saba Irem	17/03/22 Thursday	Feeding intervention in cleft palate and lip	Ms Saba Aziz	Mr Noor Mohammad Ms Swati Srivastava
Sadia	22/03/22 Tuesday	OT in NICU	Ms Rashida Begum	Ms Nazia Ali Ms Swati Srivastava

Prepared By:-

Nazia
Ms Nazia Ali
 Assistant Professor (OT)
 Class Mentor
 MOT (Paediatrics)

Rashida
Ms Rashida Begum
 MOT Coordinator

Ruchi Nagar
Head,
 Dept of Occupational Therapy

RUCHI NAGAR BUCKSHEE
 HEAD,
 DEPARTMENT OF REHABILITATION SCIENCES
 JAMIA HAMDARD
 NEW DELHI - 110062

JAMIA HAMDARD
 SCHOOL OF NURSING SCIENCES & ALLIED HEALTH
 DEPARTMENT OF OCCUPATIONAL THERAPY
 ROSTER FOR CLINICAL SKILL TRAINING DEMONSTRATION

DATE	CONCERNED FACULTY	TOPIC	TIME SLOT
24-06-2022	Dr. Nazia Ali	Upper Limb ROM Assessment	9:00am to 11:00 am
27-06-2022	Dr. Swati Srivastava	General Assessment and History Taking	9:00 am to 11:00 am
28-06-2022	Dr. Noor Mohammad	Lower Limb ROM Assessment	11:00 am to 1:00 pm
29-06-2022	Dr. Saba Aziz	DTRs Assessment	11:00 am to 1:00 pm
30-06-2022	Dr. Sheeba Parveen	Special Tests for Cervical & Upper extremity	11:00 am to 1:00 pm
01-07-2022	Dr. Madeeha Jamal	Special Tests for Back & Lower Extremity Conditions	11:00 am to 1:00 pm
04-07-2022	Dr. Deepshikha Gupta	General Orthopaedic Assessment	11:00 am to 1:00 pm
05-07-2022	Dr. Shubha Arora	Superficial & Developmental Reflexes Assessment	11:00 am to 1:00 pm
06-07-2022	Dr. Rashida Begum	General Paediatric Assessment	9:00 to 11:00 am
07-07-2022	Dr. Noor Mohammad	General Neurological Assessment	11:00 am to 1:00 pm
08-07-2022	Dr. Nazia Ali	Activity Based exercises demonstration for different conditions	9:00am to 11:00 am
12-07-2022	Dr. Swati Srivastava	Cervical Exercises Demonstration	9:00am to 11:00 am
12-07-2022	Dr. Madeeha Jamal	Upper Extremity Exercises Demonstration	11:00 am to 1:00 pm
13-07-2022	Dr. Sheeba Parveen	Back Exercises Demonstration for different conditions	11:00 am to 1:00 pm
14-07-2022	Dr. Saba Aziz & Dr. Deepshikha Gupta	Lower Extremity Exercises Demonstration for different conditions	11:00 am to 1:00 pm

Ruchi Nag
 Ms. Ruchi Nagar Buckshee
 Head
 Department of Occupational Therapy

3. Occupational Therapy Sensitization Drive



Jamia Hamdard
School of Nursing Sciences and Allied Health
Department of Rehabilitation Sciences

**“Celebrating World Occupational Therapy
Month” 27th October – 26th November, 2021**

Theme: “Belong Be You”

Overview:

“Occupational Therapy Day” was first launched on 27th October 2010. Since then, it has become an important date in the Occupational Therapy calendar to promote and celebrate the profession internationally.

World Occupational Therapy Month, (27th October – 26th November) is the opportunity to heighten the visibility of the profession’s development work and to promote the Occupational Therapy and its importance as a health care profession, locally, nationally, and internationally.

Occupational Therapy Unit, Department of Rehabilitation Sciences celebrate this month every year by providing health care services in the community, health camps, awareness programmes, outreach programmes etc.

This year, we are celebrating World Occupational Therapy Month, in-house, in different schools and departments of Jamia Hamdard.

In lieu of this celebration, we are organizing **Occupational Therapy at your Desk: a series of sensitization drive in various schools of Jamia Hamdard.**

OCCUPATIONAL THERAPY SENSITIZATION DRIVE AT SCHOOL OF PHARMACEUTICAL EDUCATION AND RESEARCH

Date of Event: 1st November, 2021

Timings of the Event: 03:00- 4:00 PM

Objectives of the sensitization drive:

1. To create an awareness of Occupational Therapy
2. To promote the services provided by the Occupational Therapy Department in JamiaHamdard for patient care.
3. To make the staff of Jamia Hamdard aware about the advantages of Occupational Therapy in daily life.
4. Referral of the patients to the Occupational Therapy Unit, Rehabilitation Center for Occupational therapy services

Coordinators for the event: Dr. Rashida Begum, Dr. Swati Srivastava, Dr. Madeeha Jamal, Dr. Deepshikha Gupta.

Highlights of the event: Introduction of Occupational Therapy, Work Hazards Assessments, Ergonomic Analysis, Lifestyle Modification, Practical approach of Occupational Therapy in Daily Life in various musculoskeletal conditions.

Brief Report

On the Occasion of World Occupational therapy Month, an Occupational Therapy Sensitization Drive were organized at the School of Pharmaceutical Education and Research on 1st November, 2021 at 3:00 pm to 4:00 pm.

The event started with the welcome note by Dr. Swati Srivastava, Assistant Professor, Occupational Therapy Unit. Ms. Neha Kashyap (MOT 2nd Year student) introduced the gathering with Occupational Therapy, scopes and services. Ms. Himakshi Eklaudiya had presented the practical approach of Ergonomics and Lifestyle followed by the practical demonstration of Occupational Therapy in various musculoskeletal conditions in daily life by Dr. Madeeha Jamal and Dr. Deepshikha Gupta, Assistant Professors, Occupational Therapy Unit.

The session ended with the concluding remarks by Dr. Rashida Begum, Associate Professor, Occupational Therapy Unit. She enlightened the participants with various aspects of Occupational Therapy and role of Occupational Therapy in Pediatric conditions.

The session was well appreciated by all the dignitaries and participants.

Note of Thanks

Occupational Therapy Unit, Department of Rehabilitation Sciences express sincere gratitude to Prof. Dr. Vidhu Aeri , Dean, SPER for her support and motivation towards the success of the event. Last but not the least, we owe our gratitude to all the dignitaries and participants who were present and taken keen interest in the event and motivated us to conduct such more events.

Glimpses of the event







Jamia Hamdard
School of Nursing Sciences and Allied Health
Department of Rehabilitation Sciences

World Occupational Therapy Day Celebration

Theme: "Belong Be You"

Month: 27th October – 26th November, 2021

Overview:

"Occupational Therapy Day" was first launched on 27th October 2010. Since then, it has become an important date in the Occupational Therapy calendar to promote and celebrate the profession internationally.

World Occupational Therapy Month, (27th October – 26th November) is the opportunity to heighten the visibility of the profession's development work and to promote the Occupational Therapy and its importance as a health care profession, locally, nationally, and internationally.

Occupational Therapy Unit, Department of Rehabilitation Sciences celebrate this month every year by providing health care services in the community, health camps, awareness programmes, outreach programmes etc.

This year, we celebrated World Occupational Therapy Month, in-house, in different schools and departments of Jamia Hamdard.

In lieu of this celebration, we organized three events;

1. WALKATHON
2. FREE ONLINE TELECONSULTATION
3. OCCUPATIONAL THERAPY AWARENESS DRIVE

1. The first event "**WALKATHON**" was held on 27th of October from Rehabilitation Centre, Jamia Hamdard to the entire campus of the University from 11:30 AM– 1:00 PM. The motive of the walkathon event was to make the students aware of the necessity of being fit and motivate people to stay fit. Students gathered in numbers to participate and create awareness about the event. Around 100 students took part in the event to create awareness keeping social distancing in mind due to Covid-19 scenario.

2. The second event was '**FREE ONLINE TELECONSULTATION**' held on 27th October to 28th October, 2021 from 9:00 AM to 3:00 PM prior to Online registration. In this pandemic scenario, where therapy is necessary but insufficiently implemented, alternative rehabilitation models have been created using new resources such as digital practice to improve coverage. Thus, telerhabilitation, considered a branch of telehealth, is set up as a system for the control or monitoring of remote rehabilitation using telecommunications technologies.

There were more than 500 Online Registrations from different age groups to various conditions such as; Cerebral Palsy, Multiple Sclerosis, Hand Therapy, Stroke, Autism Spectrum Disorder etc.

3. The Third Event of the programme was OCCUPATIONAL THERAPY AWARENESS DRIVE i.e. 'OCCUPATIONAL THERAPY AT YOUR DESK'

A series of sensitization drive in various schools of Jamia Hamdard.

- **SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH**
Date of Event: 28th October, 2021
Timings of the Event: 12:00- 1:00 PM
- **SCHOOL OF MANAGEMENT AND BUSINESS STUDIES**
Date of Event: 1st -2nd November, 2021
Timings of the Event: 12:00- 1:00 PM
- **SCHOOL OF PHARMACEUTICAL EDUCATION AND RESEARCH**
Date of Event: 1st November, 2021
Timings of the Event: 03:00- 4:00 PM
- **SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH**
Date of Event: 10th November, 2021
Timings of the Event: 02:00- 3:00 PM

OBJECTIVES OF THE SENSITIZATION DRIVE :

1. To create an awareness of Occupational Therapy Profession.
2. To promote the services provided by the Occupational Therapy Department in JamiaHamdard for patient care.
3. To make the Teaching and Non-teaching staff of Jamia Hamdard aware about the advantages of Occupational Therapy in daily life.
4. Referral of the patients to the Occupational Therapy Unit, Rehabilitation Center for Occupational therapy services
5. To teach the staff of Jamia Hamdard about therapeutic exercises and activities to be performed at their workplace and at their home as well.

HIGHLIGHTS OF THE EVENT:

Introduction of Occupational Therapy, Work Hazards Assessments, Ergonomic Analysis, Lifestyle Modification, Practical approach of Occupational Therapy in Daily Life in various musculoskeletal conditions.

BRIEF REPORT

On the Occasion of World Occupational therapy Month, Occupational Therapy Sensitization Drive were organized at different schools of the Jamia Hamdard University. The event was started with the welcome note by Dr. Swati Srivastava, Assistant Professor, Occupational Therapy Unit. Ms. Neha Kashyap (MOT 2nd Year student) introduced the gathering with Occupational Therapy, scopes and services. Ms.

Himakshi Eklaudiya had presented the practical approach of Ergonomics and Lifestyle. Ms. Sadia Akhter, MOT student had demonstrated Mental Health Exercises followed by the practical demonstration of Occupational Therapy in various musculoskeletal conditions in daily life by Dr. Madeeha Jamal, Assistant Professor and Dr. Deepshikha Gupta, Assistant Professor, Occupational Therapy Unit. The session ended with the concluding remarks by Dr. Rashida Begum, Associate Professor, Occupational Therapy Unit. She enlightened the participants with various aspects of Occupational Therapy and role of Occupational Therapy in various conditions.

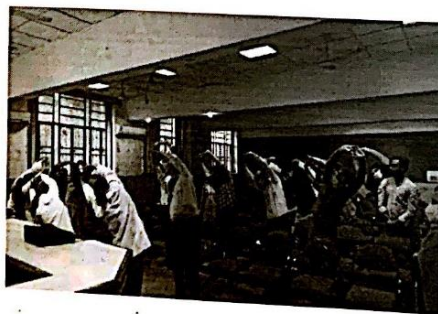
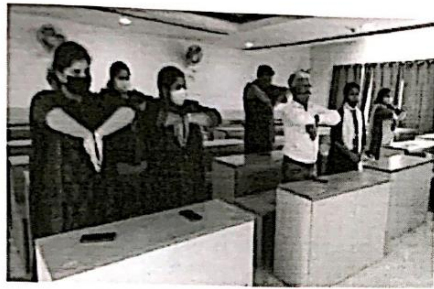
The session was well appreciated by all the dignitaries and all the participants.

COORDINATORS FOR THE EVENT:

1. Dr. Rashida Begum, Associate Professor
2. Dr. Shubha Arora, Assistant Professor
3. Dr. Noor Mohammad, Assistant Professor
4. Dr. Nazia Ali, Assistant Professor
5. Dr. Swati Srivastava, Assistant Professor
6. Dr. Saba Aziz, Assistant Professor
7. Dr. Sheeba Parveen, Assistant Professor
8. Dr. Madeeha Jamal, Assistant Professor
9. Dr. Deepshikha Gupta, Assistant Professor

GLIMPSES OF THE EVENT



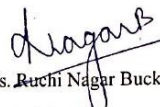




NOTE OF THANKS

A sincere gratitude towards all the participants who actively participated and attended the programme throughout the 'WORLD OCCUPATIONAL THERAPY DAY' celebration, Our DEAN Mam, Dr.(Prof.) Manju Chhugani, Our HEAD Mam, Ms. Ruchi Nagar Buckshee and our event coordinators for their support towards the success of this event.

Prepared by:
Madeeha Jamal, Assistant Professor (OT)
Saba Aziz, Assistant Professor (OT)
Deptt. Of Occupational Therapy
SNSAH, Jamia Hamdard


Ms. Ruchi Nagar Buckshee
Head of the Department
Deptt. Of Occupational Therapy
SNSAH, Jamia Hamdard

4. MLHP BSC nursing (Mid-level Health Provider)

भारतीय उपचर्या परिषद्

आठवीं तल, एनबीसीसी सेन्टर, प्लॉट नं. 2, कम्युनिटी
सेन्टर, ओखला फेज - 1, नई दिल्ली - 110020



INDIAN NURSING COUNCIL

8th Floor, NBCC Centre, Plot No. 2, Community Centre
Okhla Phase - I, New Delhi - 110020

स्वास्थ्य एवं परिवार कल्याण मंत्रालय के तहत सांविधिक निकाय
Statutory Body under the Ministry of Health & Family Welfare

No. 1-2/NEC/2019-INC

Dated: 18 JAN 2019

NOTIFICATION

Sub : Integration of 'Middle-level health Provider' (MLHP) in Basic BSc.Nursing & Post Basic BSc.Nursing Curriculum

All Colleges & Universities offering Basic BSc. Nursing and Post Basic BSc. Nursing programme are hereby notified that:

The concept, roles and responsibilities of Middle-level health provider (MLHP) and the log-book prescribed by Ministry of Health & Family Welfare, Government of India to be integrated in Basic BSc. Nursing and Post Basic BSc. Nursing curriculum with effect from current academic year onwards.

Placement:

Basic B.Sc.Nursing

Subject : Community Health Nursing - II

4th year Basic B.Sc.Nursing

Post Basic BSc.Nursing

Subject : Community Health Nursing

2nd Year Post Basic B.Sc.Nursing

(Rathish Nair)
Secretary

Copy forwarded for information and necessary action to:

- 1) Secretary / AS & MD /AS(AS)/JS(HR), MoHFW, Government of India
- 2) Registrar, All Universities offering & examining Basic BSc.Nursing Programme
- 3) Registrar, All State Nursing Councils
- 4) Principal, All Colleges of Nursing offering B.Sc.Nursing Programme
- 5) INC Website

उपचर्या शिक्षा के एकसमान मानक प्राप्त करने के लिए प्रयासरत

Striving to Achieve Uniform Standards of Nursing Education

Website: www.indiannursingcouncil.org E-mail: secy.inc@gov.in

Phone: 011-66616800, 66616821, 66616822

भारतीय उपचर्या परिषद्

आठवीं तल, एनकेसीसी सेंटर प्लॉट नं. 2, कम्युनिटी
सेक्टर ओखला फेज - 1, नई दिल्ली - 110020



INDIAN NURSING COUNCIL

8th Floor, NBCC Centre, Plot No. 2, Community Centre
Okhla Phase - I, New Delhi - 110020

स्वास्थ्य एवं परिवार कल्याण मंत्रालय के तहत सांविधिक निकाय
Statutory Body under the Ministry of Health & Family Welfare

F.No. 22-206/CPCH/2019-INC

Date: 29 MAY 2019

NOTIFICATION

Subject: Integration of Middle-Level Health Provider (MLHP) in Basic B.Sc Nursing and Post Basic B.Sc Nursing Curriculum -reg.

In continuation of notification No. 1-2/NEC/2019-INC dated 12th February, 2019. The total number of hours to incorporate in the existing Community Health Nursing subject is around 75 hours (theory + practical). It will be feasible to accommodate in the 195 hours already allocated in the B.Sc Nursing Syllabus (internship period) & P.B.B.Sc.(N) in CHN

The following topics to be incorporated in the Community Health Nursing subject of B.Sc Nursing Syllabus and also in Post Basic B.Sc Nursing:-

1. Roles and responsibilities of Mid-Level Healthcare Providers (MLHP)
2. New national health programmes
3. AYUSHMAN BHARAT- The up gradation of sub-centers into of health and wellness centers, Concept of Comprehensive primary health care and key elements of CPHC, Service delivery and continuum of care and Roles of Mid-level health care providers(MLHP)
4. Diagnosing and treatment skills essential at sub-centre level using Standard treatment protocols as per national health programmes
5. Introduction to Rashtriya Bal Sureksha Karyakaram (RBSK)
6. Social mobilization skills
7. Drug dispensing
8. Programme management including supervision and monitoring
9. Investigation of an outbreak
10. Behavior change communication and soft skills
11. Integrated Disease Surveillance Project (IDSP)
12. Mother and Child Tracking System (MCTS)
13. Chikungunya
14. Organization of labour room
15. Safe child birth checklist
16. Postpartum visits by health workers
17. Family planning 2020
18. National family planning programmes
19. Food born diseases

उपचर्या शिक्षा के एकसमान मानक प्राप्त करने के लिए प्रयासरत
Striving to Achieve Uniform Standards of Nursing Education

Website: www.indiannursingcouncil.org E-mail: secy.inc@gov.in

Phone: 011-66616800, 66616821, 66616822

भारतीय उपचर्या परिषद्

आठवीं तल एनबीसीसी सेंटर, प्लॉट नं. 2, कम्युनिटी
सेन्टर, ओखला फेज - 1, नई दिल्ली - 110020



INDIAN NURSING COUNCIL

8th Floor, NBCC Centre, Plot No. 2, Community Centre
Okhla Phase - I, New Delhi - 110020

स्वास्थ्य एवं परिवार कल्याण मंत्रालय के तहत संवैधानिक निकाय
Statutory Body under the Ministry of Health & Family Welfare

Following topics to be reviewed:-

- Health planning and health care delivery system in India (PHS guidelines)
- Health Management Information System(HMIS)
- Electronic Medical Records(EMR)
- Micro birth planning
- Adolescent counseling
- Sources of vital statistics
- Financial Management, Accounts and Computing at Sub - Centre
- Mental health act, drug de-addiction programmes
- Time trends in disease occurrence in epidemiology
- Infant and young child feeding and counseling
- Nutrition across life cycle and update on national nutritional programmes
- Use of Equipment
- Throat problems and febrile seizure in children
- Transportation of baby and common accidents and mishaps in labour room
- Counselling-GATHER Approach
- Update biomedical waste management by specifying biomedical waste management rules 2016
- Suturing of superficial wounds
- Postpartum Intra Uterine Contraceptive Device (PPIUCD)
- All the national health programmes on Communicable,non communicable


(Rathish Nair)
SECRETARY

Copy to:-

1. The Principal, all Colleges of Nursing
2. The Registrar, all Universities offering & examining Nursing programme
3. The Registrar, all State Nurses Registration Councils.

2/2

उपचर्या शिक्षा के एकसमान मानक प्राप्त करने के लिए प्रयासरत
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5. Disaster Management

DISASTER MANAGEMENT Placement Semester VIII

Theory:40 Hours

Unit	Time (Hrs.)	Learning Objectives	Contend	Teaching Learning Activities	Evaluation
I.	06 Hours	To acquaint students with disasters and terminologies related to disasters.	Introduction to Disasters: Concepts, and definitions (Disaster, Hazard, Vulnerability Resilience, Risks)	Lecture, discussion	Objective type
II.	12 Hours	To provide students an exposure to disasters, their significance and types	Disasters: Classification Causes, Impacts (Including social, economic, political, environmental, health, psychosocial, etc.) Differential impacts-in terms of caste, class, gender, age, location, disability Global trends in disasters, urban disasters, pandemics, complex emergencies, Climate change,	Lecture, discussion and display of video	Quiz
III.	10 Hours	To gain a preliminary understanding of approaches of Disaster Risk Reduction (DRR)	Approaches to Disaster Risk reduction: Disaster cycle-its analysis, Phases, Culture of safety, prevention, mitigation and preparedness, community based DRR, Structural-nonstructural measures, roles and responsibilities of community, Panchayati Raj Institutions/Urban Local Bodies (PRIs/ULBs), States, Centre, and other stakeholders.	Lecture, discussion	
IV.	06 Hours	To ensure that students begin to understand the relationship between vulnerability, disasters, disaster prevention and risk reduction To enhance awareness of	Inter-relationship between Disasters and Development: Factors affecting Vulnerabilities, differential impacts, impact of Development projects such as dams, embankments, changes in knowledge, appropriate technology and local resources	Lecture, discussion	Short answers

		institutional processes in the country.			
V.	08 Hours	To create awareness among students of components of disaster relief and institutional processes in the country.	Disaster Risk Management in India Hazard and Vulnerability profile of India Components of Disaster Relief: Water, Food, Sanitation, Shelter, Health, Waste Management Institutional arrangements (Mitigation, Response and Preparedness, DM Act and Policy, Other related policies, plans, programs and legislation)	Lecture, discussion, drills for fire and earthquake management	
VI.	08 Hours	To develop rudimentary ability to respond to their surroundings with potential disaster response in areas where they live with due sensitivity	Project Work	Field Work, Case Studies/ community mapping/ workshop	

6. Unani
INTRODUCTION TO UNANI MEDICINE

PLACEMENT: IV Year (Semester VII)

Theory-45 Hrs

Lab/Practical- 10 Hrs

Supervised Nursing Practice-60 Hrs

COURSE DESCRIPTION:

The course is designed to enable the student to acquire fundamental knowledge about the Unani System of Medicine.

Unit	Time	Learning Objective	Content	Teaching Learning Activities	Assessment Method
I	5		Introduction to Unani Medicine: <ul style="list-style-type: none"> • Introduction to subject, brief history of Unani Tibb; Introduction of Umoor-e-Tabia, particularly Miraj, Akhlat, etc 	Lecture cum discussion, lab work, practical work	Term Exams, Assignments, Class Tests
II	10		ILMUL ADVIA, MURAKKABAT (Pharmacology/ Pharmacy) a. Introduction of the subject; shapes of compound Unani drugs; Forms of drugs according to mode of administration and treatment; name of some common Unani compounds, their drugs and general actions. b. Introduction of Ilmul Advia/Murakkabat c. Shapes of compound Unani drugs: <ul style="list-style-type: none"> • Solids: Habb, Qurs, Safeef, Shiyaf • Semi-solids: Itrifal, Aneshadru, Tiryaq, Jawarish, Khamirah, Harirah, Zimad, Tila, Qairuti, Karham • Liquids: Rooh, Saoot, Luat, Ka-ul- Shaeer, Kaul-Labalm, Joshanda, Kheesanda, Sheera, Murawwaq, Zulal, Shikanjbeen, Sharbat, Kaul-Asl d. Forms of drugs according to modes of administration and some modes of treatment. Abzan, Nutool, Takmeed, Zimad, Tila, Dalak, Indabab,	Lecture cum discussion, lab work, practical work	Term Exams, Assignments, Class Tests

			Qai Isha, Ishal, Huqna, Utoos, Hamool, Fatila, Zareer, Kazmazah		
III	10		<p>BEDSIDE MEDICINE Methods of preparation of some Unani medicines in the indoor, some emergency medicines and their action, commonly used in bedside terminology of common diseases.</p> <ol style="list-style-type: none"> a. Method of preparation of common drugs: Joshan, Kheesanda, Sheera, Zimad, Inkabab b. Some medicines and their actions commonly used in bedside medicines: Barshash, Qulzum, Sayyal-e-Sheereen, Habb-Kabid, Sharbat-e-Sadr, Khameera Asbresham, Khameera Asbresh, Habb-e-Zeequnafas, Iksir-e-Shifa, Aujai, Qurs-e-Habis, Qurs Habis Qai, Qurs-e-Bandish-e-Khoon c. Terminologies of some common disease: Suda, Sarsaam, Falij, Sara Nazla, Zikam, Sual, Zeequnnafs, Zaturriya, Zatul-Janb, Warm-e-Shob Shahiqqa, Nafakh, Warm-e-Meda, Warm-e-Jigar and mirara, Zaheer Ishal, Warm-e-Kuliya, Zof-e-Baah, JarbBusoor, Waj-ul-Uan, Selanul-Uzn, Waj-ul Mufasil, Sailan ul Reham 	Lecture cum discussion, lab work, practical work	Term Exams, Assignments, Class Tests
IV	20		<p>PRACTICALS IDENTIFICATION OF SOME COMPOUND DRUGS (Unit-2); Identification of some single drugs; Practical demonstration of some modes of treatment (Unit-2); Method of preparation of indoor medicines (Unit-3)</p>		

7. Environmental Science

Name of the Academic Program: Bachelor of Computer Applications (BCA)/ Bachelor of Science (Information Technology) - B. Sc. (IT)

Course Code: BCA ES **Title of the Course:** Environmental Studies

L-T-P: 2-0-0 **Credits:** 00

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

COURSE LEARNING OUTCOMES (CLOs)

After the completion of the course, the student would be able to:

CLO1 Get the information about ecosystem and also about its functions like Food chain, Ecological pyramids etc. (Cognitive level: Understand)

CLO 2 Get the knowledge about the different types of resources like land, water, mineral and energy and also about the effects of environment by the usage of these resources. (Cognitive level: Understand)

CLO 3 Gain the knowledge about the ecosystem diversity, its values and also about the importance of the endemic species and different techniques involved in its conservation (Cognitive level: Understand)

CLO 4 Gain the knowledge about the different types of pollutions and their control technologies, Waste water treatment, Bio medical waste management etc. (Cognitive level: Understand)

CLO 5 Get the complete information about EIA- Environmental Impact Assessment, Sustainable developmental activities, environmental policies and regulations, awareness among people about protection of wild life, forest and other natural resources. (Cognitive level: Understand)

Mapping of COURSE LEARNING OUTCOMES (CLOs) with Program Learning Outcomes (PLOs)

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CLO1	3	--	2	1	2	2	--	--	--	1	--	1
CLO2	3	--	--	2	--	--	2	1	1	--	1	--
CLO3	1	1	3	2	2	2	--	--	--	1	1	1
CLO4	--	3	1	--	2	--	--	1	1	--	1	--
CLO5	2	--	--	2	1	2	2	2	--	1	--	2

Detailed Syllabus:

Unit 1: Introduction to environmental studies (8 hours)

Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development

Unit 2: Concept of ecology and ecosystem (8 hours)

Structure and function of ecosystem; Energy flow in an ecosystem; food chains, food webs; Basic concept of population and community ecology; ecological succession

Unit 3: Natural Resources (8 hours)

Concept of Renewable and Non-renewable resources; Land resources, Land degradation, soil erosion and desertification; Deforestation; Water: Use and over-exploitation of surface and ground water, floods, droughts

Unit 4: Environmental Pollution (8 hours)

Environmental pollution: concepts and types; Air, water, soil, noise and marine pollution- causes, effects and controls; Concept of hazards waste and human health risks; Solid waste management: Control measures of Municipal, biomedical and e-waste

Unit 5: Case study (10 hours)

Discussion of real-life cases that have an impact on the natural environment

Text/ Reference Books

1. Asthana, D. K. (2006). Text Book of Environmental Studies. S. Chand Publishing.
2. Basu, M., Xavier, S. (2016). Fundamentals of Environmental Studies, Cambridge University Press, India

Teaching-Learning Strategies in brief:

1. Build positive environment in the classroom.
2. Provide concrete basic and advanced knowledge of the subject.
3. Solve problems based on the basic & advanced concepts of the subject.
4. Encourage to the students to ask more & more questions.
5. Motivate to the students to develop critical & strategic thinking.

Assessment methods and weightages:

1. Two sessional examinations.
2. Assignments.
3. Class tests.
4. Semester examination.

8. Essence of Indian Traditional Knowledge

Name of the Academic Program: B. Tech ECE

Course Code: BTECE 108

Title of the Course: Essence of Indian Traditional knowledge

L-T-P: 2-0-0

Credits: 00

(L=Lecture hours, T=Tutorial hours, P=Practical hours)

Course Outcomes:

After completing this course, the students should be able to:

CO1. Identify the concept of Traditional knowledge and its importance. (Cognitive Level: Remember)

CO2. Explain the need for and importance of protecting traditional knowledge. (Cognitive Level: Apply)

CO3 Illustrate the various enactments related to the protection of traditional knowledge. (Cognitive Level: Evaluate)

CO4. Interpret the concepts of Intellectual property to protect the traditional knowledge. (Cognitive Level: Analyze)

CO5. Explain the importance of Traditional knowledge in Agriculture and Medicine. (Cognitive Level: Evaluate)

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3
CO 1	3	2	3	2	1			2		1	1		3	1	2
CO 2	3	3	3	2	2	1						1	3	1	2
CO 3	3	2	3	2	1	1	2				2		3	1	2
CO 4	3	3	3	2	1		1		2			1	3	1	2
CO 5	3	3	2	2	2								3	1	2

Detailed Syllabus:

UNIT 1

8 Hours

Introduction to Elements of Indian History: What is history? ; History Sources-Archaeology, Numismatics, Epigraphy & Archival research; Methods used in History; History & historiography; Introduction to sociological Concepts-structure, system, organization, social institutions, Culture social stratification (caste, class, gender, power).State & civil society; (7 Lectures)

UNIT 2: **10 Hours**
Indian history & periodization; evolution of urbanization process: first, second & third phase of urbanization; Evolution of polity; early states to empires; Understanding social structures- feudalism debate; Understanding social structure and social processes: Perspectives of Marx, Weber & Durkheim;

UNIT 3 : **8 Hours**
From Feudalism to colonialism-the coming of British; Modernity & struggle for independence; Political economy of Indian society. Industrial, Urban, Agrarian and Tribal society; Caste, Class, Ethnicity and Gender; ecology and Environment;

UNIT 4: **8 Hours**
Issues & concerns in post-colonial India (up to 1991); Issues & concerns in postcolonial India 2nd phase (LPG decade post 1991)

UNIT 5 : **8 Hours**
Social change in contemporary India: Modernization and globalization, Secularism and communalism, Nature of development, Processes of social exclusion and inclusion, changing nature of work and organization

Reference Books:

- History
 1. Desai, A.R. (2005), Social Background of Indian Nationalism, Popular Prakashan
 2. Guha, Ramachandra (2007), India After Gandhi, Pan Macmillan
 3. Thapar, Romila (2002), Early India, Penguin
 4. Sharma R.S.(1965), Indian Feudalism, Macmillan
 5. Deshpande, Satish (2002), **C**ontemporary India: A Sociological View, Viking
 6. Gadgil, Madhav&RamachandraGuha(1993), This Fissured Land: An **E**COlogical History of India, OU Press
- Sociology:
 1. Giddens, A (2009), Sociology, Polity, 6th edn.
 2. Haralambos M, RM Heald, M Holborn (2000), Sociology, **C**ollins
 3. Xaxa, V (2008), State, Society and Tribes Pearson
 4. Chandoke, Neera& Praveen Priyadarshi (2009), **C**ontemporary India: **E**COmomy, Society and Politics, Pearson
 5. Oommen,T.K.(ed.) (1997), Citizenship and National Identity: From **C**olonialism to Globalization, Sage.
 6. Mohanty, M (ed.) (2004), Class, Caste & Gender- Volume 5, Sage
 7. Dhanagare, D.N. , Themes and Perspectives in Indian Sociology, Rawat
 8. Ramaswamy, E.A. and Ramaswamy,U.(1981), Industry and Labour, OU Press

Teaching-Learning Strategies in brief

1. Build positive environment in the classroom.
2. Provide **C**oncrete basic and advanced knowledge of the subject.
3. Solve problems based on the basic & advanced **C**oncepts of the subject.
4. **E**n**C**ourage to the students to ask more & more questions.
5. Motivate to the students to develop critical & strategic thinking

Assessment methods and weightage in brief

1. By taking two sessional examinations.
2. By giving assignments.
3. By **C**onducting class tests.
4. By taking semester examination.
5. Internal assessment (25 Marks) & Semester Examination (75 Marks) & Total Marks-100.

9. English for Research Paper Writing

AUDIT COURSE

Name of the Academic Program: M. Tech. (CSE) with specialization in Data Sciences

Course Code: MTDS AC111

Title of the Course: English for Research Paper Writing

L-T-P: 2-0-0 **Credit:0**

(L = Lecture hours, T = Tutorial hours, P = Practical hours)

Course Outcomes:

After completing this Course (or unit of a course) the students should be able to:

CO1: Appraise the different aspects of Planning and Preparation involved in writing research papers. (Cognitive Level :Understand)

CO2: Interpret and highlight the key findings. (Cognitive Level :Remember)

CO3: Compare and describe various sections of a research paper. (Cognitive Level :Understand)

CO4: Assess the skills needed to write various sections of a research paper. (Cognitive Level :Create)

CO5: Evaluate the usefulness of different types of phrases in the context of research paper writing. (Cognitive Level :Evaluate)

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	1	-	-	-	2	1	1	1	3	1	3		-	1
CO2	-	-	-	1	-	1		2	3	-	3		1	2
CO3	-	-	1	-	-	-		-	3	-	3		-	-
CO4	-	1	-	-	-	-	1	-	3	-	3	1	-	-
CO5	-	-	-	-	-	-		-	3	-	3		-	-

Unit wise Syllabus

Unit – I: Planning and Preparation

8 hours

Planning and Preparation, Word Order, Breaking up long sentences, Structuring Paragraphs and Sentences, Being Concise and Removing Redundancy, Avoiding Ambiguity and Vagueness

Unit – II: Plagiarism

6 hours

Clarifying Who Did What, Highlighting Your Findings, Hedging and Criticising, Paraphrasing and Plagiarism, Sections of a Paper, Abstracts. Introduction

Unit – III: Review Study

8 hours

Review of the Literature, Methods, Results, Discussion, Conclusions, The Final Check.

Unit – IV: Writing Skill**6 hours**

Key skills are needed when writing a Title, key skills are needed when writing an Abstract, key skills are needed when writing an Introduction, skills needed when writing a Review of the Literature,

Unit – V: Writing Skill-II**6 hours**

Skills are needed when writing the Methods, skills needed when writing the Results, skills are needed when writing the Discussion, skills are needed when writing the Conclusions

Unit – VI: Quality Assurance**6 hours**

Useful phrases, how to ensure paper is as good as it could possibly be the first- time submission

Text/ Reference Books:

- Goldbort R (2006) Writing for Science, Yale University Press (available on Google Books)
- Sahni, Pardeep Et. Al. (Eds.),” Disaster Mitigation Experiences And Reflections”, Prentice Hall Of India, New Delhi.
- Goel S. L., Disaster Administration And Management Text And Case Studies”, Deep & Deep Publication Pvt. Ltd., New Delhi

Teaching-Learning Strategies in brief (4 to 5 sentences)

1. Learning through discussion among the peer group
2. Learning through Case Studies
3. Open ended questions by teacher
4. Open ended questions from students
5. Preparation of question bank by students at various cognitive level

Assessment methods and weightages in brief (4 to 5 sentences)

1. time-constrained examinations;
2. closed-book and open-book tests;
3. individual project reports(case-study reports)
4. viva voce interviews
5. **Internal assessment (25 Marks) & Semester Examination (75 Marks) &Total Marks-100.**

10. Constitution of India

Name of the Academic Program: M. Tech. (CSE) with specialization in Data Sciences

Course Code: MTDS AC221

Title of the Course: Constitution of India

L-T-P: 2-0-0 **Credit:0**

(L = Lecture hours, T = Tutorial hours, P = Practical hours)

Course Outcomes:

After completing this Course, the students should be able to

CO1. To give overview of Development of constitution of India. (Cognitive Level :Understand)

CO2. To Explain Schedule and sources of constitution of India. (Cognitive Level :Understand)

CO3. To discuss Citizenship Act, 1955. (Cognitive Level :Understand)

CO4. To highlight the Fundamental Rights. (Cognitive Level :Understand)

CO5. To make aware of Amendment of constitution. (Cognitive Level :Understand)

Mapping of Course Outcomes (COs) with Program Outcomes (POs) and Program Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	1	3							1		2	3
CO2	3	2	2		2			2	2	3		1	2	3
CO3			2	3	2	1					1		3	
CO4					2				2	2	1	1	2	
CO5			2		3	2		2	2	3			3	

Unit wise Syllabus

Unit – I: History of Making of the Indian Constitution

6 hours

History, Drafting Committee, (Composition & Working)

Unit – II: Philosophy of the Indian Constitution

6 hours

Preamble, Salient Features

Unit – III: Contours of Constitutional Rights & Duties

8 hours

Fundamental Rights, Right to Equality, Right to Freedom, Right against Exploitation

Right to Freedom of Religion, Cultural and Educational Rights, Right to Constitutional Remedies, Directive Principles of State Policy, Fundamental Duties.

Unit – IV: Organs of Governance

8 hours

Parliament, Composition, Qualifications and Disqualifications, Powers and Functions

Executive, President, Governor, Council of Ministers, Judiciary, Appointment and Transfer of Judges, Qualifications, Powers and Functions

Unit – V: Local Administration

8 hours

District's Administration head: Role and Importance, Municipalities: Introduction, Mayor and role of Elected Representative, CEO of Municipal Corporation. Pachayati raj: Introduction, PRI: Zila Pachayat. Elected officials and their roles, CEO Zila Pachayat: Position and role. Block level: Organizational Hierarchy (Different departments), Village level: Role of Elected and Appointed officials, Importance of grass root democracy

Unit – VI: Election Commission

6 hours

Election Commission: Role and Functioning. Chief Election Commissioner and Election Commissioners. State Election Commission: Role and Functioning. Institute and Bodies for the welfare of SC/ST/OBC and women.

Text/ Reference Books:

- The Constitution of India, 1950 (Bare Act), Government Publication.
- Dr. S. N. Busi, Dr. B. R. Ambedkar framing of Indian Constitution, 1st Edition, 2015.
- 3. M. P. Jain, Indian Constitution Law, 7th Edn., Lexis Nexis, 2014.
- D.D. Basu, Introduction to the Constitution of India, Lexis Nexis, 2015.

Teaching-Learning Strategies in brief

1. Provide visuals, illustrations, explanations etc.
2. Provide basic and advanced knowledge about the subject.
3. Encourage the students to ask more & more questions.
4. Motivate the students to develop critical & strategic thinking

Assessment methods and weightages in brief

1. Sessional examination (2 Nos.)
2. Assignments.
3. Class tests
4. Semester examination
5. **Internal assessment (25 Marks) & Semester Examination (75 Marks) & Total Marks-100.**

11. Induction 2021 SEST



Sherin Zafar <zafarsherin@gmail.com>

Invitation for Induction Program

3 messages

S. Naaz . <snaaz@jamiyahamdard.ac.in>

Tue, Sep 28, 2021 at 11:13 PM

To: fsiddiqui <fsiddiqui@jamiyahamdard.ac.in>, snaaz <snaaz@jamiyahamdard.ac.in>, parul agarwal <parul.pragna4@gmail.com>, erkhan2007 <erkhan2007@gmail.com>, "J.Ahmed2047" <jahmed2047@jamiyahamdard.ac.in>, Harleen <harleen_k1@rediffmail.com>, shabinaghafir <shabinaghafir@gmail.com>, "bhavya.alankar" <bhavya.alankar@gmail.com>, safdartaanweer <safdartaanweer@yahoo.com>, "Simply Ahad..." <itsmeahad@gmail.com>, suraiyahusain <suraiyahusain@yahoo.co.in>, Tabrez Nafis <tabrez.nafis@gmail.com>, Shahaab Ashraf <shahaabash@gmail.com>, sibtain khalid <Sibtain1977@gmail.com>, Tabish <tabishmufti@yahoo.com>, Gautami Tripathi <gautami1489@gmail.com>, Aqeel Khalique <aqeelkhalique@gmail.com>, Anam Saiyeda <anam.saiyeda@jamiyahamdard.ac.in>, Dr Sapna Jain <mailto:sapnajain@rediffmail.com>, Richa Gupta <guptaricha_it@yahoo.co.in>, Richa Gupta <richagupta@jamiyahamdard.ac.in>, sherin zafar <zafarsherin@gmail.com>, Zeeshan Haq <aliz.inam@gmail.com>, "I.Hussain" <ihussain@jamiyahamdard.ac.in>, Faraz Doja <farazdoja@jamiyahamdard.ac.in>, samar wazir <Samar.wazir786@gmail.com>, Nafisur Rahman <nafis@gmail.com>, neha neha <neha@jamiyahamdard.ac.in>, "Dr. Khyati Chopra" <dkchopra@jamiyahamdard.ac.in>, anil kr Mahto <anil.fiem16@gmail.com>, Shah Alam <shahimranalam@gmail.com>, Naved Alam <navedfzd@gmail.com>, Amit Bhooshan <amit.bhooshan84@gmail.com>, Piyush Kumar Gupta <piyush4talkin@gmail.com>, Nida Iftikhar <nids2212@gmail.com>, ali mehdi <alimehdi777@gmail.com>, tabrej ahamed Khan <tabrejsmvd@gmail.com>, pooja gupta <pooja.gupta@jamiyahamdard.ac.in>, Maria Afzal <mariaafzal0105@gmail.com>, Waseem Khan <wkhanphy@gmail.com>, SOHRAB ALI <m.sohrabali@gmail.com>, ayesha kamal <kamalaayesha1@gmail.com>, Taqdees Fatimah <royal.taqdees@gmail.com>, Refia Wiquar <refiawiquar@gmail.com>, SHADAB em <1234.shadab@gmail.com>, shahaab saquib sohail <shahaabsaquihsahail@gmail.com>, neha vaid <nehavaid2311@gmail.com>, Samia Khan <samia.khan20@gmail.com>, Omair Ahmad <omair.4ahmad@gmail.com>, NASEEM RAO <naseemjmi0786@gmail.com>, Shakeel Ahmad <siddiquishakeelahmad@gmail.com>, Asfia Aziz <asfiaaziz@yahoo.co.in>, Sameena Bano <sameenabano01@gmail.com>, DR Irfan Ahmad <irfanplsr@gmail.com>, aslamparwez.jmi@gmail.com, drakbarali@jamiyahamdard.ac.in, drntabassum@jamiyahamdard.ac.in, "Dr. Siddhartha Sankar Biswas" <ssbiswas@jamiyahamdard.ac.in>, mdaaslamparwez@jamiyahamdard.ac.in, Abdul Manazir <abdulmanazir@gmail.com>, mohdnazim@jamiyahamdard.ac.in, naztech1983@gmail.com

Dear Colleagues!!

As we are all aware AICTE has made induction program an integral part of the model curriculum and specified that the normal classes of the first-year engineering students shall begin after they have undergone orientation.

The Department of Computer Science and Engineering, SEST is going to organize a 3 week orientation program from 1st October to 21st October, 2021 for the B.Tech students which will consist of Online Activities including: Learning an Art Form; Literature & Cinema; Social Awareness; Lectures & Discussions; Universal Human Values; Familiarization to Department/Branch, College & Innovations. This adoption will be advantageous for the students to enhance their skills and employability.

The induction program will be inaugurated by Honourable Vice Chancellor Jamia Hamdard Prof. M. Afshar Alam.

All are cordially invited to attend this event. It will be hosted on Google Meet Platform and will be broadcasted LIVE through Youtube. The maximum participation through the Google Meet link is 100, participants who would be not able to join through the meet link can join YouTube LIVE streaming of the event.

Please find attached the schedule of the first week.

Inauguration of Induction Program
Friday, October 1 · 10:00 – 11:00am
Google Meet joining info
Video call link: <https://meet.google.com/bmb-gner-hmx>
<https://youtu.be/2xltzqj3sho>
Warm Regards,

Dr. Sameena Naaz

Associate Professor
Department of CSE, SEST
Jamia Hamdard
New Delhi 110062
Senior Member, IEEE
Mobile: 8178839911, 9899368267

2 attachments

 **Week 1 Schedule.docx**
22K

 **Schedule First Week Induction 2021.pdf**
278K

Sherin Zafar <zafarsherin@gmail.com> Thu, Sep 30, 2021 at 1:33 PM
To: onais ahmad <onaisahmad@gmail.com>, Pravendra Singh <ps Yadav@jamiyahamdard.ac.in>

Dr.Sherin Zafar
Assistant Professor
Department of CSE, SEST, Jamia Hamdard
[Quoted text hidden]

2 attachments

 **Week 1 Schedule.docx**
22K

 **Schedule First Week Induction 2021.pdf**
278K

S. Naaz . <snaaz@jamiyahamdard.ac.in> Fri, Oct 1, 2021 at 9:31 AM

To: fsiddiqui <fsiddiqui@jamiyahamdard.ac.in>, snaaz <snaaz@jamiyahamdard.ac.in>, parul agarwal <parul.pragna4@gmail.com>, erkhan2007 <erkhan2007@gmail.com>, "J.Ahmed2047" <jahmed2047@jamiyahamdard.ac.in>, Harleen <harleen_k1@rediffmail.com>, shabinaghafir <shabinaghafir@gmail.com>, "bhavya.alankar" <bhavya.alankar@gmail.com>, safdartaanweer <safdartaanweer@yahoo.com>, "Simply Ahad..." <itsmeahad@gmail.com>, suraiyahusain <suraiyahusain@yahoo.co.in>, Tabrez Nafis <tabrez.nafis@gmail.com>, Shahab Ashraf <shahabash@gmail.com>, sibtain khalid <Sibtain1977@gmail.com>, Tabish <tabishmufti@yahoo.com>, Gautami Tripathi <gautami1489@gmail.com>, Aqeel Khalique <aqeelkhalique@gmail.com>, Anam Saiyeda <anamsaiyeda@jamiyahamdard.ac.in>, Dr Sapna Jain <mailto:sapnajain@rediffmail.com>, Richa Gupta <guptaricha_it@yahoo.co.in>, Richa Gupta <richagupta@jamiyahamdard.ac.in>, sherin zafar <zafarsherin@gmail.com>, Zeeshan Haq <aliz.inam@gmail.com>, "I.Hussain" <ihussain@jamiyahamdard.ac.in>, Faraz Doja <farazdoja@jamiyahamdard.ac.in>, samar wazir <Samar.wazir786@gmail.com>, Nafisur Rahman <nafisur@gmail.com>, neha neha <neha@jamiyahamdard.ac.in>, "Dr. Khyati Chopra" <dkchopra@jamiyahamdard.ac.in>, anil kr Mahto <anil.fiem16@gmail.com>, Shah Alam <shahimranalam@gmail.com>, Naved Alam <navedfzd@gmail.com>, Amit Bhooshan <amit.bhooshan84@gmail.com>, Piyush Kumar Gupta <piyush4talkin@gmail.com>, Nida Iftekhar <nids2212@gmail.com>, ali mehdi <alimehdi777@gmail.com>, tabrej ahamed Khan <tabrejsmvd@gmail.com>, pooja gupta <pooja.gupta@jamiyahamdard.ac.in>, Maria Afzal <mariaafzal0105@gmail.com>, Waseem Khan <wkhanphy@gmail.com>, SOHRAB ALI <m.sohrabali@gmail.com>, ayesha kamal <kamalaayasha1@gmail.com>, Taqdees Fatimah <royal.taqdees@gmail.com>, Refia Wiquar <refiawiquar@gmail.com>, SHADAB em <1234.shadab@gmail.com>, shahab saquib sohail <shahabsaquibsohail@gmail.com>, neha vaid <nehavaid2311@gmail.com>, Samia Khan <samia.khan20@gmail.com>, Omair Ahmad <omair.4ahmad@gmail.com>, NASEEM RAO <naseemjmi0786@gmail.com>, Shakeel Ahmad <siddiquishakeelahmad@gmail.com>, Asfia Aziz <asfiaaziz@yahoo.co.in>, Sameena Bano <sameenabano01@gmail.com>, DR Irfan Ahmad <irfanplsr@gmail.com>, aslamparwez.jmi@gmail.com, Dr Akbar Ali <drakbarali@jamiyahamdard.ac.in>, "Dr. Nazia Tabassum" <drntabassum@jamiyahamdard.ac.in>, "Dr. Siddhartha Sankar Biswas" <ssbiswas@jamiyahamdard.ac.in>, Dr MD Aslam Parwez <mdaslamparwez@jamiyahamdard.ac.in>, Abdul Manazir <abdulmanazir@gmail.com>, Mohd Nazim <mohdnazim@jamiyahamdard.ac.in>, naztech1983@gmail.com

A gentle reminder.
[Quoted text hidden]



Sherin Zafar <zafarsherin@gmail.com>

Invitation for Valedictory Function

1 message

S. Naaz . <snaaz@jamiyahamdard.ac.in>

Wed, Oct 20, 2021 at 10:41 PM

To: fsiddiqui <fsiddiqui@jamiyahamdard.ac.in>, snaaz <snaaz@jamiyahamdard.ac.in>, "P. Agarwal" <pagarwal@jamiyahamdard.ac.in>, erkhan2007 <erkhan2007@gmail.com>, "J.Ahmed2047" <jahmed2047@jamiyahamdard.ac.in>, harleen kaur <harleen@jamiyahamdard.ac.in>, "S.Ghafir" <sghafir@jamiyahamdard.ac.in>, "B.Alankar" <balankar@jamiyahamdard.ac.in>, safdartaanweer <safdartaanweer@yahoo.com>, "Dr. Mohd Abdul Ahad" <aahad@jamiyahamdard.ac.in>, suraiya parveen <suraiya@jamiyahamdard.ac.in>, "T.Nafis" <tabrez.nafis@jamiyahamdard.ac.in>, Shahab Ashraf <shahabash@gmail.com>, sibtain khalid <Sibtain1977@gmail.com>, Tabish <tabishmufti@yahoo.com>, "Dr. Siddhartha Sankar Biswas" <ssbiswas@jamiyahamdard.ac.in>, Gautami Tripathi <gautami1489@gmail.com>, Aqeel Khaliq <aqeelkhaliq@gmail.com>, Anam Saiyeda <anamnsaiyeda@jamiyahamdard.ac.in>, Dr Sapna Jain <drsapnajain@jamiyahamdard.ac.in>, Richa Gupta <richagupta@jamiyahamdard.ac.in>, sherin zafar <zafarsherin@gmail.com>, Zeeshan Haq <aliz.inam@gmail.com>, "I.Hussain" <ihussain@jamiyahamdard.ac.in>, Faraz Doja <farazdoja@jamiyahamdard.ac.in>, samar wazir <Samar.wazir786@gmail.com>, Nafisur Rahman <nafisurrahman@jamiyahamdard.ac.in>, neha neha <neha@jamiyahamdard.ac.in>, "Dr. Khyati Chopra" <dkchopra@jamiyahamdard.ac.in>, anil kr Mahto <anil.fiem16@gmail.com>, Shah Alam <shahimranalam@gmail.com>, Naved Alam <navedfzd@gmail.com>, Amit Bhooshan <amit.bhooshan84@gmail.com>, Piyush Kumar Gupta <piyush4talkin@gmail.com>, nida.hamdard2212@gmail.com, ali mehdi <alimehdi777@gmail.com>, tabrej ahamed Khan <tabrejsmdu@gmail.com>, pooja gupta <pooja.gupta@jamiyahamdard.ac.in>, Maria Afzal <mariaafzal@jamiyahamdard.ac.in>, Waseem Khan <wkhanphy@gmail.com>, SOHRAB ALI <m.sohrabali@gmail.com>, ayesha kamal <kamalaayesha1@gmail.com>, taqdees fatima <royal.taqdees@gmail.com>, Refia Wiqar <refiawiqar@gmail.com>, shadab alam <1234.shadab@gmail.com>, shahab saquib sohail <shahabsaquibsohail@gmail.com>, dmehavaid@jamiyahamdard.ac.in, Samia Khan <samiakhan@jamiyahamdard.ac.in>, Omair Ahmad <omair.4ahmad@gmail.com>, NASEEM RAO <naseemjmi0786@gmail.com>, Shakeel Ahmad <siddiquishakeelahmad@gmail.com>, Asfia Aziz <asfiaaziz@yahoo.co.in>, Sameena Bano <sameenabano01@gmail.com>, Dr MD Aslam Parwez <mdaslamparwez@jamiyahamdard.ac.in>, Dr Akbar Ali <drakbarali@jamiyahamdard.ac.in>, "Dr. Nazia Tabassum" <drntabassum@jamiyahamdard.ac.in>, Abdul Manazir <abdulmanazir@gmail.com>, Mohd Nazim <mohdnazim@jamiyahamdard.ac.in>, javed@jamiyahamdard.ac.in

Dear Colleagues!!

The Department of Computer Science and Engineering, SEST organized a 3 week orientation program from 1st October to 21st October, 2021 for the B.Tech and MCA students, which consisted of Online Activities including: Learning an Art Form; Literature & Cinema; Social Awareness; Lectures & Discussions; Universal Human Values; Familiarization to Department/Branch, College & Innovations.

All teachers who do not have classes in the morning schedule, are cordially invited to attend the valedictory function of the online Induction program 2021.

Valedictory Program Induction 2021

Thursday, October 21 · 10:00 – 10:30pm

Google Meet joining info

Video call link: <https://meet.google.com/okg-eumk-aab>

Or dial: (US) +1 929-445-3495 PIN: 606 571 279#

Valedictory Schedule

10:00 am – Welcoming all for B.Tech and MCA Induction 2021 Valedictory Program by Dr. Sherin Zafar

10:02 am - Recitation of Holy Quran by Mr. Nafisur Rehman, Assistant Professor, CSE, SEST

10:05 am – Valedictory Address and Prize Distribution by Dr. Farheen Siddiqui, HOD, CSE, SEST

10:20 am - Closing Remarks by Dr. Sameena Naaz, Associate Professor, Induction Coordinator, SEST, Jamia Hamdard

10:25 am - Vote of Thanks by Ms. Gautami Tripathi, Assistant Professor, CSE, SEST, Jamia Hamdard

10:30 am – National Anthem

Warm Regards,

Dr. Sameena Naaz
Associate Professor
Department of CSE, SEST
Jamia Hamdard
New Delhi 110062
Senior Member, IEEE
Mobile: 8178839911, 9899368267

JAMIA HAMDARD
Department of Computer Science & Engineering
School of Engineering Sciences & Technology
New Delhi-110062

Online Induction Program
1st October 2021 -21st October 2021

Schedule:1st October-8th October 2021

	Time	Activity
1 st October FRIDAY	10:00 am - 11:00 am	Induction Inaugural Schedule 10:00 am – Welcoming all for B.Tech Induction Program 2021 10:02 am - Recitation of Holy Quran by Mr. Nafisur Rehman, Assistant Professor, CSE, SEST 10:05 am - Welcome Address by Dr. Farheen Siddiqui, HOD, CSE, SEST 10:10 am - Opening Remarks by Dr. Sameena Naaz, Associate Professor, Induction Coordinator, SEST, Jamia Hamdard 10:15 am – Inaugural Address by Honorable Vice Chancellor, Jamia Hamdard, Prof. (Dr.) M. Afshar Alam 10:25 am- Short Video @SEST, Jamia Hamdard 10:30 am - Vote of Thanks by Dr. Sherin Zafar, Assistant Professor, Induction Coordinator, CSE, SEST, Jamia Hamdard 10:35 am – National Anthem
4 th October MONDAY	09:00 am – 1:00 pm	BTCSE SEC A Dr. Irfan Ahmad BTCSE SEC B Mr. Pravendra Singh Mr. Onais Ahmad BTCSE SEC C Dr. Khyati Chopra BTCSE SEC D Zeeshan Ali Haq Dr. Mohd. Shadab Alam

		<p>BTCSE AI Dr. Akbar Ali BTECE Dr. Amit Bhooshan Singh Ms. Samia Khan</p> <p>Invited Lecture: Ms. Gautami Tripathi Topic: Unnat Bharat Abhiyan at Jamia Hamdard 11-12 pm</p> <p>Invited Lecture: Ms. Anam Saiyeda Topic: Current trends in Computer Science 12 – 1pm</p>
5th October TUESDAY	Time	Activity
	09:00 am - 1:00 pm	<p>BTCSE SEC A Dr. Khyati Chopra BTCSE SEC B Dr. Irfan Ahmad BTCSE SEC C Dr. Waseem Khan BTCSE SEC D Dr. Shakeel Ahmad Siddiqui BTCSE AI Dr. Mohd. Shadab Alam BTECE Dr. Amit Bhooshan Singh</p> <p>Invited Lecture: Dr. Harleen Kaur Topic- Introduction to Data Science 11-12 pm</p> <p>Invited Lecture: Dr. Parul Agarwal Topic-Advances in Machine Learning 12-1 pm</p>
6th October WEDNESDAY	Time	Activity
	09:00 am - 1:00 pm	<p>BTCSE SEC A Dr. Irfan Ahmad BTCSE SEC B Dr. Khyati Chopra BTCSE SEC C Dr. Waseem Khan BTCSE SEC D</p>

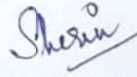
		<p>Dr. Akbar Ali BTCSE AI Dr. Syed Shahabuddin Ashraf Ms. Neha BTECE Dr. Shakeel Ahmad Siddiqui</p> <p>Invited Lecture: Dr. Harleen Kaur Topic-Applied Machine Learning 11-12 pm</p> <p>Invited Lecture: Mr. Tabish Mufti Topic - The role of Telemedicine in post Covid era 12-1pm</p>
7th October THURSDAY	Time	Activity
	09:00 am - 1:00 pm	<p>BTCSE SEC A Dr. Khyati Chopra BTCSE SEC B Dr. Irfan Ahmad BTCSE SEC C Dr. Shadab Alam BTCSE SEC D Dr. Waseem Khan BTCSE AI Ms. Neha BTECE Ms. Samia Khan</p> <p>Invited Lecture: Ms. Samia Khan Topic – Evolution of Generation from 1G-5G 11-12pm</p> <p>Invited Lecture: Mr. Nafisur Rehman Topic: Universal Human Values 12-1pm</p>

8 th October FRIDAY	Time	Activity
	09:00 am - 1:00 pm	BTCSE SEC A Dr. Akbar Ali Mr. Pravendra Singh Mr. Onais Ahmad BTCSE SEC B Dr. Shadab Alam BTCSE SEC C Dr. Waseem Khan BTCSE SEC D Dr. Shakeel Ahmad Siddiqui BTCSE AI Dr. Syed Shahabuddin Ashraf BTECE Ms. Samia Khan Invited Lecture: Dr. Sapna Jain Topic – Save Ozone, Save Earth 11-12 pm Invited Lecture: Dr. Akbar Ali Topic – Importance of Mathematics in Engineering Field 12-1pm

*Note: Teachers of respective sections whose names are mentioned above should coordinate with faculties giving invited lectures for google meet links generation and YouTube live.



Dr. Sameena Naaz
Coordinator Induction Program



Dr. Sherin Zafar
Coordinator Induction Program



Dr. Farheen Siddiqui
HOD, CSE



Certificate Of Appreciation

EPOCH
LITERARY AND CULTURAL SOCIETY
JAMIA HAMDARD, NEW DELHI

FRESHERS' CONCLAVE

THIS IS HEREBY AWARDED TO

Zubair Alam

For his participation in the OPEN MIC EVENT of Epoch's Freshers Conclave during the Induction Program of SEST, Jamia Hamdard University, held on 14 October 2021

MS. GAUTAMI TRIPATHI

Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR

Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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Puqaiyya Aslam

For her participation in the OPEN MIC EVENT of Epoch's Freshers Conclave during the Induction Program of SEST, Jamia Hamdard University, held on 14 October 2021

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School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR

Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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Rupal Arya

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Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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Nashrah Abbasi

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Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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Mustufa Adil

For his participation in the OPEN MIC EVENT of Epoch's Freshers Conclave during the Induction Program of SEST, Jamia Hamdard University, held on 14 October 2021

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Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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FRESHERS' CONCLAVE

THIS IS HEREBY AWARDED TO

Mohd. Momin

For his participation in the OPEN MIC EVENT of Epoch's Freshers Conclave during the Induction Program of SEST, Jamia Hamdard University, held on 14 October 2021

MS. GAUTAMI TRIPATHI
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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FRESHERS' CONCLAVE

THIS IS HEREBY AWARDED TO

Anhad Grover

For his participation in the OPEN MIC EVENT of Epoch's Freshers Conclave during the Induction Program of SEST, Jamia Hamdard University, held on 14 October 2021

MS. GAUTAMI TRIPATHI
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



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FRESHERS' CONCLAVE

THIS IS HEREBY AWARDED TO

Amrit Kaul

For his participation in the OPEN MIC EVENT of Epoch's Freshers Conclave during the Induction Program of SEST, Jamia Hamdard University, held on 14 October 2021

MS. GAUTAMI TRIPATHI
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR
Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

REC Sherin zafar is presenting

Adnan Khan Post Box.pdf - Adobe Reader

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
SCHOOL OF ENGINEERING SCIENCES & TECHNOLOGY
JAMIA HAMDARD, NEW DELHI
(Deemed to be University)

Induction 2021 CERTIFICATE

THIS IS TO CERTIFY THAT

Adnan Khan (B.Tech CSE)

has been winner in Beatbox activity of online Induction Program held from 01-10-2021 to 21-10-2021, organized by Department of CSE, SEST, Jamia Hamdard, New Delhi.

Prof. M. Afshar Alam Dr. Farheen Siddiqui Dr. Sameera Naaz Dr. Sherin Zafar
Coordinator

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10:07 AM | okg-eumk-aab

People:

- Nafisur Rahman
- Sherin zafar
- Nashrah Abbas...
- Maseera Fatim...
- Affan Yousof Si...
- Masrhan Kha...
- Mustafa Adil AI
- MdZabair An...
- Talha Nauman S...
- Syed Ameen Ah...
- Naima Gouhar
- Siddiqui farh...
- Warda Farhan
- MOHD RAYAN
- Rokeya Jahan AL...
- AFIFA Tanweer
- 83 others
- You
- Minimize

REC Sherin zafar is presenting

inbox (191) - mizubairalam1271 x (1) WhatsApp x Meet - okg-eumk-aab x New Tab x

meet.google.com/okg-eumk-aab

Tav Shubh Naamey

Mustafa Adil AI Sherin zafar

Maseera Fatim... Md Adnan Kha...

Nashrah Abbas... Adnan Grover

93 others

10:25 AM | okg-eumk-aab

People

- Gautam Kashyap
- Gautami Tripathi
- HADIS HUSAIN CSE-B
- Hamza Ayaz Khan BTCSE...
- HUMERA KHAN CSE-B
- IMAMUDDIN KHAN CSE-B
- Jatin CSE-B
- Jatin Kaushik
- Jed khan AI
- Jignesh Sabharwal

10:25 AM | okg-eumk-aab

25°C Haze

10/21/2021

REC Sherin zafar is presenting

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SCHOOL OF ENGINEERING SCIENCES & TECHNOLOGY
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Induction 2021 CERTIFICATE

THIS IS TO CERTIFY THAT

Mustafa Adil (B.Tech CSE-AI)

has been winner in SherShayari activity of online Induction Program
held from 01-10-2021 to 21-10-2021, organized by
Department of CSE, SEST, Jamia Hamdard, New Delhi.

Prof. M. Afshar Alam *Dr. Farheen Siddiqui* *Dr. Sameera Naaz* *Dr. Sherin Zafar*
Prof. M. Afshar Alam Dr. Farheen Siddiqui Dr. Sameera Naaz Dr. Sherin Zafar
Coordinator

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Warda Farhan has left the meeting

10:08 AM | okg-eumk-aab

Nafisur Rahman Sherin zafar Nashrah Abba...
Masroora Fatim... Affan Yousuf Si... Md Adnan Khan ...
Mustafa Adil AI Md Zubair A... Talha Nauman S...
Syed Amaan Ah... Naima Gauhar Siddiqui farh...
Falak Jabin MOHD RAYAN Rokeya Jahan AL...
Aayushi Arya C... 83 others You

REC Sherin zafar is presenting

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(Deemed to be University)

Induction 2021 CERTIFICATE

THIS IS TO CERTIFY THAT

Mustafa Adil (B.Tech CSE-AI)

has been winner in SherShayari activity of online Induction Program
held from 01-10-2021 to 21-10-2021, organized by
Department of CSE, SEST, Jamia Hamdard, New Delhi.

Prof. M. Afshar Alam *Dr. Farheen Siddiqui* *Dr. Sameera Naaz* *Dr. Sherin Zafar*
Prof. M. Afshar Alam Dr. Farheen Siddiqui Dr. Sameera Naaz Dr. Sherin Zafar
Coordinator

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10:08 AM | okg-eumk-aab

Nafisur Rahman Sherin zafar Nashrah Abba...
Masroora Fatim... Affan Yousuf Si... Md Adnan Khan ...
Mustafa Adil AI Md Zubair A... Talha Nauman S...
Syed Amaan Ah... Naima Gauhar Siddiqui farh...
Falak Jabin MOHD RAYAN Rokeya Jahan AL...
Aayushi Arya C... 83 others You

REC Sherin zafar is presenting

Nafisur Rahman Sherin zafar Nashrah Abba...

Masroora Fatim... Affan Yousuf Si... Me Adnan Kha...

Muhammad Agha Al... Md Zubair Ah... Talha Nauman S...

Syed Ameen Ah... Naima Gauhar Siddiqui farh...

Falak Jabin MOHD RAYAN Rokeya Jahan AL...

Aayushi Arya C... 83 others You

10:08 AM | okg-eumk-aab

REC Sherin zafar is presenting

Nafisur Rahman Sherin zafar Nashrah Abba...

Masroora Fatim... Affan Yousuf Si... Me Adnan Kha...

Muhammad Agha Al... Md Zubair Ah... Talha Nauman S...

Syed Ameen Ah... Naima Gauhar Siddiqui farh...

Falak Jabin MOHD RAYAN Rokeya Jahan AL...

Aayushi Arya C... 83 others You

10:08 AM | okg-eumk-aab

REC

10:09 AM | okg-eumk-aab

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🔊 👤 📧 🗑️

12. Advanced CPP



भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545

फैक्स/Fax : (+91-22) 2572 3480

वेबसाइट/Website : www.iitb.ac.in

IIT Bombay

CERTIFICATE OF SPOKEN TUTORIAL (ST) TRAINING

Date : 06/05/2022

To,
The Principal,
Jamia Hamdard (Hamdard University),
Hamdard Nagar, Delhi – 110062.

Subject - 2019-2022 Status of Training done in collaboration with IIT Bombay – ST (Spoken Tutorial)

As per agreement between **Jamia Hamdard (Hamdard University)**, and Spoken Tutorial IT/Software Training Program by IIT Bombay initiated by National Mission on Education through ICT, Ministry of Education, Govt. of India to promote IT literacy through Open Source Software.

The students of **Jamia Hamdard (Hamdard University)**, have enrolled in various FOSS (Free and Open Source Software) developed and certified by IIT-Bombay during academic session 2019-2022.

Details of students enrolled in various FOSS under Spoken Tutorial IT/Software Training Program during academic session 2019-2022.

Total number of Training during the academic year 2019-2022 are -**26** .

Total number of Online test during the academic year 2019-2022 are -**71**.

Total number of participants for test during the academic year 2019-2022 are - **2238**.

For and On behalf of
Spoken Tutorials,
Indian Institute of Technology, Bombay

Akanksha Saini



Mrs. Akanksha Saini
National Coordinator
Spoken Tutorial Project, IIT Bombay

The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new **FLOSS** (Free/Libre and Open Source Software)

Target Group

- Students- High School and College
- Working professional- Software users, developers and trainers
- Research scholars
- Community at large

Workshops

The Spoken Tutorial Project Team conducts workshops on C and C++ and other FLOSS using spoken tutorials and gives certificates to those who pass an online test. For more details, please visit <https://spoken-tutorial.org>

Forum

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Forum help available to all learners

Content available in 22 Indian languages



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About C

C is a general-purpose programming language, initially developed by Dennis Ritchie between 1969 and 1973 at Bell Labs. Its design provides constructs that map efficiently to typical machine instructions. C is one of the most widely used programming language and there are very few computer architectures for which a C compiler does not exist.

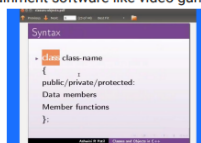
Features

- C has facilities for structured programming and allows lexical variable scope and recursion.
- All executable code is contained within subroutines, called "functions."
- C program source text is free-format, using the semicolon as a statement terminator and curly braces for grouping blocks of statements.
- Typing is static, but weakly enforced: all data has a type, but implicit conversions can be performed; for instance, characters can be used as integers.
- Complex functionality such as I/O, string manipulation, and mathematical functions are easy to implement with library routines.

About C++

- C++ is a statically typed, free-form, compiled, general-purpose programming language. It was developed by Bjarne Stroustrup starting in 1979, at Bell Labs.
- It adds object-oriented features such as classes, and other enhancements to the C programming language.

- The language began as enhancements to C, first adding classes, then virtual functions, operator overloading, multiple inheritances, templates, and exception handling among other features.
- C++ is also one of the most popular programming languages and can be implemented on most hardware and OS platforms.
- As an efficient compiler to native code, its application domains include:
 - Systems software
 - Application software
 - Device drivers
 - Embedded software
- High-performance server and client applications
- Entertainment software like video games



Features

- **Classes:** By using classes, we can create user-defined data types. A class is the collection of a set of data and code. An object is the instance of a class.
- **Inheritance:** Allows one data type to acquire properties of other data types. This provides the idea of reusability, that means we can add new features to an existing class without

modifying it.

- **Data Abstraction and Encapsulation:** Encapsulation means hiding data from the data structures. Here, the data is accessible to only the functions that are allowed to access it. Abstraction means representing essential features without including background details.
- **Polymorphism:** means one interface can be used for multiple implementations, so that object can behave differently for each implementation.
- **Dynamic Binding:** At runtime, the code matching the object under the current reference will be called.

C and C++ Advantages

- **Powerful and flexible:** C/C++ are used for developing operating systems, compilers, parsers, interpreters, word processors, search engines and graphic programs.
- **Support:** C requires less runtime support
- **Portable programming language:** A variety of C/C++ programs written for one computer system can be compiled and run on another system, with little or no change.
- **Modular:** Written in routines called functions and classes (C++), programs can be used in other applications or programs.
- **Preferred by professional programmers:** A variety of C/C++ resources and helpful supports are widely available.
- **Standardised:** Many standards have been documented, maintained and updated for C and C++ as standard references.

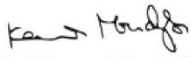


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January 22nd 2022


Prof. Kannan M Moudgalya
IIT Bombay

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13. Python



What is Python?

Python is a general purpose, high level, remarkably powerful dynamic programming language used in a wide variety of application domains.

Why Python?

- Easy to read and learn
- Free and Open Source
- Useful for scientific computing
- Powerful interactive interpreter
- Extensive scientific libraries
- Well documented

Where can you use Python?

- Numeric and Symbolic computation
- 2D/3D Plotting
- User interfaces
- Parallel computing
- Machine Learning and Image Processing
- Game development
- Web development
- Much more...

Who uses Python?

- Google
- Yahoo
- Walt Disney
- NASA
- IBM
- YouTube
- nVIDIA
- Software - Blender, Motion Builder, Cinema 4D, etc.
- Games - Battle field 2 by EA sports, Crystal space 3D, etc.

Python is one of the most popular programming languages today, and therefore has been included in the CBSE curriculum. It easily performs tasks that proprietary tools like Matlab and Mathematica offer. Today leading companies are using Python extensively, hence there are better job opportunities. Learn Python, and grab the Opportunity!



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How can you learn Python

- **Spoken Tutorial** - The FOSSEE project has created a series of Spoken Tutorials on Python. These are available for learning, on the Spoken Tutorial website, free of cost. You can access these tutorials from this link

python.fossee.in/spoken-tutorials

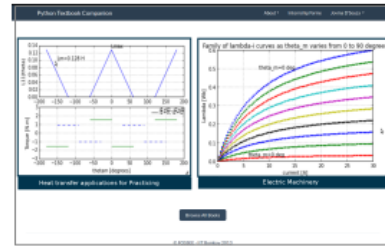


Spoken Tutorial website

- **Textbook Companion Internship** - Learn Python in a practical way by contributing to the Python Textbook Companion Internship. It aims to create Companions by coding solved examples from Standard textbooks, using Python. Participate and earn attractive honoarium and Certificate of Internship from FOSSEE, IIT Bombay! For more details, please visit:

python.fossee.in/textbook-companion-project

Completed Book : Approx 453 books
Under Progress : Approx 113 books



Python Textbook Companion website

- **SELF Workshops** - The Spoken Tutorial Team conducts workshops on Python. These are completely free of cost, and are conducted without the need of any domain expert. Learn Python and obtain a certificate from Spoken Tutorial Project, IIT Bombay, upon successful completion of the post-workshop evaluation test. Please visit:

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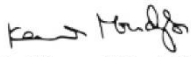


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February 9th 2022


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IIT Bombay

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14. Java

The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new **FLOSS** (Free/Libre and Open Source Software)

Target Group

- Students- High School and College
- Working professional- Software users, developers and trainers
- Research scholars
- Community at large

Workshops

The Spoken Tutorial Project Team conducts workshops on Java and other FLOSS using spoken tutorials and gives certificates to those who pass an online test. For more details, please visit <https://spoken-tutorial.org>

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Introduction

- Java is the most popular class-based, object-oriented, high-level programming language.
- Developed by James Gosling at Sun Microsystems and released in 1995 as a core component of Sun Microsystems' Java platform.
- Derives much of its syntax from C and C++.
- Is typically compiled to bytecode (class file). It can be run on any Java Virtual Machine (JVM) regardless of the architecture.
- Is specifically designed to have few implementation dependencies.
- Is Intended to let application developers write a code that runs on one platform & does not need to be recompiled to run on another.

Java has characteristics of Object-Oriented languages

- **Inheritance:** Creating new classes & extending them to reuse the existing code and adding new features as needed.
- **Encapsulation:** combining the information and providing the abstraction.

- **Polymorphism:** Providing different functionality by the functions having the same name, based on the signatures of the methods.
- **Dynamic binding:** Providing maximum functionality to a program about the specific type at runtime.

Features

Platform independence:

Key feature of Java language is write-once-run-anywhere (WORA) concept. With Java, you can run the code written on any system.

Simplicity:

Programs are easy to write and debug. Java provides a bug-free system due to strong memory management.

Portability: Java feature write-once-run-anywhere makes it portable, provided that the system has an interpreter for JVM. Also, Java has standard data size irrespective of the OS or the processor.

Performance: Uses native code and lightweight process called threads. The advance version of JVM uses adaptive and just-in-time compilation technique to improve the total performance.

Distributed: Widely used protocols like HTTP and FTP are developed in Java. Internet programmers can call functions on these protocols and can access the files from

any remote machine on the internet, rather than writing codes on their local system.

Secure:

- Programs in Java run under an area known as the sandbox.
- Security manager determines the accessibility options of a class like reading and writing a file to the local disk.
- Uses public key encryption system to allow the java applications to transmit over the internet, in a secure and encrypted form.

• The bytecode verifier checks the classes after loading.

Robust:

- Java has
 - Strong memory allocation.
 - Automatic garbage collection mechanism.
 - Powerful exception handling.
 - Type-checking mechanism.

• A compiler that checks the program for any errors and interpreter checks any runtime errors and makes the system secure from crashes.

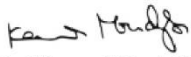


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February 4th 2022


Prof. Kannan M Moudgalya
IIT Bombay

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15. Introduction to Computers

About the Spoken Tutorial project

- Self explanatory - uses simple language
- Audio-video - uses multisensory approach
- Small duration - has better retention
- Learner-centered - learn at your own pace
- Learning by doing - learn and practice
- Simultaneous empowerment - learn a new FLOSS

Target Audience

Students

The Spoken Tutorial Project Team conducts workshops on Introduction to Computers and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

For more details, please write to contact@spoken-tutorial.org

The Spoken Tutorial Project is funded by the National Mission on Education through Information and Communication Technology, Ministry of Human Resource Development, Government of India.

Contact US:
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Website: <https://spoken-tutorial.org>



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Introduction to Computers

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Introduction

These Spoken Tutorials help the beginners to learn the basics about computer components and Using Gmail and Google drive. It is easy to learn for beginners

The following things are explained in this series

Computer
Various components of a computer and their connections
Connecting to a Printer and take a test print

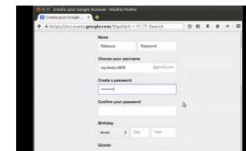
Gmail

Create a Gmail account
Compose Option for Emails
Format the email text.
Attach files to emails

Google Drive

Share files via Google Drive
Insert a photo or link into an email and about the Compose window options
Creating a document, a spreadsheet and a presentation

Uploading files & folders



Spoken Tutorials in Introduction to Computers series

Getting to know computers
Printer Connection
Introduction to Gmail
Compose Options for Email
Google Drive Options



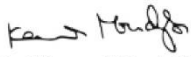
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January 24th 2022


Prof. Kannan M Moudgalya
IIT Bombay

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16. Arduino

The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new FLOSS (Free/Libre and Open Source Software)

Target Audience

High school, College and Engineering students

Pre-requisites for Basic level tutorials:

- Basic knowledge of electronics
- Electronic components and connections
- Knowledge of C programming

Additional Pre-requisites for Intermediate level tutorial:

- Assembly language

Workshops

The Spoken Tutorial Project Team conducts workshops on Arduino and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

For more details, please visit <https://spoken-tutorial.org>

Forum

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What is Arduino?

- Arduino is an open-source electronics platform used for building electronics projects.
- Arduino consists of both a physical programmable circuit board or microcontroller and a software IDE (Integrated Development Environment) that runs on the computer.
- It is used to write and upload computer code to the physical board.
- It is intended for making interactive projects.
- Download Arduino IDE from www.arduino.cc

Features of Arduino IDE

- Works on Linux, Windows and Mac operating systems
- Has many in-built functions that make programming simple and easy
- Easy to write code and upload it to the physical board
- Arduino IDE can be used with any Arduino board
- Can be easily adapted for IoT applications
- Arduino can be turned into IoT product by adding ESP8266 wifi module

Benefits of using Arduino Kit

- Arduino boards are less expensive compared to other microcontrollers platform.
- The Arduino programming environment is easy-to-use for beginners.
- For advanced users, the language can be expanded through C++ libraries and AVR-GCC programming language can be added to Arduino programs.
- The modules are published under a Creative Commons license, so circuit designers can make their own version of the module.

- Arduino platform was designed for hobbyists, students and professionals to create IoT applications that play in the human interface world using sensors, motors, etc.
- Arduino can interact with buttons, LEDs, LCDs, motors, speakers, cameras, TV and smartphones, etc.
- Arduino can be connected to one or more sensors to capture the data.



Spoken Tutorials in Arduino series

Basic Level

- Overview of Arduino
- Electronic components and connections
- Introduction to Arduino
- Arduino components and IDE
- First Arduino Program
- Arduino with Tricolor LED and Push button
- Arduino with LCD
- Display counter using Arduino
- Seven segment display
- Pulse Width Modulation
- Analog to Digital Conversion
- Wireless Connectivity to Arduino

Intermediate Level

- Assembly programming through Arduino
- Digital logic design with Arduino
- AVR-GCC programming through Arduino
- Interfacing LCD through AVR-GCC programming
- Mixing Assembly and C programming

Popular uses of Arduino

- Home automation (controlling lights, fans and other appliances) via Android smartphone
- Traffic light control
- PC controlled robotic arm
- Temperature controller
- Anti-theft camera system
- Automated irrigation system
- Feeder for Aquarium
- Garage parking
- Line follower robot

Components required to practise

Arduino Spoken Tutorials

1. Arduino UNO or Compatible Board (1 no.)
2. USB Power Cable (1 no.)
3. Resistor 220 ohms (6 nos.)
4. Resistor 10K Ohms (2 nos.)
5. Resistor 1K Ohms (4 nos.)
6. Breadboard (1 no.)
7. Tricolor LED Common Cathode (1 no.)
8. Red LED Common Cathode (1 no.)
9. Seven segment display - Common cathode (1 no.)
10. Seven segment display - Common anode (1 no.)
11. Decoder - IC 7447 (1 no.)
12. LCD 16 X 2 soldered with pin header (1 no.)
13. Jumper wires Male to Male (20 nos.)
14. Jumper wires Male to Female (8 nos.)
15. Potentiometer 10K Ohms (1 no.)
16. ESP8266 es01 WiFi Black color Module (1 no.)
17. DHT11 Temp_Humidity Sensor Module (1 no.)
18. L293D H-Bridge Motor driver IC (1 no.)
19. Toy Motor (1 no.)
20. Buzzer (1 no.)
21. Push Button Switch (2 nos.)

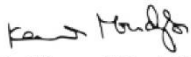


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January 22nd 2022


Prof. Kannan M Moudgalya
IIT Bombay

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17. Python 3.4.3



What is Python?

Python is a general purpose, high level, remarkably powerful dynamic programming language used in a wide variety of application domains.

Why Python?

- Easy to read and learn
- Free and Open Source
- Useful for scientific computing
- Powerful interactive interpreter
- Extensive scientific libraries
- Well documented

Where can you use Python?

- Numeric and Symbolic computation
- 2D/3D Plotting
- User interfaces
- Parallel computing
- Machine Learning and Image Processing
- Game development
- Web development
- Much more...

Who uses Python?

- Google
- Yahoo
- Walt Disney
- NASA
- IBM
- YouTube
- nVIDIA
- Software - Blender, Motion Builder, Cinema 4D, etc.
- Games - Battle field 2 by EA sports, Crystal space 3D, etc.

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django



IP[y]: IPython
Interactive computing



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How can you learn Python

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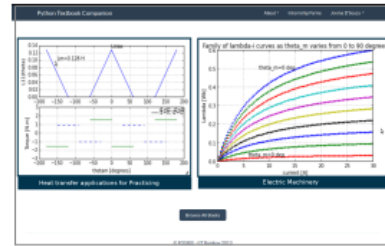


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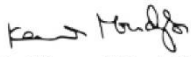


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18. CPP

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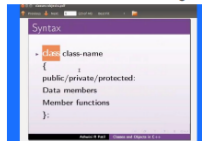
Features

- C has facilities for structured programming and allows lexical variable scope and recursion.
- All executable code is contained within subroutines, called "functions."
- C program source text is free-format, using the semicolon as a statement terminator and curly braces for grouping blocks of statements.
- Typing is static, but weakly enforced: all data has a type, but implicit conversions can be performed; for instance, characters can be used as integers.
- Complex functionality such as I/O, string manipulation, and mathematical functions are easy to implement with library routines.

About C++

- C++ is a statically typed, free-form, compiled, general-purpose programming language. It was developed by Bjarne Stroustrup starting in 1979, at Bell Labs.
- It adds object-oriented features such as classes, and other enhancements to the C programming language.

- The language began as enhancements to C, first adding classes, then virtual functions, operator overloading, multiple inheritances, templates, and exception handling among other features.
- C++ is also one of the most popular programming languages and can be implemented on most hardware and OS platforms.
- As an efficient compiler to native code, its application domains include:
 - Systems software
 - Application software
 - Device drivers
 - Embedded software
 - High-performance server and client applications
 - Entertainment software like video games



Features

- **Classes:** By using classes, we can create user-defined data types. A class is the collection of a set of data and code. An object is the instance of a class.
- **Inheritance:** Allows one data type to acquire properties of other data types. This provides the idea of reusability, that means we can add new features to an existing class without

modifying it.

- **Data Abstraction and Encapsulation:** Encapsulation means hiding data from the data structures. Here, the data is accessible to only the functions that are allowed to access it. Abstraction means representing essential features without including background details.
- **Polymorphism:** means one interface can be used for multiple implementations, so that object can behave differently for each implementation.
- **Dynamic Binding:** At runtime, the code matching the object under the current reference will be called.

C and C++ Advantages

- **Powerful and flexible:** C/C++ are used for developing operating systems, compilers, parsers, interpreters, word processors, search engines and graphic programs.
- **Support:** C requires less runtime support
- **Portable programming language:** A variety of C/C++ programs written for one computer system can be compiled and run on another system, with little or no change.
- **Modular:** Written in routines called functions and classes (C++), programs can be used in other applications or programs.
- **Preferred by professional programmers:** A variety of C/C++ resources and helpful supports are widely available.
- **Standardised:** Many standards have been documented, maintained and updated for C and C++ as standard references.

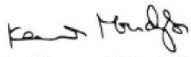


Certificate for Completion of Cpp Training

This is to certify that **MOHAMMAD MUZAMMIL KHAN** has successfully completed **Cpp** test organized at **Jamia Hamdard (Hamdard University)** by **Dr. Sherin Zafar** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.


SHERIN ZAFAR from **Jamia Hamdard (Hamdard University)** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

February 10th 2022



Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

19. Add on Course on Writing During The Pandemic Impact and Influence



JAMIA HAMDARD
Organizes



EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON


Writing During The Pandemic Impact and Influence

Benefits of course

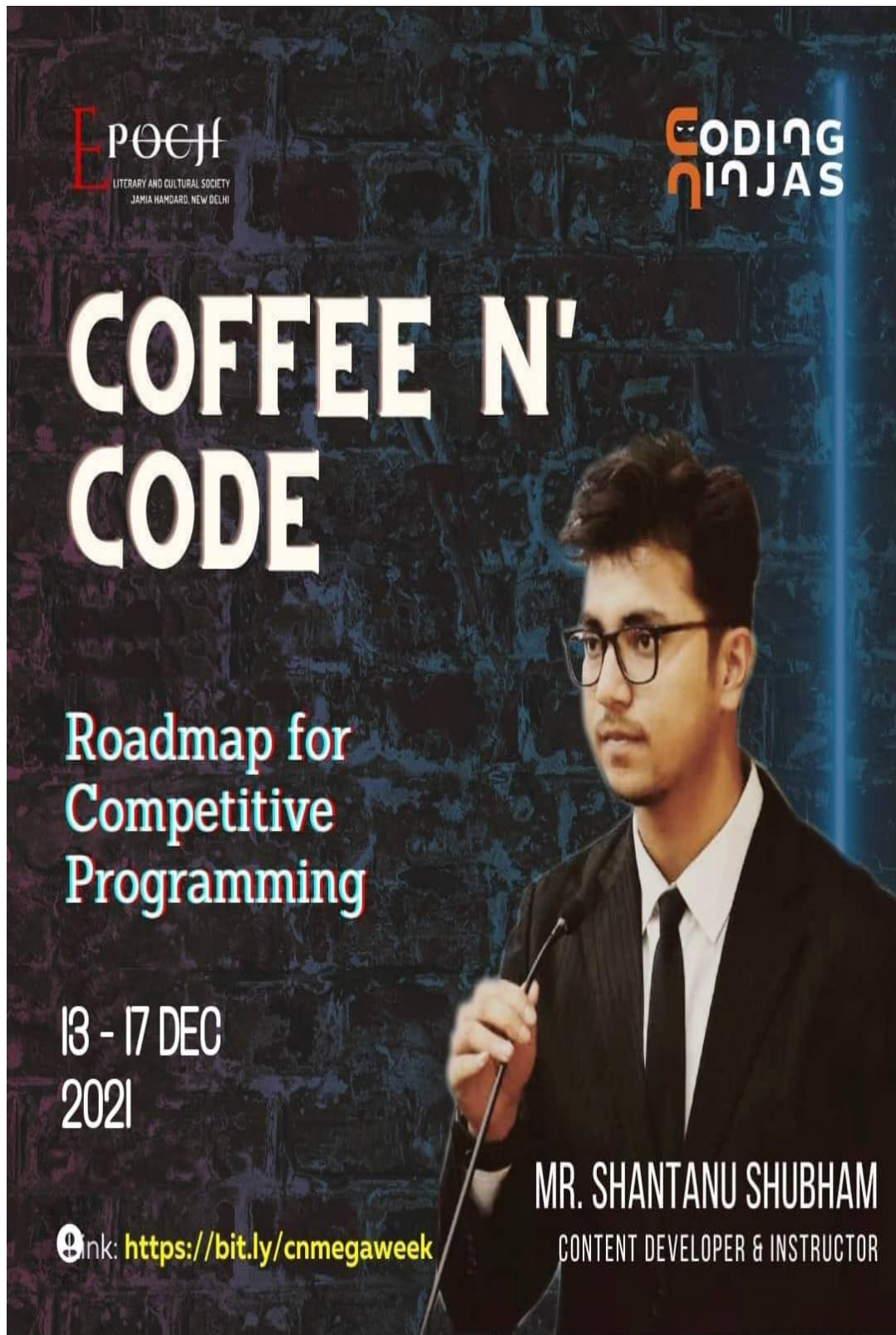
- A clear understanding of basic concepts of the subject
- Interactive Question-Answer Sessions
- e-Certificates for all!

Date : 14-19 May, 2022

**LECTURES BY DISTINGUISHED GUESTS
AND FACULTY!**



20. Coffee and Code Roadmap for Competitive Coding



The poster features a dark, textured background with a blue light streak on the right side. A man in a suit and glasses is shown from the chest up, holding a microphone. The text is arranged in a clear, hierarchical layout.

EPOCH
LITERARY AND CULTURAL SOCIETY
JAMIA HAMDARD, NEW DELHI

CODING NINJAS

COFFEE N' CODE

Roadmap for
Competitive
Programming

13 - 17 DEC
2021

Link: <https://bit.ly/cnmegaweek>

MR. SHANTANU SHUBHAM
CONTENT DEVELOPER & INSTRUCTOR

21. OLCM 2.0 (Online Literary and Cultural Meet)



The poster features a dark background with a red-tinted crowd silhouette at the bottom. At the top left is the Jamia Hamdard logo, and at the top right is the Epoch Literary and Cultural Society logo. The main title 'OLCM 2.0' is prominently displayed in white and red, with 'ONLINE LITERARY AND CULTURAL MEET' below it. The dates 'NOV 27 - DEC 12, 2021' are centered. Below the dates is the text '- SPONSORED BY -'. The bottom section lists partners in a 3x3 grid: Production Partner (ENI Productions), Technical Partner (Coding Blocks), Music Partner (Loyal Jammin Studio), Event Partner (GlobalShala), Publishing Partner (WOKAL Media House), and Creative Partner (Entice Town | ET).

OLCM 2.0

ONLINE LITERARY AND CULTURAL MEET

NOV 27 - DEC 12, 2021

- SPONSORED BY -

PRODUCTION PARTNER	TECHNICAL PARTNER	MUSIC PARTNER
		
EVENT PARTNER	PUBLISHING PARTNER	CREATIVE PARTNER
		



OLCM 2.0

Online Literary and Cultural Meet

EPOCH
LITERARY AND CULTURAL SOCIETY
JAMIA HAMDARD, NEW DELHI

Certificate of Appreciation

presented to

Anjali Thakkar

for securing **1st position** in Staccato - Instrumental
Competition in Epoch's OLCM 2.0 held in November 2021

MS. GAUTAMI TRIPATHI

Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard

DR. FARHEEN SIDDIQUI

Head of Department
School of Engineering Sciences and Technology
Jamia Hamdard

DR. SHERIN ZAFAR

Cultural Secretary
School of Engineering Sciences and Technology
Jamia Hamdard



FRESHER'S INDUCTION

Jamia Hamdard Welcomes
Freshers of Batch 2021-22

Upcoming
Events

Scavenger Hunt
Workshops
Talent Show
Open Mic
Art Contest

Poetry
Singing
Writing
Trivia
Debate

Online Induction
Program

02nd - 08th
September 2021

FRESHER'S INDUCTION

FRESHER'S INDUCTION

23. Soft skills for medical professionals



JAMIA HAMDARD

Organizes



ONLINE ADD ON COURSE ON **SOFT SKILLS FOR MEDICAL PROFESSIONALS**

Date : 19-24 July, 2021

Lectures by distinguished guests
and faculty!



**E-CERTIFICATES
WILL BE
PROVIDED
TO ALL!**

ADVANTAGES OF COURSE

- ➔ A clear understanding of basic concepts of the subject
- ➔ Interactive Question-Answer Sessions
- ➔ e-Certificates for all!

24. Special skills for Medical Professionals



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD ON COURSE ON **SPECIAL SKILLS FOR MEDICAL PROFESSIONALS**




Date : 2-7 August, 2021

**Lectures by distinguished guests
and faculty!**



**E-CERTIFICATES
WILL BE
PROVIDED
TO ALL!**

ADVANTAGES OF COURSE

-  **A clear understanding of basic concepts of the subject**
-  **Interactive Question-Answer Sessions**
-  **e-Certificates for all!**

25. Toxicology & Critical Care



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD ON COURSE ON TOXICOLOGY & CRITICAL CARE

ADVANTAGES OF COURSE

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!

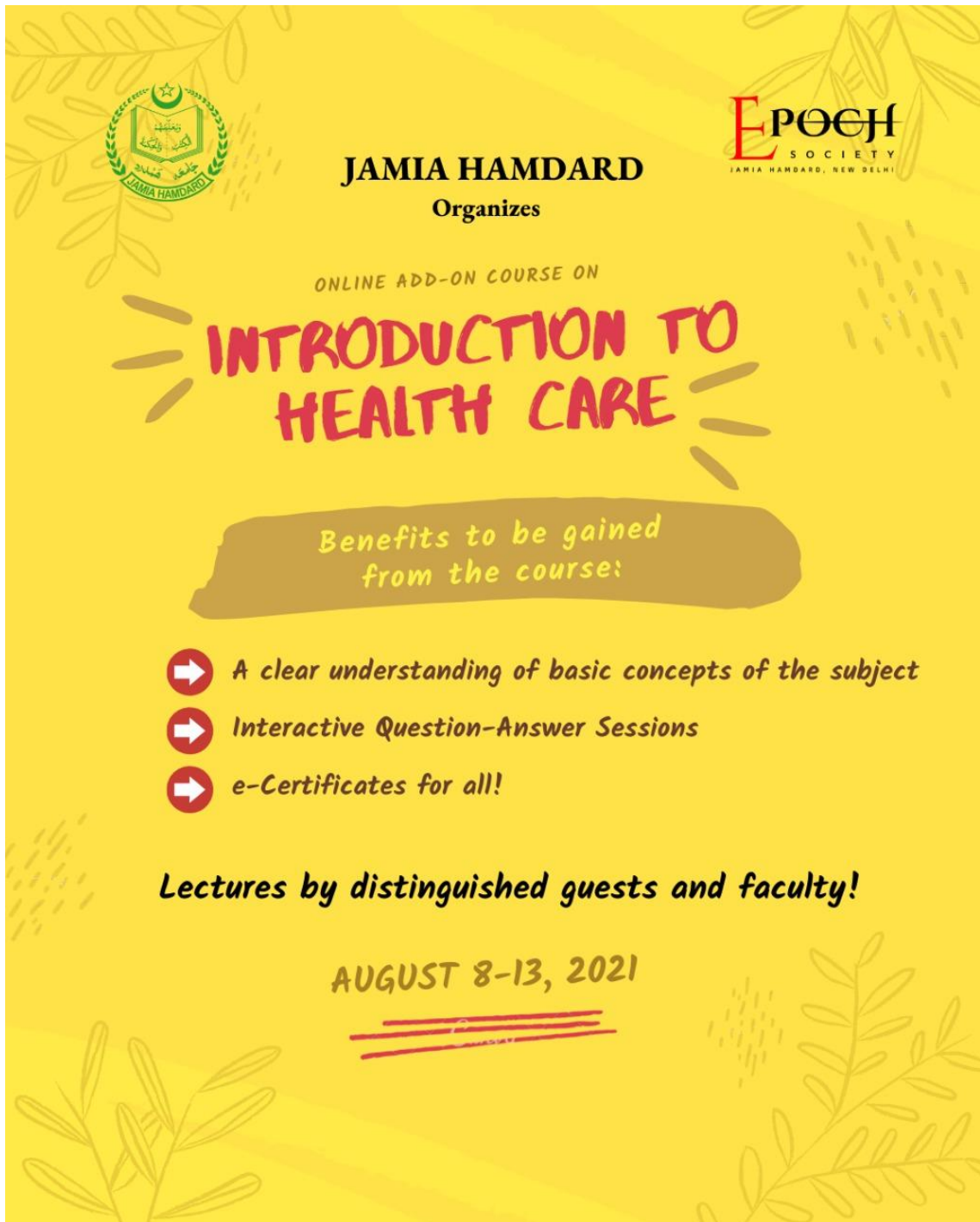



Date : 25-30 July, 2021


Lectures by distinguished guests
and faculty!

**E-CERTIFICATES WILL BE PROVIDED
TO ALL!**

26. Introduction to health care



 **JAMIA HAMDARD**
Organizes

 **EPOCH**
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON

INTRODUCTION TO HEALTH CARE

Benefits to be gained
from the course:

- ➔ *A clear understanding of basic concepts of the subject*
- ➔ *Interactive Question-Answer Sessions*
- ➔ *e-Certificates for all!*

Lectures by distinguished guests and faculty!

AUGUST 8-13, 2021

27. Medical Ethics



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON MEDICAL ETHICS

ADVANTAGES OF COURSE

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!



Date : 14-19 August, 2021
**Lectures by distinguished guests
and faculty!**

E-CERTIFICATES WILL BE
PROVIDED TO ALL!

28. Fundamentals of Yoga



JAMIA HAMDARD

Organizes

Online add-on course on

Fundamentals of Yoga

**Students can benefit from the course
in the following ways:**

A clear understanding of
basic concepts of the
subject

Interactive Question-Answer
Sessions

e-Certificates for all!

22-27 September, 2022
**Lectures by distinguished
guests and faculty!**



E-CERTIFICATES FOR ALL!

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI



29. Basic Life support for Medical Professionals



JAMIA HAMDARD

Organizes

**ONLINE ADD ON COURSE ON
BASIC LIFE SUPPORT FOR MEDICAL
PROFESSIONALS**

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ADVANTAGES OF COURSE

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!

**Date : 17-22 October, 2021
Lectures by distinguished guests
and faculty!**

**E-CERTIFICATES WILL BE
PROVIDED
TO ALL!**



30. Stress and Time Management for Medical Professionals



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON

STRESS AND TIME MANAGEMENT FOR MEDICAL PROFESSIONALS

COURSE BENEFITS

A clear understanding of basic concepts
of the subject

Interactive Question-Answer Sessions

e-Certificates for all!

DATE : 21-26 MAY, 2022
LECTURES BY DISTINGUISHED GUESTS AND FACULTY!



31. COVID appropriate Behaviour



JAMIA HAMDARD
Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON COVID APPROPRIATE BEHAVIOUR

Date : 21- 25 November, 2021

Lectures by distinguished guests and
faculty!

COURSE BENEFITS

A clear understanding of basic concepts
of the subject

Interactive Question-Answer Sessions

e-Certificates for all!



32. Pandemic Praxis and New normal



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON PANDEMIC PRAXIS AND NEW NORMAL

ADVANTAGES OF COURSE

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!

Date : 12-17 December, 2021
Lectures by distinguished guests and faculty!

E-CERTIFICATES WILL BE PROVIDED TO ALL!



33. Professional Skill Development



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD ON COURSE ON PROFESSIONAL SKILL DEVELOPMENT

BENEFITS OF COURSE

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!

Date : 26-30 December, 2021
Lectures by distinguished
guests and faculty!

**E-CERTIFICATES WILL BE
PROVIDED
TO ALL!**



34. Introduction to MS Office



JAMIA HAMDARD
Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON

INTRODUCTION TO MS OFFICE

COURSE BENEFITS

A clear understanding of basic concepts
of the subject

Interactive Question-Answer Sessions

e-Certificates for all!

DATE : 10-15 JANUARY, 2022
LECTURES BY DISTINGUISHED GUESTS AND FACULTY!



35. Entrepreneurship skills



JAMIA HAMDARD
Organizes



ONLINE ADD-ON COURSE ON
**Entrepreneurship
Skills**

**Benefits of
course**

A clear understanding of basic concepts of the subject
Interactive Question-Answer Sessions
e-Certificates for all!

Date : 22-27 February, 2022

**LECTURES BY DISTINGUISHED GUESTS
AND FACULTY!**



36. GST for MSME owners



JAMIA HAMDARD

Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON GST FOR MSME OWNERS

BENEFITS FOR STUDENTS

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!

Date : 7-12 March, 2022
Lectures by distinguished guests
and faculty!

E-CERTIFICATES WILL BE
PROVIDED TO ALL!



37. Medical Nutrition Management



JAMIA HAMDARD
Organizes

EPOCH
SOCIETY
JAMIA HAMDARD, NEW DELHI

ONLINE ADD-ON COURSE ON MEDICAL NUTRITION MANAGEMENT

ADVANTAGES OF COURSE

1. A clear understanding of basic concepts of the subject
2. Interactive Question-Answer Sessions
3. e-Certificates for all!



Date : 21-25 April, 2022
Lectured by distinguished guests and faculty!

E-CERTIFICATES WILL BE
PROVIDED TO ALL!

Registrar
Jamia Hamdard
(Deemed to be University)
Hamdard Nagar
New Delhi - 110062