

ANNUAL REPORT (2021-22)



JAMIA HAMDARD

(Deemed to be University)

Accredited in 'A' Grade by NAAC

Rank 1st in Pharmacy, 2022 by NIRF, Govt. of India

Hamdard Nagar, New Delhi - 110062

Website : www.jamiahamdard.edu



Ministry of Education
Government of India



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2022

**Jamia Hamdard New Delhi
Ranked 1 in Pharmacy Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA



Ministry of Education
Government of India



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2022

**Jamia Hamdard, New Delhi
Ranked 33 in Medical Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA



ANNUAL REPORT (2021-22)



JAMIA HAMDARD

(Deemed to be University)

Accredited in 'A' Grade by NAAC

Rank 1st in Pharmacy, 2022 by NIRF, Govt. of India

CONTENTS

VISION OF JAMIA HAMDARD	1-2
AUTHORITIES	3-5
Founder	
Chancellor	
Vice-Chancellor	
GOVERNANCE OF JAMIA HAMDARD	6-10
Jamia Hamdard Society	
Board of Management	
Planning & Monitoring Board	
Finance Committee	
Academic Council	
JAMIA HAMDARD ADMINISTRATION	11
INTERNAL QUALITY ASSURANCE CELL (IQAC)	12-15
RESEARCH & DEVELOPMENT CELL (R & D)	16-22
ADMISSION & EXAMINATION DATA	23-26
SCHOOLS / CENTRES	27
SCHOOL OF CHEMICAL & LIFE SCIENCES (SCLS)	28-69
Deptt. of Biochemistry	
Deptt. of Biotechnology	
Deptt. of Botany	
Deptt. of Chemistry	
Deptt. of Medical Elementology and Toxicology	
Centre for Translational and Clinical Research	
SCHOOL OF UNANI MEDICAL EDUCATION & RESEARCH (SUMER)	70-105
Department of Kulliyat (Fundamentals of Unani Medicine)	
Department of Tashreeh (Anatomy)	
Department of Munafeul Aza (Physiology)	
Department of Ilmul Advia (Pharmacology)	
Department of Ilmul Saidla (Unani Pharmacy)	

Department of Mahiyatul Amraz (Pathology)
Department of Tahaffuzi wa Samaji Tib (Preventive and Social Medicine)
Department of Ilaj bil Tadbeer (Regimenal Therapy)
Department of Ilmul Atfal (Paediatrics)
Department of Moalajat (Medicine)
Department of Jarahiyat (Surgery)
Department of Amraz-e-Ain Uzn, Anaf Wa Halaq (Eye and ENT)
Department of Amraz-e-Niswan wa Qabalat (Gynaecology and Obstetrics)
Department of Amraz-e-Jild wa Tazeeniyat (Dermatology and Cosmetology)

SCHOOL OF PHARMACEUTICAL EDUCATION AND RESEARCH (SPER) 106-152

Deptt. of Pharmaceutics
Deptt. of Pharmaceutical Chemistry
Deptt. of Pharmacognosy and Phytochemistry
Deptt. of Pharmacology

SCHOOL OF NURSING SCIENCES & ALLIED HEALTH (SNSAH) 153-183

Rufaida College of Nursing
Deptt. of Paramedical Sciences
Deptt. of Physiotherapy
Deptt. of Occupational Therapy

SCHOOL OF INTERDISCIPLINARY SCIENCES AND TECHNOLOGY (SIST) 184-204

Deptt. of Food Technology
Deptt. of Molecular Medicine

SCHOOL OF MANAGEMENT AND BUSINESS STUDIES (SMBS) 205-225

Deptt. of Management
Deptt. of Healthcare and Pharmaceutical Management
Deptt. of Hotel Management and Catering Technology

SCHOOL OF ENGINEERING SCIENCES & TECHNOLOGY (SEST) 226-243

Deptt. of Computer Science & Engineering

SCHOOL OF HUMANITIES & SOCIAL SCIENCES (SH&SS) 244-252

Centre for Federal Studies, Public Policy and Governance
Hamdard Institute of International Studies
Department of Islamic Studies
Department of Human Rights

SCHOOL OF LAW	253-264
Hamdard Institute of Legal Studies and Research	
CENTRE FOR DISTANCE AND ONLINE EDUCATION	265-268
Centre for Distance and online Education	
CENTRE FOR MEDIA AND MASS COMMUNICATION STUDIES (CMMS)	269-271
Media and Mass Communication	
JAMIA HAMDARD RESIDENTIAL COACHING ACADEMY (JHRCA)	272-273
HAMDARD INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (HIMSR)	274-309
HMS CENTRAL LIBRARY	310-311
JAMIA HAMDARD KANNUR OFF - CAMPUS, KERALA	312-317
STUDENT AID FELLOWSHIPS AND SCHOLARSHIP	318
STUDENTS ACTIVITY REPORT	319-328
INFRASTRUCTURE DEVELOPMENT	329-330
COMPUTER CENTRE	331-332
CAMPUS FACILITIES	333
FINANCE BALANCE SHEET AND AUDIT REPORT 2021-2022	334-354



JAMIA HAMDARD (Deemed to be University)

Accredited in 'A' Grade by NAAC
Rank 1st in Pharmacy, 2022 by NIRF, Govt. of India

VISION AND MISSION OF JAMIA HAMDARD

Vision

“To provide international quality higher education and undertake cutting-edge research in the fields of natural science and technology and social sciences and particularly promote study of modern and traditional, especially Unani, medicine systems encompassing a holistic and integrative approach to healthcare and to meet societal education needs of underprivileged Indian communities.”

Mission

- a) To promote and advance the cause of higher education through modern methods of teaching and advanced research in such branches of knowledge as the Jamia Hamdard may continue to develop core-competence for and as may be in consonance with the emerging needs of India in general and underprivileged communities in particular.
- b) To co-operate, collaborate and associate with national and international organizations and institutions in any part of the world having mission wholly or partly similar to those of the Jamia Hamdard and as per the provision of the UGC regulations in place from time to time.
- c) To provide avenues for higher education leading to excellence and innovations in such branches of knowledge as may be deemed fit primarily at Under-graduate, Post-graduate and doctoral levels, fully conforming to the concept and idea of the University.

Quality statement

Jamia Hamdard is committed to strive for achieving and sustaining high quality standard in higher education leading to excellence and innovations in selected fields of knowledge and undertaking high quality research for the advancement of knowledge and its dissemination through various research programmes undertaken in-house or in collaboration with premier national and international institutes.

Quality framework

Students: To ensure the quality of students, strict adherence to the intake norms of the students to be taken. Only candidates screened through national and state level tests to be selected in various study programmes. Once enrolled students will be exposed to all realms of their curriculum with adequate knowledge and learning resources at their hands which facilitates their all-round development as a responsible citizen and professionally competent individual.

Faculty: Faculty quality is core to the quality of students. Jamia Hamdard while selecting a junior faculty looks into him/her a future leader (Professor). Therefore, highest level of quality parameters is applied for faculty recruitment and promotion. Jamia Hamdard also encourages faculty to undertake research in their selected areas of specialization and emphasizes in interdisciplinary and collaborative research.

Professional development: The University provides all avenues to its faculty for professional development and to recharge themselves with contemporary development in their field of interest. Research, innovation and generation of intellectual property are appropriately incentivized.

Diversity, inclusiveness, and equal opportunity: The University believes in diversity and therefore is open to all irrespective of their background. The diversity of students is not only ensured nationally but also internationally. It also promotes inclusiveness and equal opportunity with special focus on increasing enrollment of girls in its various study programmes and providing opportunities to educationally marginalized sections of society such as Indian Muslims.

Innovations, best practices and technological intervention: The University promotes innovation in teaching and research and lays emphasis on following best practices in administration, teaching and research. It encourages technological intervention and adoption of newer tool and techniques of knowledge delivery and management.

Ethics: Jamia Hamdard follows high level of ethics in its conduct and ensures that research and teaching is conducted following international ethical standards and transparency.

Environmental consciousness: Jamia Hamdard emulates green technology such as water harvesting, solar energy, waste and water re-cycling and eco-friendly waste management.

THE FOUNDER LATE HAKEEM ABDUL HAMEED



The Founder-Chancellor of Jamia Hamdard, Hakeem Abdul Hameed, a renowned physician of the Unani system of medicine who served the poorest of the poor and also had dignitaries such as Prince Charles of England as his patient, was a philanthropist who always had public service as his driving force. Hakeem Abdul Hameed set up a complex of educational institutions over a period of time which finally got amalgamated in Jamia Hamdard in 1989.

The first institute that was built on the piece of land in Tughlaqabad which today houses the Faculty of Science was the Institute of History of Medicine and Medical Research. The foundation stone of this institute was laid down on November 15, 1962 by the then Prime Minister of India, Pandit Jawaharlal Nehru; the building was inaugurated by Mrs. Indira Gandhi, the Prime Minister of India in 70s. The Great Hakeem also set up several other institutes which include the Hamdard National Foundation, Hamdard Education Society, Hamdard Study Circle, Hamdard Public School, Ghalib Academy, the Centre for South Asian Studies, and Business & Employment Bureau.

Hakeem Abdul Hameed was conferred the Padma Shri and Padma Bhushan by the Government of India, awarded the Avicenna Award by the erstwhile USSR in 1983, and was nominated as honorary member of the Academy of Medical Science, Iran. He served as Chancellor of Aligarh Muslim University. In October 2000, the Research Centre for Islamic History, Art and Culture (IRCICA) Istanbul, Turkey, presented IRCICA Award to him posthumously for Patronage in Preservation of Cultural Heritage and Promotion of Scholarship. Hakeem Abdul Hameed was a true follower of Islam in letter and spirit and strongly believed in “And spend in the cause of Allah and do good, for He loves those who do good for others” – Al Quran, 2:196



HAMMAD AHMED CHANCELLOR

As one of the founding members of Hamdard National Foundation at its inception in 1964, Janab Hammad Ahmed brings with him infinite wisdom and experience. Over more than 50 years, he has forged Hamdard National Foundation into one of India's most respected charitable organizations. He is currently President, Hamdard National Foundation (India) - HECA and Co-chairman, Hamdard National Foundation (India).

His charming and inspiring personality borrows dimensions from his father, Late Janab Hakeem Abdul Hameed, the founder of Hamdard National Foundation and Jamia Hamdard. Janab Hammad Ahmed's quiet modesty hides the magnitude of his achievements in introducing new initiatives for contributions to society, and his relentless commitment to the charitable cause has improved the lives of countless people.

Janab Hammad Ahmed has been involved in Jamia Hamdard since before it gained Deemed University status in 1989. Over the years, he has served in the Executive Council, Finance Committee and various other advisory bodies of the University and has championed the growth of Jamia Hamdard through sustained personal attention and interest.

Since joining Hamdard Laboratories India as its Sales and Marketing Head in 1973, he has overseen a meteoric rise in business and the Hamdard name, in the process establishing himself as one of India's prominent business leaders. He is currently the Chief Mutawalli (Trustee) of Hamdard Laboratories India (Foods).

Educated in Sherwood College, Nainital, and then in Cornwall, UK and New York, USA for further studies, Janab Hammad Ahmed has inculcated a strong sense of discipline in his life and work, and the results are self-evident.

Hammad Ahmed
Chancellor
Jamia Hamdard



PROFESSOR M. AFSHAR ALAM VICE-CHANCELLOR

Professor M. Afshar Alam has assumed the charge of the Vice Chancellor of Jamia Hamdard on 19th June, 2021. He is the first Internal Professor from Jamia Hamdard to have been elevated to the position of the Vice Chancellor, Jamia Hamdard through an All India Selection process, as per the UGC regulations 2019. He did his Master Degree (MCA) from the Aligarh Muslim University and Ph.D from the Jamia Millia Islamia.

He has served Jamia Hamdard in various capacities. This includes Head, Department of Computer Science for consecutive three terms, Dean of the Faculty of Management and Information Technology as well as Dean, School of Engineering Science and Technology. He has also worked as the Head, Computer Centre; Dean Students Welfare; Foreign Students Advisor for more than 10 years; and Finance Officer for nearly one year. He founded the Computer Centre/Department of Computer Science in Jamia Hamdard.

His research areas include Software Re-engineering, Data Mining, Bio-Informatics, Fuzzy databases, and Sustainable Development. He is the founding member of the Computer Wide Networking at Jamia Hamdard. He has more than 25 years of experience in teaching and research. He has guided more than 30 PhD research scholars and also guided more than 200 postgraduate research projects. He was invited to many countries including Australia, Republic of China, Singapore, Malaysia, UAE, Iran, Nepal, Syria and Yemen, for delivering special lectures, Plenary Talks and as Keynote Speakers in Conferences. He has authored 10 books and has more than 150 research papers in reputed journals to his credit. He has also drafted the curriculum and Bye-Laws for B.Tech, M.Tech, MCA, BCA and MBA (Health Informatics) courses.

In his illustrious career as an academician and researcher, he is conferred with many prestigious awards like AMP Award for Excellence in Education, Cooperative Citizen Award, World Environment Day Award, Spardha Shree Award, Mahatma Gandhi International Peace Award, Bharat Ratna Dr. A.PJ Abdul Kalam Top Icon Award for 2021 and the Time Magazine India's Excellence Iconic Award 2021, etc. He is also a Fellow Member of the Institute of Electrical & Electronics Engineers (IEEE) and Life Member of Computer Society of India (CSI) & Indian Society for Technical Education (ISTE).

The Government of India has included him in many committees. He is serving as the Chairman, National Assessment and Accreditation Council (NAAC) for assessment of Colleges and Universities and also served as Member in different committees of the University Grants Commission (UGC), All India Council of Technical Education (AICTE), Science Engineering and Research Board (SERB), Technical Committee of NCPL, Ministry of Education.

Professor M. Afshar Alam
Vice-Chancellor
Jamia Hamdard

GOVERNANCE OF JAMIA HAMDARD

(From 01/04/2021 to 31/03/2022)

GOVERNING BODIES:

Jamia Hamdard Society is the Governing Body of Jamia Hamdard.

1. The constitution of the Jamia Hamdard Society is as follows:-

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

2. Board of Management

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

SN	Category (composition)	Position in the BoM	Name of the Officials
1	Vice-Chancellor	Chairman	Prof. (Dr.) M. Afshar Alam
2	Deans of Faculties / Schools of Jamia Hamdard not exceeding two (by rotation based on seniority);	Member	Prof. Farhan Jalees Prof. Shakir Ali
3	Three eminent academicians other than from Institution / Sponsoring body as nominated by the Chancellor;	Member	Prof. Najma Akhtar Prof. Saiyed M. Ishtiaque Prof. G.D. Sharma
4	One Eminent academician to be nominated by the University Grants Commission;	Member	Prof. Avinash C. Pandey
5	Two teachers (from Professors, Associate Professors by rotation based on seniority);	Member	Prof. S.H. Ansari (Prof.) Prof. Asgar Ali Dr. Nadimul Haque
6	Maximum of four nominees of the Sponsoring Society	Member	Dr. S.Y. Quraishi Mr. Sajid Ahmed Prof. Riaz Umar Dr. Rashmi Saluja/ Mr. Majid Ahmad
7	Registrar will be the Non-Member Secretary of the Board of Management;	Member-Secretary	Mr. S.S. Akhtar

FINANCE COMMITTEE

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

S No.	Category (composition)	Position in the Finance Committee	Name of the Officials
1	Vice-Chancellor	Chairperson	Prof. (Dr.) M. Afshar Alam
2	A person nominated by the Sponsoring Body	Member	Mr. Majid Ahmed Treasurer, HNF-HECA
3	Two nominees of the Board of Management one of whom shall be a member of the Board of Management	Member	Dr. Nilopher Kazmi Former Secretary, UGC
4	A representative of the UGC	Member	Dr. Dev Swarup
5	Finance Officer	Secretary	Prof. Shakir Ali
6	Finance Officer	Secretary	Prof. M. Afshar Alam (Till 18.06.2021)

COMPOSITION OF THE P&MB:

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

S. No	Category (composition)	Position in the P & MB	Name of the Officials
1	Vice-Chancellor	Chairperson	Prof. (Dr.)M. Afshar Alam
2	Seven Internal Members	Member	Prof. Shakir Ali Prof. S.M. Arif Zaidi Prof. M. Amir Prof. Shibu John Prof. S. Mehartaj Begum Prof. Reshma Nasreen Mr. Azhar Ali Khan
3	Three Outside Experts	Member	Mr. Syed Zafar Mahmood, IRS (Retd.) Prof. Riaz Umar/ Mr. Majid Ahmad
4	Registrar	Secretary	Mr. S.S. Akhtar

ACADEMIC COUNCIL

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

5. **Composition of the Academic Council:**

S. N	Category (composition)	Position in the Academic Council	Name of the Officials
1	Vice-Chancellor	Chairperson	Prof. (Dr.)M. Afshar Alam
2	Deans of Schools / Constituent Institutions of Jamia Hamdard;	Members	Prof. Shakir Ali, SCLS Prof. Vidhu Aeri, SPER Prof. Farhan Jalees, SIST Prof. S. Mehartaj Begum, SHSS Prof. Shibu John, SMBS Prof. S.M. Arif Zaidi, SUMER Prof. Manju Chhugani, SNSAH Prof. Saleena K. Basheer, HILSR Prof. Mridu Dudeja, HIMSR

3	Heads of the Departments of Jamia Hamdard;	Members	<p>Prof. Yasmeen Shamsi, Moalajat Dr. Abdul Bari, Kulliyat Prof. Mohd. Aslam, Ilmu Advia Dr. Anwar Hussain Khan, Munafeul Aza Dr. Khursheed A. Ansari, Tashreeh Dr. Mohd. Akram, Tahfuzi-wa-Smani-Tibb Prof. Shahid Umar, Botany Prof. M. Sarwar Alam, Chemistry Prof. M. Z. Abdin, Biotechnology Prof. Rana Zaidi, Biochemistry Prof. S. Raisuddin, Medical Elementology and Toxicology Prof. Suhel Parvez, Centre for Translational & Clinical Research Prof. Bahar Ahmad, Pharmaceutical Chemistry Prof. Yasmin Sultana Pharmaceutics Prof. M. Mujeeb, Pharmacognosy & Phytochemistry Prof. A.K. Najmi, Pharmacology Prof. N. Ravichandran, Healthcare & Pharmaceutical Management Dr. S. Nadimul Haque, Management Ms. Ruchi Nagar Bukshee, Physiotherapy Ms. Veena Sharma, Principal, RCN Prof. S.H. Ansari, Director, CDOE Mr. S.M. Khan, Director, Centre for Mass Media & Mass Communication Studies Dr. A. Selvanpandiyam, Molecular Medicine Dr. Sayeed Ahmad, Food Technology Dr. Farheen Siddiqui, CSE Dr. Arshad Hussain, Islamic Studies</p>
4	Heads of the Departments at HIMSR	Members	<p>Prof. Shayama Kumari Razdan, Anatomy Prof. M. Iqbal Alam, Physiology Prof. Alpana Saxena, Biochemistry Prof. Arunabha Ray, Pharmacology Prof. Sujata Jetley, Pathology Prof. Charu Hans, Microbiology Prof. Amit Sharma, Forensic Medicine Prof. Farzana Islam, Community Medicine Prof. Sunil Kohli, Medicine Prof. Sumeera Bandey, TB & Chest Dr. Mukesh Manjhi, Dermatology Dr. Nimmi Jose, Psychiatry Prof. Rekha Harish, Pediatrics Prof. Musharraf Hussain, Surgery Prof. Sandeep Kumar, Orthopedics Prof. Bishnu Swaroop Gupta, Ophthalmology Prof. Khaja Nasruddin, ENT Prof. Reva Tripathi, Gynecology Prof. Kharat Mohd. Bhatt, Anesthesia Prof. Abhinav Jain, Radio diagnostic Dr. Nilima Sharma, Dental</p>

5	All Professors other than HoD and Dean;	Members	<p>Prof. M.A. Jafi, Ilmu Advia</p> <p>Prof. Asgar Ali, Pharmaceutics</p> <p>Prof. Nadeem Siddiqui, Pharmaceutical Chemistry</p> <p>Prof. Mohd. Amir, Pharmaceutical Chemistry</p> <p>Prof. Javed Ali, Pharmaceutics</p> <p>Prof. Sanjula Baboota, Pharmaceutics</p> <p>Prof. Uma Bhandari, Pharmacology</p> <p>Prof. Sandhya Bawa, Pharm. Chemistry</p> <p>Prof. Gita Chawla, Pharmaceutical Chemistry</p> <p>Prof. Asif Hussain, Pharmaceutical Chemistry</p> <p>Prof. Divya Vohora, Pharmaceutical Chemistry</p> <p>Prof. Sanjay Dubey, Centre for Federal Studies</p> <p>Prof..G.Y. Anjum, Islamic Studies</p> <p>Prof. Ajay Kumar Singh, Centre for Federal Studies</p> <p>Prof. Suhail Fatima, Amraz-e-niswan-wa-qabalat</p> <p>Prof. J.K. Batra, Biochemistry</p> <p>Prof. Kalim Javed, Chemistry</p> <p>Prof. Nilanjan Saha, Centre for Translational & Clinical Research</p> <p>Prof. Reshma Nasreen, Management</p> <p>Prof. Shibli Jameel, Pharmacology</p> <p>Prof. S.E. Haque, Pharmacology</p> <p>Prof. Manju Sharma, Pharmacology</p>
6	All Professors Other than HoD and Dean (HIMSR)	Members	<p>Prof. Ajay Kumar Thakral, Gen. Surgery</p> <p>Prof. Prem Kapur, Gen. Medicine</p> <p>Prof. Aruna Nigam, Gynecology</p> <p>Prof. Sabina Khan, Pathology</p> <p>Prof. Jagannath Mahapatra, Pediatrics</p>
7	Two Associate Professors from the Departments other than HoD by rotation of seniority;	Members	<p>Dr. Hifzul Kabir, Ilmu Advia, SUMER</p> <p>Dr. Minhaz Ahmad, Jarahiyat SUMER</p>
8	Two Assistant Professors from the Departments by rotation of seniority;	Members	<p>Dr. Kiran Dubey, Pharmacology, SPER</p> <p>Dr. Sana Beg., Management, SMBS</p>
9	Three persons from amongst educationists of repute or persons from any other field related to the activities of the Institution deemed to be University who are not in the service of the Institution deemed to be university nominated by the Vice-Chancellor;	Members	<ol style="list-style-type: none"> 1. Prof. Javed Iqbal, Former Director, DRILS, Hyderabad 2. Prof. Sudhir K. Sopory, former Vice Chancellor, JNU, N. Delhi 3. Prof. Y.K. Gupta, Former HoD, Pharmacology, & Dean, AIIMS, Delhi
10	Three persons who are not members of the teaching staff co-opted by the Academic Council for their specialized knowledge;	Members	<p>Mr. Mohammad Shoab, Librarian, HMS Central Library</p> <p>Mr. Mirza Wazir Hussain, COE</p> <p>Mr. Mirza Rahil Beg, System Analyst</p>
11	Registrar	Secretary	Mr. S. S. Akhtar

JAMIA HAMDARD ADMINISTRATION

Vice-Chancellor	-	Prof. Mustahsan Ali Jafri (till 18.06.21) Prof. (Dr.) M. Afshar Alam (w.e.f.19.06.21)
Registrar	-	Mr. S. S. Akhtar
Finance Officer (Officiating)	-	Prof. M. Afshar Alam (till 18.06.2021) Prof. Shakir Ali (w.e.f.19.06.21)
Controller of Examinations	-	Mr. Mirza Vazir Husain
Chief Proctor	-	Prof. M. Sarwar Alam
Dean Student Welfare	-	Prof. Reshma Nasreen
Foreign Students Advisor	-	Prof. Suhel Parvez
University Librarian, HMS Central Library	-	Mr. Mohd. Shoab
Director, IQAC	-	Prof. S. Raisuddin
Deputy Registrar	-	Dr. Sarfaraz Ahsan
Executive Engineer	-	Mr. Azhar Ali Khan (Officiating)
Estate Officer	-	Mr. S. Furquan Ahmed
Provost	-	Prof. Haider Ali Khan
Assistant Registrar (VCO)	-	Mr. M.G. Vinod Kumar
Assistant Registrar (Estab)	-	Mr. Rukmesh Kumar
Assistant Registrar (Acad)	-	Mrs. Tarvinder Khurana
Assistant Registrar (Purchase)	-	Mrs. Tahira Shakeel
Assistant Finance Officer	-	Mr. A. Rahman
Assistant Finance Officer	-	Mr. Syed Masroor Hassan
Assistant Controller of Examination	-	Mrs. Nahid Chaudhary
Assistant Controller of Examination	-	Mrs. Jasvinder Kaur
Public Relations Officer	-	Mr. Md. Tauhid Alam
Incharge, Computer Centre	-	Dr. Q.P. Rana

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date of establishment - December 07, 2011

Director IQAC : Prof. S. Raisuddin (sraisuddin@jamiahamdard.ac.in)

Deputy Director IQAC : Prof. M. Shahar Yar (msyar@jamiahamdard.ac.in)

Jamia Hamdard IQAC Committee

1	Prof. M. Afshar Alam, Vice Chancellor	Chairman
2	Mr. S.S. Akhtar, Registrar	Member
3	Mr. Mirza Vazir Hussain, Controller of Examinations	Member
4	Prof. Mujeeb ur Rahman, Dean, Faculty of Agriculture AMU, Aligarh	Member
5	Prof. A.K. Dubey, Director IQAC JNU, New Delhi	Member
6	Dr Arshad Khuroo Vice President, Sun Pharmaceutical Industries Ltd., Gurgaon	Member
7	Dr Ghazala Javed, Research Officer In-charge, Drug Standardisation Research Unit, Central Council for Research in Unani Medicine, Ministry of AYUSH, Govt. of India	Member
8	Prof. Farhan J. Ahmad, Dean SIST	Member
9	Prof. Shahid Umar, Head, Department of Botany, SCLS	Member
10	Prof. M. Shahar Yar, SPER	Member
11	Dr Zeeba Shamim Jairajpuri, HIMSR	Member
12	Dr Azhar Jabin, SUMER	Member
13	Dr Parul Agarwal, SEST	Member
14	Dr Nudrat Moini Rahman, SMBS	Member
15	Ms. Ashima Chachhra, SNSAH	Member
16	Prof. S. Raisuddin, Director IQAC	Member Secretary

IQAC Staff

Dr. Syed Ikmal Murtaza – Consultant

Mr. Mohd Azam Siddiqui – Consultant

Mr. Anish Cherian – Dealing Assistant

MISSION

To make quality the defining element of Jamia Hamdard through a combination of self and external quality evaluation, promotion, and sustenance initiatives.

The 'quality statement' and 'quality framework' as stated under are the integral components of the Memorandum of Association (MoA) of Jamia Hamdard approved by the UGC and Registrar of Societies in 2021.

QUALITY STATEMENT

Jamia Hamdard is committed to strive for achieving and sustaining high quality standard in higher education leading to excellence and innovations in selected fields of knowledge and undertaking high quality research for the advancement of knowledge and its dissemination through various research programs undertaken in-house or in collaboration with premier national and international institutes.

The IQAC at Jamia Hamdard was constituted on 7th December 2011. Since its establishment, it has been performing the following tasks which are based on the NAAC manual on a regular basis:

1. Designing and implementing Annual Plans for institution-level activities for quality enhancement.

2. Arrange for feedback response from students for quality-related institutional processes.
 3. Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution.
 4. Retrieval of information on various quality parameters of higher education and best practices followed by other institutions.
 5. Organization of workshops and seminars on quality-related themes and promotion of quality circles and institution-wide dissemination of proceedings of such activities.
 6. Development and application of innovative practices in various programs/activities leading to quality enhancement.
 7. Participation in the creation of learning-centric environment conducive for quality education.
 8. Work for the development of internalization and institutionalization of quality enhancement policies and practices.
 9. Act as nodal unit of the institution for augmenting quality-related activities.
 10. Prepare focused Annual Quality Assurance Reports (AQARs).
- Hamdard has been ranked in 601 to 800 ranking band for the year 2021-2022
- i. QS Asia University Ranking 2023: 451-500
 - ii. QS South Asia University Ranking 2023: 110
 - iii. QS University Ranking 2023: 1201-1400
 - iv. THE World University Ranking 2022: 1001-1200
- IQAC has submitted data for All India Survey on Higher Education (AISHE) 20210-21 conducted by the Ministry of Education, Govt. of India.
 - IQAC has initiated the Academic and Administrative Audit (AAA) exercise. An Audit Committee involving external expert was constituted for the purpose of academic assessment. The Audit Committee submitted the Audit Report on the prescribed performa developed by IQAC. The recommendations of Audit Committee for each School/Department were placed in IQAC meeting for discussions and necessary actions. The Academic Audit of the following Departments/Schools of Jamia Hamdard has been conducted during the period:-
1. School of Management & Business Studies (SMBS): Date of the Academic Audit - December 21, 2021.
 2. School of Pharmaceutical Education and Research (SPER) - Date of the Academic Audit -23rd & 24th December 2021.
 3. School of Interdisciplinary Studied (SIST) School of Interdisciplinary -Date of the Academic Audit -26th December 2021.
 4. School of Unani Medical Education & Research (SUMER)- Date of Academic Audit 26th December 2021.
 5. School of Nursing Sciences & Allied Health (SNSAH) – Dates of Academic Audit 24th December 2021, 21st January and 11th February 2022.
 6. School of Engineering Science & Technology (SEST)-Date of the Academic Audit 5th January 2022.
- IQAC has submitted data for the Annual Quality

Report of Various activities conducted by IQAC for the year 2021-2022

- IQAC submitted data for NIRF 2022 and stood First Rank in Pharmacy for consecutive four years. NIRF 2022 rankings in other categories were as follows:
1. Medical -33
 2. Management-100
 3. University-45
 4. Overall-74

For the first time, Jamia Hamdard has been ranked in Management category.

- IQAC has also submitted data for Times Higher Education (THE) and QS Ranking. Jamia

Assurance Report (AQAR) of the University for the session 2019-2020.

- IQAC has created an online Feedback/Student Satisfaction Survey (SSS) for all stakeholders namely- Students, Parents, Alumni, Employers and Teachers on quality related institutional processes.
- IQAC has conducted various Orientation Programmes in order to create awareness about the quality, accreditation and initiatives of the UGC on NEP2020. The details are as follows:

1. “Orientation Program on MOOCs and Blended Learning” [for Faculty Members of Jamia Hamdard] (December 01, 2021). Prof. K. Srinivas, Head, ICT and Project Management, National Institute of Education and Planning, New Delhi was the key speaker. The orientation program was aimed at enlightening and creating awareness in the faculty fraternity about MOOCs as offered through the SWAYAM portal. Eminent speakers from the University Grants Commission, Jamia Millia Islamia and University of Delhi deliberated upon several aspects of MOOCs and blended learning.

Lecture on “UGC Initiatives on SWAYAM-MOOCs” -Dr. Diksha Rajput, Deputy Secretary, UGC, New Delhi has highlighted the role of UGC in shouldering the responsibility to host SWAYAM-MOOCs. She stressed on the importance of students as the main stakeholders of educational system. Her talk advocated on putting efforts to sensitize the present system to respond to the needs and aspirations of students. She emphasized on student centricity and blended learning.

Prof. Mohammed Kasim, Honorary Director, IQAC, Jamia Millia Islamia, New Delhi shared his perspective on the issues and challenges in the “Development of MOOCs: Issues and Challenges”. His lecture revolved around the concept of MOOCs, their types and architecture. He also highlighted the challenges involved in the development of MOOCs.

“The “ Role of Learners in a Blending Learning Environment” was deliberated by Dr. Anjali Gupta, Department of Commerce, ARSD College, University of Delhi, New Delhi. Dr. Anjali gave insights into the techniques which should be in-

corporated in our classroom teaching to move towards blended teaching-learning, where both the stakeholders - teachers and students are accountable. The blended mode empowers the present system of teaching learning a shared responsibility among teachers and students.

2. “Orientation Program on “Outcome Based Education (OBE) and Curriculum Design” (February 02, 2022). Prof. B.V. Appa Rao, Research Fellow (Emeritus), Teaching Learning Centre (TLC), National Institute of Technology (NIT) Warangal was the key speaker. The adoption of Outcome Based Education (OBE) at universities and institutions is considered as an advanced step towards realization of higher education in India subject to real success in the effective adoption and stringent accreditation process to ensure the maintenance of quality of education. The aim of OBE is to produce globally competent students with emphasis on quality education and transferable skills.

In view of above, the Internal Quality Assurance Cell (IQAC) and Controller of Examinations, Jamia Hamdard, New Delhi organized a one-day online orientation programme on the Outcome-based Education. Prof. B.V. Appa Rao, deliberated on the following during the programme:-

- a. Defining Program Educational Objectives (PEOs)/Program Specific Objectives (PSOs) and Course Outcomes (COs);
- b. Mapping of Course Outcomes (COs) to Program Objectives (POs)/Program Specific Objectives (PEOs), together with the strength of mapping and defining assessments that justify the mapping, overall Program Educational Objectives (PEOs) attainment.
- c. Learning objectives of course and question paper setting as per blooms taxonomy;
- d. Teaching, Learning and Evaluation tools and handling of larger classrooms and quicker evaluation of students and faculty; and
- e. Best practices and case studies in teaching and learning to enhance Quality of university education.



3. “Orientation Program on Predatory Journals and UGC-CARE Listing of Journals” (February 03, 2022). Dr Nabi Hasan, Librarian IIT Delhi was the key speaker. The Orientation program was aimed to sensitize the faculty members and the research scholars regarding the predatory journals and UGC-CARE list journals.

Dr Nabi Hasan in his lecture focused on:

- Avoid research publication in the Predatory Journals.
- Emphasized on research publication in UGC CARE Listed journals.
- Use of Open Access Journals like DOAJ (directory of Open Access Journals)

Dr Ravins Dohare, JMI, New Delhi in his lecture elaborated on:

- UGC-CARE list of journals and its globally indexed database
- The classification of UGC CARE list of journals.

Prof. S. Raisuddin, Director, IQAC and Director Research and Development Cell, Jamia Hamdard covered the following aspects in his lecture:

- Role of IQAC in the verification of research articles in UGC- CARE list of journals.
- Predatory Journals and negative impact on the research score of the faculty members for promotion under CAS Scheme as per UGC Regulations 2018.



OFFICE OF THE DIRECTOR (RESEARCH & DEVELOPMENT CELL)

An Office of Director, Research & Development has been established in Jamia Hamdard in the year 2010. Its main role is to promote research culture on campus.

The Office performs the following functions:

1. To create awareness about various opportunities for research funding.
2. To frame various incentive schemes in order to promote research.
3. To facilitate submission of research and consultancy projects.
4. To facilitate submission of applications for fellowships, travel grant and training of research scholars.
5. To create avenues for research collaboration with national and international Universities/Institutions.
6. To create and maintain database on research profile of Jamia Hamdard.
7. To ensure ethical conduct of research.

The Office of the Director, Research & Development has a Research Advisory Committee chaired by the Vice Chancellor. Other members are faculty members of Jamia Hamdard and scientists from research and academic institutions and industry representatives.

1. RESEARCH PROJECTS

A. Projects completed during the year (Projects awarded to Teachers as Principal Investigator should only be included)

S. No.	Name of the faculty member/School	Title of the project	Name of the funding agency/ research scheme	Date of completion	Amount sanctioned in (Rs.)
1.	Dr. Mohammad Shaquiquzzaman/ SPER	Design and synthesis of cyanopyrimidine derivatives targeting histone demethylase 1 as potential anticancer agents	SERB	13.09.2021	26,58,800
2.	Dr. Farah Khan/SCLS	Effects of Unani preparations on macrophage polarization and its role in increased browning of fat leading to amelioration of insulin resistance	CCRUM	08.10.2021	53,72,000
3.	Prof. Jitendra Kumar Batra/SCLS	Investigation of mechanism of function of RNase P of Mycobacterium tuberculosis: exploration as a drug target	SERB	01.11.2021	42,46,800
4.	Prof. A. Ray/HIMSR	Pharmacological Studies to evaluate the effects of Withania somnifera in experimental models of post traumatic stress disorder(PTSD) and its mechanism in rates.	ICMR	31.07.2021	19,01,424

5.	Prof. Divya Vohra/ SPER	Upgradation and modernisation of neurobehavioural pharmacology laboratory with RT-PCR to enable basic and translational research to understand molecular and cellular pathways involved in neurological diseases as also for PG Teaching and training	AICTE	01.12.2021	12,00,000
6.	Dr. Meely Panda/ HIMSR	A cross sectional study to assess perception and proportion of sexual harassment among working women in health section of India an exploration of facts	ICMR	01.11.2021	4,70,330
7.	Dr. Mairaj Ahmed Ansari/SCLS	Characterization of M.tb, MDR-M.tb, BCG, rBCG, infected Alveolar macrophages and ESAT-6 antigen over expressing cells derived exosomes and their potential as effective adjuvant and candidate	SERB	26.03.2022	20,07,500
8.	Prof. Suhel Parvez/ SCLS	Penumbra of learning: role of plasticity related proteins in behavioural tagging	DST	28.08.2021	53,97,800
9.	Dr. Shubha Shukla/ HIMSR	Neuroprotective and neuritogenic effects of a cell-permeable bacterial histone-mimic protein: therapeutic implications for neurodegenerative pathologies	SERB	10.10.2021	16,74,000

B. Projects awarded during the year 2021-2022 (Projects awarded to Teachers as Principal Investigator)

Sl.	Name of the Faculty member	Title of the project	Name of the funding agency/ research scheme	Tenure	Amount sanctioned in (Rs.)
1	Prof. S. Raisuddin, SCLS	Developmental bisphenol A exposure and attention deficit hyperactivity disorder (ADHD) in protein malnourished host	ICMR	3 years (10-08-2021-09-08-2024)	27,85,340 (First Year)
2.	Dr. Imran Ahmad Khan, SCLS	Towards the design and synthesis of multivalent cholera toxin antagonists: A novel cholera prophylactics.	ICMR	3 years (23-08-2021-22-08-2024)	19,48,318 (First Year)
3.	Dr. Syed Shafi, SCLS	Development of Michael acceptor based peptidylcinnamic acid and chalcone derivatives as cysteine protease inhibitors for leishmaniasis.	ICMR	2 years 02-03-2022-01-03-2024	13,72,577 (First Year)

4.	Dr. Jagrati Narang, SCLS	Electrochemical sensor connected to smart phone app for club drug detection at point of need.	DBT	1 year 29.10.2021-28.10.2022	11,24,080 (First Year)
5.	Dr. Surajit Ganguly, SIST	Studies to decipher the mechanisms inducing disruption in hippocampus dopaminergic homeostasis by peripherally restricted bacterial infection.	ICMR	3 years (01.11.2021-31.10.2024)	26,63,318 (First Year)
6.	Dr. Surajit Ganguly, SIST	Validation and characterization of novel functional role of SARS-CoV-2 ORF8 protein in tricking host complement system using molecular mimicry.	DBT	1 year 25-06-2021-24-06-2022	23,61,860
7.	Dr. Anugamuthu Selvapandiyan, SIST	Therapeutic switching and nano-conjugation of P13K/AKT pathway modulator(S) with leishmanial drug target inhibitor(s) as potential	ICMR	2 Years (25.01.2022-24.01.2024)	8,39,038
8.	Dr. Anugamuthu Selvapandiyan, SIST	Gene functional analysis and development of Live attenuated vaccine candidates of leishmania parasites against leishmaniasis using CRISPR cas9 approach	ICMR	3 Years (02.03.2022-01.03.2025)	38,71,979
9.	Prof. Yasmin Sultana, SPER	Surface engineered cyclodextrin/phospholipid inclusion complex tagged esketamine loaded nanofibers for effective oral delivery for treatment-resistant depression (TRD).	SERB (ASEAN-India Collaborative Research Project)	2 years (11.08.2021-10.08.2023)	38,11,940
10.	Dr. Rikeshwer Prasad Dewangan, SPER	Design and synthesis of intracellular targeting novel antimicrobial peptides against multidrug resistant ESKAPE pathogens and mode of action studies	ICMR	1 year (14.06.2021-13.06.2022)	24,21,118
11.	Dr. Harleen Kaur, SEST	Building a cyber-security tool for IoT devices: Discovering, identifying vulnerabilities and propose a solution	MEIT, Govt. of India	2 years (16.07.2021-15.07.2023)	32,00,000

2. CENTRE FOR EXCELLENCE PROJECT

Sl. No.	Title of the project	Name of the Faculty/PI and Co-PI	Department	Name of the funding agency/ Research Scheme (if any)	Duration
1.	Centre of Excellence in Unani Medicine.	Prof. Sayeed Ahmad, SPER; Prof. Arif Zaidi, SUMER	SPER, SUMER	Ministry of AYUSH, Govt. of India	(24.03.2022-23.03.2025)

3. Consultancy Projects taken up by the Faculty Members

S. No.	Name of the Teacher	Sponsor	Funds Generated (in Rs.)
1.	Dr. Bibhu Prasad Panda, SPER	M/S. Multani Pharmaceutical, New Delhi	40,000
2.	Dr. Zeenat Iqbal and Dr. Amir Mirza, SPER	M/S SREE Charitable Trust, Chintaluru, AP	1,90,000
3.	Dr. Bibhu Prasad Panda, SPER	M/S/ Aryan International, New Delhi	7,000 per sample
4.	Dr. Zeenat Iqbal and Dr. Amir Mirza, SPER	M/S. Venkateswara Ayurveda Nilayam Ltd., Chintaluru, AP	20,000 per month stipend to a research scholar

4. DST – STUTI Project

Sl. No.	Title of the project	Name of the Faculty/PI and Co-pI	Department	Name of the funding agency/ Research Scheme (if any)	Duration	Duration (Rs.)
1.	Synergistic Training Programme Utilizing the Scientific and Technological Infrastructure (STUTI)	Prof. Suhel Parvez, SCLS	Medical Elementology & Toxicology	DST	One Year (2021-2022)	2,25,32,000

5. DST- Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST)

Sl. No.	Department	School	Tenure	Amount sanctioned (in Rs.)
1	Biotechnology	SCLS	5 years	80,00,000
2	Biochemistry	SCLS	5 years	1,15,00,000
3.	Pharmacology	SPER	5 years	1,01,20,000
4.	Computer Science	SEST	5 years	1,10,00,000
5.	Food Technology	SIST	5 years	1,55,00,000

6. MoU Signed with Organizations/Institutions

Sl. No.	Organization/Institution	Purpose	Date MoU signed
1	Sir Ganga Ram Hospital, New Delhi	Research and academic	16-07-2021
2	Indian Pollution Control Association (IPCA)	Waste management	11-02-2022

7. National Science Day Celebration (February 28, 2022)

Jamia Hamdard celebrates National Science Day each year on 28th February to commemorate the day the “Raman Effect” by the Nobel Laureate Sir *Chandrasekhara Venkata Raman*. This event is conducted by the Office of the Advisor (Research)/ R&D Cell. An eminent scientist is invited to deliver a lecture on the theme declared by the DST. The theme for year 2022 was “Integrated Approach in S&T for Sustainable Future”. It was of a great moment for Jamia Hamdard when Dr. Jitendra Singh, the Hon’ble Union Minister of State (Independent Charge) of the Ministry of Earth Sciences, Minister of State (Independent Charge), Ministry of the Science & Technology and the Minister of State in PMO, Government of India graced the occasion of celebration of the National Science Day on February 28, 2022 as the Chief Guest. Mr. Hammad Ahmed, Hon’ble Chancellor graced the occasion. Dr. S. Chandrasekhar, Secretary, DST, Government of India was the Guest of Honour. Prof. M. Afshar Alam, Vice Chancellor, Jamia Hamdard presided over the function.

The Hon’ble Minister, Dr. Jitendra Singh inaugurated the Transmission Electron Microscope (TEM) Facility at the School of Pharmaceutical Education Research (SPER). This facility is supported by the DST-PURSE Grant and is one of its kinds in Delhi NCR. TEM Facility will greatly augment the research activities of Jamia Hamdard in the field of biomedical and pharmaceutical research.

After welcoming the guests, Prof. S. Raisuddin, Director, Research and Development Cell spoke about the research centric orientation of Jamia Hamdard and highlighted the high quality of research conducted by the research scholars and faculty members. Dr. Jitendra Singh ji in his speech spoke about the on-going ‘Azadi Ka Amrit Mahotsav’ to commemorate the 75 years of our independence. He was of view that it was also an Amrit Mahotsav of Science in a way as along with country our science also got independence. He emphasized that science is universal and has no boundaries. He enlightened the audience about the initiatives taken by the Hon’ble Prime Minister of India to inculcate and promote the indigenous science and medicine practices with the

help of the Ministry of AYUSH. He urged that efforts should be made to integrate all the medicine systems under one umbrella so that a patient with a single card can consult all consultants of the medicine system suiting to his/her disease.

The Secretary DST, Dr. S. Chandrasekhar in his speech mentioned about the support offered by DST to Jamia Hamdard and he urged that research facilities, especially the equipment to be made accessible to all at an affordable fee and the facility should be open 24x7 manner. The Vice Chancellor thanked the DST for its continued support. He assured that all efforts will be made to extend facilities and training to students and teachers. In this regard, under STUTI programme of DST, a large number of students and teachers from Delhi schools have visited the Jamia Hamdard campus to see and feel the research laboratories and instrument facilities. In the next phase of programme training of researchers will be organized. He congratulated all the faculty members and research scholars for their scientific achievements.

On this occasion, Hon’ble Minister released 11 books written/edited by faculty members. Faculty members and scholars were also felicitated for other scientific achievements and their high quality publications. Jamia Hamdard witnessed a significant jump in quality publications from the last year. Mr. Syed Saud Akhtar, Registrar Jamia Hamdard presented vote of thanks and appreciated the Hon’ble Minister for his precious time. He also thanked the Secretary, DST, and the Chancellor for gracing the occasion.

Hon’ble Minister felicitated the faculty members and research scholars for their accomplishments in the field of Science and Technology. Jamia Hamdard felicitates Faculty Members and Research Scholars under the following research promotion schemes on regular basis:

- a. Cash Incentive is provided to Faculty Members, Post-Doctoral Fellows and Research Scholars for publication in reputed journals with high impact factors.
- b. Cash Incentive is also provided to Faculty Members for their highly cited publications.





ADMISSION CELL

The admission process at Jamia Hamdard begins in the month of February-March with constitution of University Level Admission Committee and Central Admission Core Committee along with approval of new courses, sanctioned intake, and eligibility criteria by the Departmental Board of Studies, Academic Council and subsequently by the Board of Management of Jamia Hamdard. The Course fee of the session was approved by the Fee Committee constituted by the Vice Chancellor which included a Retired Judge from the High Court. The necessary approvals are generally taken in by the end of February and the admission portal is then opened from May to July followed by Counselling and Admissions being initiated in the last week of July.

For the academic year 2021-2022, Jamia Hamdard introduced following new programs:

1. Master of Arts in International Studies
2. Master of Arts in Public Policy & Governance

3. M.Sc. in Computational & System Biology and Bioinformatics
4. M.Sc in Medical Virology

As the offline counseling was also not feasible due to COVID-19 pandemic, JH decided to use online counseling method. The total number of applications received for various Undergraduate, Postgraduate and Doctoral Programme is 1535263. All the data and documents so received were manually verified by the teams of Counsellors provided by various Schools.

The first admission list was declared in the last week of July, 2021. Overall 3833 students took admission in Jamia Hamdard of which around 43% were female candidates and around one third of total candidates belongs to SC/ST/OBC Category representing the Jamia Hamdard commitment of empowering the vulnerable section of the society.

DETAIL OF STUDENTS ADMITTED IN 2021-22

Total students admitted of All Schools 2021-22	No. of Seats	Total No. of Students Including SC, ST, OBC, Physically Handicapped, (PH), NRI/Spond. Foreigner			SC	ST	OBC	PH	NRI/Spond.	For- eign- er	Mus- lims	Oth- er	
		Male	Female	Total									
1	Hamdard Institute of Medical Sciences & Research (HIMSR)	241	98	115	213	2	1	54		27	-	126	87
2	School of Nursing Sciences and Allied Health	185	41	127	168	14		62	-	-	2	111	57
3	Department of Rehabilitation Sciences	132	27	93	120	3		28	-	-	1	101	19
4	Department of Paramedical Sciences	422	215	168	383	12	3	111		3	-	316	67
5	School of Pharmaceutical Education & Research	269	199	119	318	8	1	67	3	9	51	224	94
6	School of Chemical and Life Science	360	88	250	338	15	1	55		1	1	194	144

7	School of Engineering Sciences & Technology	780	554	141	695	11		153	2	3	5	543	152
8	School of Management & Business Studies	550	444	209	653	7	2	124		3	6	541	112
9	School of Humanities and Social Sciences	145	41	66	107	1		32	-	-	6	98	9
10	School of Interdisciplinary Sciences & Technology	95	35	44	79	1	-	20	-	-	2	55	24
11	School of Unani Medical Education & Research	74	31	43	74	-	-	23	-	7	-	74	-
12	Hamdard Institute of Legal Studies & Research (HILSR)	120	77	51	128	-	-	41	-	-	-	118	10
13	School of Media Education & Mass Communication	60	28	21	49	-	-	6	-	-	-	46	3
14	Jamia Hamdard off Campus, Kannur	400	161	211	372	-	-	372	-	-	-	368	4
	Total in the School	3833	2039	1658	3697	74	8	1148	5	53	74	2915	782

EXAMINATION CELL

NUMBER OF STUDENTS PASS OUT IN 2022

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES	
Islamic Studies	
Course Name	No. of Students
B.A. (Islamic Studies)	20
M.A. (Islamic Studies)	14
Federal Studies	
Course Name	No. of Students
M.A. (Human Rights)	11
SCHOOL OF PHARMACEUTICAL EDUCATION AND RESEARCH	
Pharmaceutics	
Course Name	No. of Students
D.Pharm.	49
B.Pharm. (Reg)	56
B.Pharm. (Reg) L.E.	06
B.Pharm. (SFS)	61
B.Pharm. (SFS) L.E.	06
M.Pharm. - Pharmaceutical Chemistry	09
M.Pharm. - Pharmaceutical Analysis	08
M.Pharm. - Pharmaceutics	18
M.Pharm. - Pharm. Quality Assurance	08
M.Pharm. - Pharmacology	14
M.Pharm. - Pharmacy Practice	07
M.Pharm. - Pharmacognosy and Phytochemistry	07
M.Pharm. - Pharmaceutical Biotechnology	05
SCHOOL OF CHEMICAL AND LIFE SCIENCES	
Course Name	No. of Students
B.Sc. Biochemistry	18
B.Sc. Biotechnology	28
B.Sc. Botany	17
B.Sc. Chemistry	11
B.Sc. Toxicology	11
B.Sc. Clinical Research	17
M.Sc. Biochemistry	23
M.Sc. Biotechnology	46

M.Sc. Botany	38
M.Sc. Chemistry	31
M.Sc. Toxicology	21
M.Sc. Clinical Research	22
SCHOOL OF MANAGEMENT AND BUSINESS STUDIES	
Course Name	No. of Students
BBA	128
MBA IB	11
MBA HR	24
MBA F	31
MBA MM	38
MBA (HM)	35
MBA (PM)	55
SCHOOL OF NURSING SCIENCES AND ALLIED HEALTH	
Course Name	No. of Students
Post Basic B.Sc. Nursing	29
B.Sc. Nursing (Hons)	46
M.Sc. Nursing (Obstetrics and Gynaecology Nursing)	03
M.Sc. Nursing (Mental Health (Psychiatry) Nursing)	04
M.Sc. Nursing (Child Health (Paediatric) Nursing)	01
M.Sc. Nursing (Medical Surgical Nursing)	04
BMLT	60
ETCT	18
BOPT	33
BMIT	31
BMIT(LE)	16
BDT	21
BAOTT	32
BMR &HIM	05
BCLT	25
DOTT	11
DMR &HIM	05
DXE	06
DDT	05
MMLS	06

MMIT	20
MOPT	08
MPT -S	05
MOT -P	06
MPT- N	05
MPT-C	05
MPT-M	06
MOT -M	06
BPT	32

SCHOOL OF HAMDARD INSTITUTE OF MEDICAL SCIENCES AND RESEARCH

Course Name	No. of Students
M.Sc. Anatomy	04
M.Sc. Biochemistry	06
M.Sc. Physiology	07
M.Sc. Microbiology	08
MD Community Medicine	01
MD Pathology	01
MD Anatomy	01
M.Sc. Public Health	05

SCHOOL OF INTERDISCIPLINARY SCIENCES AND TECHNOLOGY

Course Name	No. of Students
B.Tech	41
M.Tech	30
MSC Biomedical Science	15

KANNUR

Course Name	No. of Students
B.Sc. (Psychology)	48
B.A. (English)	43
BBA	53
BCA	52
B.Com (Finance)	54
B.Com (Comp. Applications)	51
M.Com (Finance)	08

SCHOOL OF UNANI MEDICINE AND RESEARCH

Course Name	No. of Students
Diploma in Unani Pharmacy 1 year	07
Diploma in Unani Pharmacy 2 year	05
BUMS	49
MD(U) (Ilmul Advia)	02
MD (Tahafuzi wa Samaji Tib)	03

SCHOOL OF ENGINEERING SCIENCES & TECHNOLOGY

Course Name	No. of Students
B.Tech(CSE)	170
B.Tech(CSE Lat.Entry)	12
B.Tech(ECE)	62
B.Tech(ECE Lat.Entry)	03
BCA	143
MCA (3 years programme)	12
MCA (2 years programme)	62
M.Tech(CSE)	17
M.Tech(P.T)	08
M.Tech(CFIS)	10
M.Tech(DS)	13

SCHOOLS / CENTRES





SCHOOL OF CHEMICAL AND LIFE SCIENCES (SCLS)

Dean: Prof. Shakir Ali

This School consists of 05 Departments and a Centre for Translational and Clinical Research. The School offers Doctoral, Post Graduate and Graduate programs of study in the area of Biological and Chemical Sciences. Postdoctoral fellows are also part of the School and most of them avail prestigious fellowships of extramural funding agency.

SCLS houses some of the state-of-the-art facilities as well as high end sophisticated equipments for cutting edge research in the area of biological and chemical sciences. Facilities for Plant Tissue Culture, Animal Cell Culture and BSL-II laboratory facilities are available in the School. Additionally, Transgenic Containment facility, *Drosophila* Lab facility, *C. elegans* facility, Neurobehavioral facility are also part of SCLS. The School also manages a Herbal garden, and CPCSEA-registered Central Animal House Facility. The high-end instruments include confocal microscopy, chemiluminescence spectroscopy, and flow cytometry/FACS, FTIR, ultracentrifuges, gradient PCR, RT-PCR, GC, HPLC and GC-MS which are stationed either at the Departments or at the Central Instrumentation Facility.

The School has published numerous research papers since its inception in peer reviewed journals of National and International repute. Hundreds of students have qualified for various National Level Examinations including NET-JRF (CSIR, UGC, DBT, ICMR), GATE etc. Ph.D. scholars are availing fellowships from CSIR, UGC, ICMR, DST and DBT. Our students are placed both nationally as well as internationally.

DEPARTMENTS & CENTRES OF THE SCHOOL OF CHEMICAL AND LIFE SCIENCES

- Department of Biochemistry
- Department of Biotechnology
- Department of Botany
- Department of Chemistry
- Department of Medical Elementology and Toxicology
- Centre for Translational Sciences and Clinical Research

Department of Biochemistry

This Department of SCLS started teaching in 1994. The department is known both nationally and internationally for its cutting-edge research and best practices and excellence in teaching. The Department offers M.Sc. and B.Sc. (Hons.) under Four-Year Undergraduate Program (FYUP). It also offers Ph.D. in its thrust areas.

The faculty is highly accomplished and known for excellence in cutting-edge research in biochemistry and allied disciplines. Apart from grants from various prestigious funding agencies such as CSIR, ICMR, CCRUM, DST and DBT, the department is a recipient of the UGC Special Assistance Program (UGC-SAP) and has been upgraded to DRS II. The Department has also been granted “Fund for Improvement of S&T Infrastructure (FIST)” by the Department of Science & Technology (DST), Government of India and has got a huge grant of over 2 Crores from DBT under BUILDER scheme.

The department is equipped with smart classrooms and well-equipped laboratories for PG and UG students, which is in addition to the Central Instrumentation Facility of the School and a dedicated instrumentation facility. The departmental instrumentation facility is equipped with some of the high end equipments. Over the years, the Department has developed facilities for high precision analytical work and has acquired equipments and tools for cellular and molecular research including the facility to work on cell lines.

The academic curriculum is periodically revised in consultation with external experts and with the approval of the Board of Studies and Academic Council to keep the students abreast with current trends in Biochemistry. The syllabus is well aligned with the key national level scholarship programs such as Junior Research Fellowship (JRF) examinations conducted by CSIR-UGC, DBT and ICMR. Hands-on training is imparted to students in most of the contemporary areas to prepare the students to undertake research in cutting-edge fields for their Ph.D. within the university or outside. There is a fine balance in class room teaching and hands-on experimental training.

THRUST AREAS

- Cancer etiology, DNA damage and repair, Nutrigenomics and Proteomics
- Disease mechanisms - the cell and molecular biology, innate immunity, chronic human diseases, tissue injury, regeneration and repair
- Molecular Immunology, Development of FRET Based Biosensors.
- Alternative splicing and disease
- Toxicant-mediated metabolic syndrome
- Role of novel kinase pathways in virus mediated oncogenesis
- Host pathogen interactions
- Computational biology

The Department regularly organizes seminars, workshops, brain-storming and interactive sessions for the students, besides providing training to students and staff from other institutes, universities and colleges. The faculty actively participates in international and national conferences, seminars, workshops, meetings, orientation and refresher courses. Teachers of the department are well recognized by other Universities and Institutes and are on their panel of experts. Students are encouraged for creative learning and to deliver lectures/debates on topics of current interest in biological sciences. Students have high rate of success in various competitive examinations and many of the pass outs are working in premier institutes and companies in India and abroad. About 200 students of the department have qualified various national level tests since its inception in 1994. Students are working as scientist and academicians in government setups including DRDO, CSIR, CCRUM/ AYUSH and various Indian universities and abroad, as well as taking up jobs in private sector.

Department of Biotechnology

The Department is supported by FIST (DST, Govt. of India) and SAP (UGC). It offers 4-Years B.Sc. (Hons.) Biotechnology under FYUP and 3-Years B.Sc. (Hons.), a 2-Year M.Sc. Biotechnology, and Doctoral research leading to Ph.D. degree in Biotechnology. Besides, the department provides opportunity for post-doctoral research. The faculty members of the Department have been able to attract a large number of extramurally funded research projects from various funding agencies such as DBT, DST, CSIR, ICAR, ICMR, DRDO, UGC, DOEn, ISM&H, CCRUM, and AYUSH.

M.Sc. students in their final semesters are allowed to do an intensive project work with teachers of the department as mentors covering literature survey, benchwork (wet lab), data generation, thesis-writing and presentation skills.

VISION OF THE DEPARTMENT

The Department of Biotechnology at Jamia Hamdard, New Delhi was established in the year 1997 with a vision to be recognized as a Department of International repute with a strong interdisciplinary research and teaching base in Plant and Animal Biotechnology with active collaboration with industries and health-care institutions.

RESEARCH AREAS

- Molecular biology and regulation of gene expression in infectious and non infectious diseases.
- Host pathogen interaction, molecular immunology, molecular virology and drug delivery.
- Clinical virology and vaccine development.
- Development of diagnostic tests.
- Development of nano-enabled interfaces and multiplexed paper-based devices for the detection of diseases.
- Genomics/Proteomics of cancers and development of biomarkers for early detection and as valuable therapeutic targets.
- Conservation of medicinally important endangered plants through in vitro approach.

- Enhancement in the yield of secondary metabolites in medicinal plants via stress, culture conditions, genetic engineering and nanoparticles.
- Transgenics of vegetables, floriculture and oil crops.
- Evaluation of anti-cancer potential of herbal based compounds and their nano formulations.
- Stress biology, mechanism of protein folding and stabilization.

INFRASTRUCTURE

Departmental Instrumentation Facility (DIF): DIF is well equipped with basic and advanced instruments for training of students and research purpose like Weighing balance, Ice flaking machine, Autoclaves, Millipore water system, Centrifuge, PCR, spectrophotometer, Freeze dryer, Ultradeep freezer (-80°C) Real time PCR, Rota evaporator, GC-MS, Fluorescence Microscope, UV chamber, Shaking incubator and Ultra-centrifuge.

Animal Cell Culture Facility: Animal cell culture facilities are well equipped with CO₂ incubators (New Brunswick, Shell lab), water bath, cabinets and microscopes. We have one well equipped dedicated cell culture facility for students training purpose. The departmental cell culture facility is used by research scholars and faculty members.

Plant Tissue Culture facility: A sterile area for media preparation and storage, Laminar air flow chambers with HEPA filters, culture room with well-controlled temperature, humidity, air circulation and light quality and duration is available for the MSc students and researchers. Besides, Plant Growth Chamber is available in the Department. Hardening of in vitro raised plants is done in greenhouse by the researchers.

BSL-II-B2 laboratory: Our Department also have well equipped BSL-II facility, with Biosafety level II B2 cabinet (Haier), CO₂ incubator and microscope for infectious disease and clinical studies.

Confocal microscopy: Our Department is also having functional Confocal Laser Scanning Microscope from Leica Microsystem for use of MSc students and PhD Scholars of the Department as well as other Department and Schools of Jamia Hamdard.

Apart from above mentioned departmental common

facilities, each faculty of the department have their own well-equipped laboratories required for research purpose. Besides, we are also availing FACS (BD) and nano-LC-MS (Waters) facilities available in the University.

CENTRE FOR TRANSGENIC PLANT DEVELOPMENT

Centre for Transgenic Plant Development (CTPD) as a unit of the Dept. of Biotechnology, was established in February 2004 with the research grants of CSIR (TMOP&M), Department of Agriculture Cooperation and Farmers Welfare, Govt. of India and inaugurated by Hon'ble Minister of Agriculture. CTPD has a mandate for research in the development of transgenic plants with improved yield and quality of produce as well as development of DNA based finger prints for authentication of traditional medicines. Various labs in the Centre have specialized equipments and facilities to work. It is equipped with the state-of-the-art facilities to train PhD and postdoctoral students and to carry out research in various disciplines of Plant and Microbial Biotechnology. The major R&D activities being pursued include cloning and characterization of novel genes linked with tolerance to biotic and abiotic stresses and quality traits of medicinal and crop plants, authentication and standardization of crude components of herbal formulations and nano vehicle assisted gene delivery in plants. The thrust areas of centre also include improving the quality of medicinal crops through genetic engineering of metabolic pathway; miRNA and RNAi approaches, conservation of medicinal plants; developments of easy, rapid, sensitive, cost effective method for aflatoxigenic mould detection in the groundnut kernels and soil and identification and quantification of aflatoxins in the food and feed. The centre is funded by Jamia Hamdard and other government agencies such as DST, DBT, Department of AYUSH, CCRUM, CSIR, ICMR, DRDO etc. for R&D projects carried out at the Centre. The consultancy projects from biotech companies are also carried out in the centre.

EXTRAMURAL RESEARCH FUNDING

The faculty members of the Department have been able to attract number of extramurally funded research projects from various national and international funding agencies such as DBT, DST, SERB, CSIR, ICAR, ICMR, DRDO, UGC, DoEn, ISM&H, CCRUM, and AYUSH Ministry.

UGC-Special Assistance Program

The SAP scheme was initiated in 1963 by University Grants Commission keeping in view the recommendations of the Education Commission to facilitate the selected number of University Departments having some potential in research and teaching. The programme is intended to encourage the pursuit of excellence and teamwork in advanced teaching and research to accelerate the realization of international standards in specific fields. The Department of Biotechnology, Jamia Hamdard was selected under UGC-SAP (DRS-I) from 2011 to 2016 with a sanctioned amount of Rs. 65 Lakhs. Again in 2017, seeing the potential in research and teaching, Department of Biotechnology recommended to UGC-SAP (DRS-II) from 2018 to 2022 with a sanctioned amount of Rs. 116 Lakhs.

DST-FIST

Universities are cradles of innovation and knowledge creation. Research in universities has three-tier effects concerned with quality of under-graduate & postgraduate education and value of research.

They are the source of generating high caliber manpower and repositories of national intellectual wealth in Science & Technology (S&T) sector, which if channelized properly, may lead to socioeconomic development. In the emerging global scenario, India can be an ideal destination due to its cost effectiveness and availability of knowledge base. It must also aim for a permanent position in the field of Science & Technology. Considering the present status of the S&T sector in the universities and related academic institutions who are in dire need for strengthening the existing S&T infrastructure support with adequate funding and associated flexibility, Government of India in the year 2000 announced a major new initiative titled "Fund for Improvement of S&T infrastructure in universities & higher educational institutions (FIST)" to rebuild the Science & Technology infrastructure in the country. The quality of UG and PG education and value of research, Department of Science and Technology, Govt. of India recommended Department of Biotechnology, Jamia Hamdard under DST-FIST (Phase-I) in 2019 and sanctioned an amount of Rs. 80 Lakhs.

Department of Botany

The Department of Botany, which came into existence in the year 1989, has developed strong research programmes in the fields of stress physiology, structural & developmental botany, environmental botany, plant systematics, medicobotany, plant biotechnology and plant molecular biology. The first registration for Ph.D. dates back to 1991 while the post-graduate and under-graduate teaching programme started in 1994 and 2017. The first Ph.D. from the department was awarded in 1995 and the first batches of students were awarded M.Sc. and B.Sc. (Hons.) in 1996 and 2020, respectively. An Advanced Diploma in Environmental Monitoring and Impact Assessment is also being offered by the Department through distance mode of learning.

During the last 31 years, as many as 114 students have received Ph.D. degree. The alumni of the department are noted teachers and scientists occupying important positions in Indian universities, research institutions, colleges and non-governmental organizations. The department has been acknowledged for its excellence and creativity by various funding agencies of National/ International repute.

Twenty three research projects from various funding agencies including DBT, DST, UGC, AYUSH, IPI, CCRUM, have been successfully completed in the department. The department has received generous funding under DST-FIST & UGC-SAP (DRS-I) programmes. At present the department is receiving a substantial funding from DST-SERB and UGC.

The students of department have been successfully clearing the national level exams including JRF/NET/GATE and have been selected in reputed institutions such as JMI, Delhi University, AMU, Amity University, IGNOU, Kashmir University, NIOS, DRDO, Integral University etc. Besides national institutions, students of Botany department has been enrolled in Ph.D. programme of International universities. Moreover, students of botany have been qualifying the highest level of civil services exams including IAS, IPS, KAS.

THRUST AREA OF RESEARCH

- Understanding the physiological and molecular mechanisms of abiotic stresses
- Identification and characterization of medicinal plants and their active ingredients
- Ethnobotany and plant systematics
- Tissue culture studies for alkaloid production, clonal multiplication and preservation of endangered plant species
- Identification and characterisation of plant viruses

Research Facilities

The Department has well equipped laboratories for research. The available equipments include growth chambers, BOD incubators, refrigerated microfuges, laminar air flow, shakers, environmental shaker incubator, double beam spectrophotometer, PCR, high speed cold centrifuge, deep freezer (-20, -80,), IRGA (Photosynthesis System), leaf area meters, flame photometer, sliding and rotary microtomes, gel documentation system and Nikon phase contrast microscope with photographic attachment, weather station attached with gas monitoring sensors, spectrophotometers, chlorophyll fluorometer, plant canopy analyzer, rotavapor, sound level meter, gas and dust analysing system and inverted fluorescent microscope among others. A modest green house and net house is also available.

Department of Chemistry

The Department of Chemistry is well known for its excellence in teaching and research. The mission of the Department is to provide knowledge in Chemistry that offers opportunities for a comprehensive learning experience for students. The Department offers undergraduate and postgraduate programme in Chemistry under the new education policy as well as research guidance to Ph.D. and Post-doctoral students.

The curriculum of the postgraduate programme is an outcome of continued, collective and collaborative effort with a vision to develop an innovative, responsive, inclusive, flexible, and dynamic curriculum in tune with the global educational needs for the 21st century and the national education policy 2020. Our curricular structure, courses, pedagogy and assessment have catered to the development of diversified, integrated, interdisciplinary skills as well as the inculcation of the values to survive in the highly competitive and skilled society.

Advanced level optional courses are also offered at the Ph.D. level. Collaborative research programmes with many research laboratories and research institutes in Delhi and outside India are also operating very successfully with mutual benefit. The Department has distinguished itself as a centre for innovative and pioneering research in a wide range of areas in chemistry interfacing with physical and biological sciences. Department has funding from the Ministry of AYUSH, WHO, Indian Council of Medical Research (ICMR), the Department of Biotechnology (DBT), Defence Research & Development Organisation (DRDO), University Grant Commission (UGC) etc. The University is also funding the faculty through Research Promotion Grants for beginners.

The students are assigned intensive project assignments on topics of current research interest and are exposed to sophisticated instrumental techniques. The exposure gives them the idea of high-quality research in their budding stage and makes them grow as world class graduates committed to integrity, professionalism and lifelong learning by widening their knowledge horizons in range and depth. With Wi-Fi facility in the department and hostel, the students have access to internet, most of the research

journals and e-contents round the clock.

Students are prepared for competitive examinations including NET, GATE etc. It helps them getting employment in reputed pharmaceutical companies like Sun Pharmaceuticals Ltd. Jubilant Organosys, Glenmark, Wockhardt, Rexin, Indian Oil and other allied industries in addition to placements in Universities and colleges for teaching and research institutions for doctoral and postdoctoral positions. The department also offers a programme in PG Diploma in Chemoinformatic under Open and Distance Learning Mode.

The faculty members with varied expertise are engaged in teaching and research and have a good reputation in their respective fields of specialization as evident from their publications in peer reviewed journals of high impact factor viz American Chemical Society, Royal Society of Chemistry, Wiley Interscience, Elsevier, Springer Science group and Nature publication.

VISION AND MISSION OF THE DEPARTMENT

Vision: Department aspires to attain global recognition in chemistry education, research and training for meeting the growing needs of industry and society.

The mission of the Department includes:

- To make the department a growing centre of excellence in teaching, cutting-edge research, curriculum development and popularizing Chemistry.
- To impart education through a well-defined curriculum driven by the needs of the students, the mission of the institution and the program, the standards of the discipline, and the needs of the partners.
- To provide state of art research facilities to generate new knowledge and develop new technologies in the thrust areas of chemistry.
- To develop linkages and collaborations in order to strengthen industry-academia relations for mutual benefit and address problems of societal importance

- To outreach in the form of books, online courses, and other Chemistry education activities that showcase the role of Chemistry as a central science.
- Anti-cancer agents and anti-inflammatory agents.
- Anti-hyperglycemic agents.
- Anti-microbial agents (anti-tubercular, anti-leishmanial etc.)
- Natural products chemistry and natural product inspired pharmacophore development.
- Nano-synthesis and drug delivery.
- Medicinal chemistry
- Molecular machines in drug delivery systems.
- Soft matter and chemistry of nano-bio interface.

THRUST AREAS OF THE DEPARTMENT

Department of Medical Elementology and Toxicology

The Department of Medical Elementology and Toxicology is one of the few Departments in India having full-fledged academic programme at Postgraduate and Doctoral levels in Toxicology. The Department has made its mark in Toxicological research and has been supported by the Department of Science and Technology (DST) through Fund for Improvement of S&T (FIST) Infrastructure in Universities & Higher Educational Institutions Programme and University Grants Commission (UGC) Special Assistance Programme (SAP). Ph.D. degree in Toxicology is being awarded in different fields of toxicology. The Department has collaborative programmes with many reputed institutes such as Indian Institute of Toxicological Research (IITR-CSIR), Lucknow; Central Drug Research Institute (CDRI-CSIR), Lucknow; Indian Institute of Integrative Medicine (IIIM-CSIR), Jammu; Institute of Nuclear Medicine and Allied Sciences (INMAS-DRDO), New Delhi, etc.

The Department has received funding support from agencies such as Council of Scientific and Industrial Research (CSIR), Central Council for Research in Unani Medicine (CCRUM), Department of AYUSH, Department of Biotechnology (DBT), Department of Science and Technology (DST), Indian Council for Medical Research (ICMR), Ministry of Environment and Forests and UGC. Every year a good number of students qualify fellowships offered by government agencies. Students who have obtained degree in toxicology have got placements in various companies and R&D institutes such as Sun Pharmaceuticals Ltd., CDRI, IITR, Dabur, Torrent, Cadila, Lupin, Dr.

Reddy's Laboratory, Sri Ram Institute of Industrial Research, Nestle, Himalaya, etc. The Department's distinguished Alumni as Faculty or Postdoctoral Fellows are spread all over the globe. More emphasis is given to develop academic and research skills of the students. M.Sc. programme has an integral component of dissertation work in the fourth semester. After completion of the course, students have job opportunities in industry and research organizations. A good number of students qualify NET examinations conducted by UGC-CSIR in Life Science and Forensic Science streams. The Department is fully-equipped with sophisticated equipment to perform research in all major fields of Toxicology including *in vitro* and *in vivo* toxicity studies.

Thrust Areas of Research

- Chemoprevention of cancer by plant products/indigenous medicines and standardization of such drugs.
- Toxic effects of endocrine disrupting chemicals (EDCs).
- Stress Biology: Oxidative stress and endoplasmic reticulum stress
- Neurodegenerative disorders and their protection.
- Role of trace elements in the manifestation of diseases.
- Ecotoxicity of environmental pollutants and their interactive effects.
- Immunotoxicity of drugs and environmental chemicals and its prevention.

- Molecular mechanism of nanoparticles in toxicity manifestation.
 - Animal models of arthritis for study of mechanism of action of protective agents.
 - Fruit fly (*Drosophila melanogaster*) as an alternate model of toxicology
 - Protein assembly and amyloid toxicity
 - Drug discovery against amyloidosis
 - Fabrication of amyloid-based smart materials
 - The enhancement of sirtuin protein expression through diet.
4. To expose students to application aspects of knowledge of toxicology, medical elementology and forensic toxicology for human welfare and environmental protection.

Centre for Translational Sciences and Clinical Research

The Department of Clinical Research was established in the year 2009 with an objective to train human resources in clinical research. In the year 2012 the department was renamed as a Centre for Translational and Clinical Research and its activities were expanded by including component of translational research. The Centre envisages imparting theory and practical training in all aspects of clinical research. It provides opportunity to young aspirants who desire to pursue a career in expanding healthcare sector in India and abroad. According to industry sources, the clinical research industry in India will require a large number of trained professionals in various aspects of clinical research in the coming years. Importance of clinical research has got recognition in recent years due to commendable growth in domestic pharma industry. Global pharma giants have shown interest to conduct clinical trials in India. Moreover, a number of Contract Research Organizations (CROs) have been set up in India. These organizations provide support to the pharmaceutical, biotechnology, and medical device industries in the form of research services outsourced on a contract basis. In view of all this developments demand for clinical research professionals in India is growing exponentially. Therefore, personnel involved in clinical research need to be trained in Good Clinical Practices (GCP).

Research Facilities

The Department has well equipped research facilities and laboratories for research in toxicology and allied fields. There are following distinct research laboratories for – Molecular Carcinogenesis and Chemoprevention, Molecular Toxicology, Molecular Neurobiology, Clinical Toxicology, and Protein Assembly. Besides, there are specialized laboratory facilities as Fly Lab, Cell Culture Facility, and Neurobehavioural Assessment Facility. All the laboratories and research facilities are equipped with equipment and other essential tools.

Vision

To impart education and training to young professionals in the field of toxicology, medical elementology and forensic toxicology for assessment and mitigation of risk of chemicals and drugs to human health and environment.

Mission

1. To enable students to develop critical thinking with regard to impact of chemicals on biosphere.
 2. To provide training using state of art tools and techniques to students to assess risk of chemicals and drugs to humans at various levels of biological organization and food web.
 3. To train students to the latest development in the field of regulatory framework with respect to use, transport, storage and disposal of hazardous chemicals.
- Efficacy and safety studies of drugs. Rationale use of drugs
 - Conduct of different phases of clinical trials and Bioequivalence studies
 - Epilepsy and neurobehavioural disorder mechanisms and repurposing drugs
 - Neurobehavioural and quality of life assessment in diabetes, chronic kidney disease, cancer patients etc.

THRUST AREA

- Meta-analysis and systematic reviews on various diseases
- Nanoformulations against skin cancers and CNS diseases

The Centre offers B.Sc.-M.Sc. Integrated programme with an exit option of B.Sc. (Hons.) in Clinical Research. The Centre also offers a four semester full-time M.Sc. programme in Clinical Research and Ph.D. in Clinical and Translational Science which takes care of all aspects of clinical research. The study programme is comprehensive based on both course work and hands-on research experience in leading pharmaceutical companies, hospitals and clinical research organizations. It is a multi-disciplinary study programme to prepare professionals in clinical research with training in the principles and methods of clinical research, clinical trials, epidemiology, health economics, biostatistics, bioethics, GCP, translational research and application of these principles to clinical trials. The Centre has established collaboration with Sun Pharmaceuticals Ltd., Max Healthcare Institute Ltd. INCLIN Trust Ltd., Rajiv Gandhi Cancer Institute and other leading clinical research organizations and Hospitals for practical and hands-on training of the students. The Centre also envisages

to organize communication skills workshop and regular seminars for the students to train them in writing and presenting research data, clinical reports, grant applications and case study reports. Students are also provided exposure to Institutional Review Board (IRB) meetings. The Centre collaborates with leading Hospitals and Pharmaceutical industries to conduct research at Post-graduate and doctoral level.

Placement opportunities for M.Sc. Clinical Research students are very bright. Alumni of the Centre have been placed in Novartis, Panacea Biotec, Troikaa Pharmaceuticals, Fortis, Jubilant, Indegene, IQVIA, Auriga Research Ltd., Max Healthcare Institute Ltd., PPD-Bangalore, Sun Pharmaceuticals Ltd., Religare, Totipotent, Baxter, Sir Ganga Ram Hospital, Escorts Heart Institute, Medanta, Pushpawati Singhanian Research Institute (PSRI), AIIMS-Rishikesh and New Delhi, Translational Health Science and Technology Institute (THSTI, DBT), Jamia Hamdard (in Ph.D. programme), BIT, Mesra (in Ph.D. programme) and abroad (Stanford, King's College, London). The students have also qualified NET Examination.

The Centre has received research grant from funding agency like Indian Council of Medical Research.

DEPARTMENT OF BIOCHEMISTRY

1. **School** : School of Chemical and Life Sciences
2. **Department /Centre** : Biochemistry
3. **Head of the Department** : Prof. Rana Zaidi
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Rana Zaidi	Ph.D.	Professor	HoD, Member Academic Council, Chairperson BoS, Department of Biochemistry Member School Board SCLS, Member Internal Grievance cell for teaching and non teaching staff. Committee Head of Eve Teasing Prevention Cell SCLS Coordinator of Committee to facilitate the Interschool teaching SCLS, Examination Superintendent
2	Shakir Ali	Ph.D.	Professor	In charge Central Animal House Facility Jamia Hamdard Finance Officer Dean of School of Chemical and Life Sciences
3	Farah Khan	Ph.D.	Associate Professor	On leave
4	Vikas Sood	Ph.D.	UGC FRP Assistant Professor	Member Examination committee Member, committee for MOOCS implementation, Department of Biochemistry, Jamia Hamdard. Member examination committee of the department.
5	Dr. Sayeed ur Rehman Abul Kalam	Ph.D.	Assistant Professor	Member Examination committee SCLS, B.Sc-M.Sc Integrated programme co-ordination committee, Admission in-charge Biochemistry Department. Nodal officer, I-card, School of chemical and Life Sciences Member, Core committee for NAAC visit.
6	Dr. Mohan Kamthan	Ph.D.	Assistant Professor	SCLS PhD Coursework Coordination Committee (Member), BSc Sem I and II Examination Committee (Member) SCLS, PhD Coursework Tabulation Committee (Member) Biochemistry Tabulation Committee (UG and PG) Co-ordinator, Journal club, SCLS Member, IPSC (IAEC proposal screening committee)

7	Dr. Saurabh Pandey	Ph.D.	Assistant Professor	Member Tabulation Committee, Member PhD coursework tabulation committee (SCLS), Member examination committee of the department. Co-coordinator, Journal club, SCLS Cancellation officer, SCLS, JH School level NAAC committee member NAAC Committee member, department of Biochemistry.
8	Dr. Nikhat Parween	Ph.D.	Assistant Professor (Contractual)	-
9	Dr. Neha Chanana	Ph.D.	Assistant Professor (Contractual)	-

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/ Doctoral)	Approved intake	Enrollment in the year
1	M.Sc. Biochemistry	PG	30	20
2	B.Sc.-M.Sc. Integrated (Biochemistry)	UG+PG	20	28
3	Ph.D. Biochemistry	Doctoral	NA	07

6. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Km. Neelofer	DHR-W/S	DHR	Diabetes
2	Roopali Rajput	CSIR-RA	CSIR	Infection Biology
3	Naira Rashid	DHR-W/S	DHR	Protein structure and function
4	Insha Sultan	ICMR-RA	ICMR	Protein structure and function

7. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Rahila Sardar	Integrated approaches for the analysis of high throughput datasets in human diseases	Prof. Shakir Ali	MoU	ICMR-SRF	ICMR
2	Shweta Singh	Functional Characterisation of Novel Proteases in Plasmodium falciparum	Prof. Shakir Ali	MoU	DBT	DBT
3	Sheetal Kaul	Circulating small RNAs profiles in Mycobacterium tuberculosis infection: Biomarkers and functional correlation with disease conditions	Prof. Shakir Ali	MoU	DBT	DBT

4	Nisat Alam	Chemopreventive role of nerolidol, sinapic acid, oxyresveratrol and rosmarinic acid in lung cancer	Prof. Rana Zaidi	JH	UGC-MANF	UGC
5	Ashwani Kesarwani	Characterisation of aerosol formulation of BCG	Prof. Rana Zaidi	JH	DST INSPIRE	DST
6	Nazia Ahmad	Mechanism based drug discovery targeting classical and non-classical transpeptidases from peptidoglycan biosynthesis pathway in Mycobacterium tuberculosis	Prof. Rana Zaidi	JH	SRF	CSIR
7	Digvijay Singh	Investigation of housekeeping enzymes, caseinolytic protease B (ClpB) and Ribonuclease P of Mycobacterium tuberculosis as drug targets for tuberculosis	Prof. J.K. Batra	JH	CSIR	CSIR
8	Neha Periwal	In-silico analysis of virus and host interactions	Dr. Vikas Sood	JH	SRF	UGC
9	Akansha	Immunological studies on cysteine protease allergen from Phaseolus vulgaris (red kidney bean)	Prof. J. K. Batra	MoU	ICMR-SRF	ICMR
10	Deepika Trehan	Evaluation of the effect of protein kinase C (PKC) silencing in bladder urothelial carcinoma	Prof. J. K. Batra	MoU	ICMR-SRF	ICMR
11	Nada Rahman	Prevention of adverse drug reaction in serine racemase and N-methyl-D-aspartate receptor paradigm	Prof. A Srinivasan	JH	DST	DST
12	Hasina Najnin	Nephroprotective potential of Melissa officinalis and Cinnamomum tamala in type 2 diabetic rat	Waseem. A Siddiqui	JH	Without Fellowship	NA
13	Manika Garg	Tissue specific targeting of protein tyrosine kinase, SHP-1, to improve obesity induced insulin resistance in high fat diet murine model using synthetic compounds	Dr. Farah Khan	JH	Without fellowship	NA

14	Md. Nematullah	Pathophysiological role of protein Phosphatase 2A in vascular dementia in HFD induced insulin resistant murine model	Dr. Farah Khan	JH	UGC-MANF JRF	UGC
15	Ayesha Siddique Khan	Mechanistic insights into Cadmium induced insulin intolerance and Cadmium detoxification	Dr. Mohan Kamthan	JH	Jamia Hamdard-HNF	Jamia Hamdard-HNF
16	Rushna Wazahat	Investigation of a novel biomarker to develop diagnostic tools for tuberculosis	Prof. Rana Zaidi	JH	Without Fellowship	-
17	Priya Sharma	Investigating virus host interactions utilising machine learning based approaches	Dr. Vikas Sood	JH	Fellowship	CSIR
18	Pawan Yadav	Not finalized	Dr. Mohan Kamthan	JH	Fellowship	UGC-JRF
19	Muskan Verma	Modulation of intestinal stem cells functionality and its role in dysbiosis of gut microflora	Dr. Mohan Kamthan	JH	Fellowship	UGC
20	Yogita Rawat	Investigating the role of host factors in regulating Flavivirus pathogenesis	Dr. Vikas Sood	JH	Project JRF in DBT grant	DBT
21	Supriya Tanwar	Identification and characterization of alternatively spliced novel isoforms of mouse genes linked to obesity and diabetes	Dr. Sayeed ur Rehman Abul Kalam	JH	Project JRF in CCRUM grant	CCRUM
22	Farheen Naaz	Identification and characterization of alternatively spliced novel isoform (s) of human genes linked to coagulation and anticoagulation pathways	Dr. Sayeed ur Rehman Abul Kalam	JH	No fellowship	NA
23	Pallavi Juneja	Computational and molecular techniques-based study on alternative splicing of some human genes linked to fungal pathogenesis	Dr. Sayeed ur Rehman Abul Kalam	JH	SERB-CRG	SERB
24	Vidhu Kaushik	Not finalized yet	Prof. Rana Zaidi	JH	Without Fellowship	-
25	Komal Garg	Not finalized yet	Dr Vikas Sood	JH	No Fellowship	-
26	Urvashi Bhardwaj	Not finalized yet	Dr Vikas Sood	JH	No Fellowship	-

27	Saman Saim Rehman	Evaluation of Sorcin dependent cytosolic retention of ChREBP and its application as a potential therapy for non-alcoholic fatty liver disease	Dr. Mohan Kamthan	JH	No Fellowship	-
28	Navneendra Singh	Effect of Silibinin on PD1,PD-L1 and CTLA-4 Immune Checkpoint Regulators in Head and Neck Cancer	Prof. Rana Zaidi	JH	No Fellowship	-
29	Akshat Rathi	Identification and characterization of alternatively spliced novel isoforms of human genes linked to prostate cancer	Dr. Sayeed Ur Rehman Abul Kalam	JH	No Fellowship	-
30	Sugandha Jha	Not finalized yet	Dr. Saurabh Pandey	JH	No Fellowship	-

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Ashwani Kesarwani (Viva held in September 2021, Degree awarded)	Prof. Rana Zaidi
2	Rahila Sardar	Prof. Shakir Ali

8. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	
1	Mohan Kamthan	Industrial Project with M/s Rajiv Hydraulics AQUAECA-W-40 an onsite disinfectant generation system: Scope beyond surface sterilization	Jan 2020	July 2021	Project Assistant: Aiysha Siddiq Khan

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
1	Rana Zaidi	Modulation of Innate and other Immune responses by natural substances in small animal models of chronic inflammatory diseases 135.7 Lakhs UGC	1.4.2018	31.3.2023	Ongoing	None
2	Rana Zaidi	DST FIST 37.5	5.3.2022	2027	Ongoing	None

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
				Start date	End date	Current status	
1.	2022	Dr. Sayeed ur Rehman Abul Kalam	Identification and molecular characterization of alternatively spliced novel isoforms of genes involved in coagulation and anticoagulation pathways in human	06 Sept 2019	05 Sept 2022	Ongoing	Nil

9. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof. Rana Zaidi	02	-	-	-	-
2	Prof. Shakir Ali	02	02	-	-	-
3	Dr. Farah Khan	01	01	-	-	-
4	Dr. Vikas Sood	03	02	-	-	01 (Editorial)
5	Dr. Sayeed ur Rehman	03	01	-	-	-
6	Dr. Mohan Kamthan	01	-	-	-	-
7	Dr. Saurabh Pandey	-	01	05	-	-

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

- Prof. Rana Zaidi got felicitated for publishing in high impact (above 3) in the journal Drug and Chemical Toxicology in Jamia Hamdard on 28 February 2022 on National Science Day

11. Invited as keynote or plenary speaker.

- Dr. Vikas Sood was invited as resource person for two days pre-conference workshop entitled “Python for Biology” from 14-18 November 2021.
- Dr. Saurabh Pandey was invited for a Talk in professional development program on “Future Prospects of Molecular Technologies in Biological Research”, organised by department of Biosciences, Integral University, Lucknow during Nov23-Dec 08. Title of the talk was Current Trends in Genome Editing, delivered on 26/11/21.

DEPARTMENT OF BIOTECHNOLOGY

1. **School** : School of Chemical and Life Sciences
2. **Department /Centre** : Biotechnology
3. **Head of the Department** : Prof. Pradip K. Chakraborti (till 30.11.2021)
Professor M.Z. Abdin (w.e.f. 01.12.2021)
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Professor M.Z. Abdin	PhD	Professor	Head, CTPD; Chairman, CESD; Chairman, Horticulture Committee; Chairman Campus Development Committee; Chairman, Rose Society	Member of National Academy of Sciences, Allahabad (MNASc)
2.	Dr. Alka Narula	PhD	Assistant Professor	Dean office coordinator, Chairman, Exam Committee	
3.	Dr. Humaira Farooqi	PhD	Assistant Professor	Coordinator Alumini Association, Member Placement cell, Member Administrative Audit Committee, Member Fee Committee for Department of Biotechnology, Coordinator Unservicable item Disposal Committee; Member Environment Quality Cell ; Member Academic Council of Jamia Hamdard.	
4.	Dr. Saima Wajid	PhD	Assistant professor	Admissions, Fee collection coordinator, IoE coordinator, Exam Tabulator, Internal expert Biosafety Committee, Member Academic Council.	Member National Academy of Medical Sciences
5.	Dr. Jagriti Narang	PhD	Assistant Professor	Department Examination committee member.	
6.	Dr. Javaid A Shaikh	PhD	Assistant Professor	Department Examination committee member; Member Board of studies	
7.	Dr. Mairaj Ahmed Ansari	PhD	Assistant Professor	Warden JLN international hostel, Exam tabulator Biotechnology, NAAC coordinator, Academic Audit coordinator, Admissions Biotechnology, Co-coordinator- Centre for Virology, Admissions virology, Exam Tabulator Virology	RLF and DBT- Wellcome Trust intermediate fellow

5. Detail of Adjunct/Visiting Professor:

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Dr. Monica Saifi	Plant Biotechnology	Plant Biotechnology	Guest Faculty

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	PhD (Biotechnology)	Doctoral	As per UGC Guidelines	11
2	M.Sc. (Biotechnology)	PG	50	55
3	B.Sc-M.Sc. integrated course	UG-PG	30	28

7. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1.	Chemidoc	To take pictures for western blot and analysis
2.	CO2 incubator	Mammalian cell culture
3.	Fluorescence Microscope	Immunofluorescence Assay, Proximity Ligation Assay
4.	Potentiostat	Electrochemical sensing

8. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agenc	Research area
1	Dr. Mohd Akram	Project entitled “ Mechanism mediating innate functions and gene regulation by CGAS IN in the nucleus during de novo and latent Herpesvirus infection”	DBT- Wellcome Trust Fellowship	Biotechnology
2	Dr. Monica Saifi	Research Scientist & Project Coordinator – Medicinal Cannabis	Hydrogeen Leaf Pvt Ltd.	Biotechnology

9. A. PhD scholars’ detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Swati	Isolation and characterization of salinity responsive genes in <i>Oryza coarctata</i>	Prof. M.Z. Abdin	MoU (ICAR-NIPB)	With Fellowship	CSIR fellow (18.08.2020-18.08.2025)
2	Palak Gupta	Multi-omics approach to decipher the genes and pathways associated with cleistogamy in pigeonpea (<i>Cajanus cajan</i> (L) Millsp).	Prof. M. Z. Abdin	MoU (ICAR-NIPB)	With Fellowship	CSIR june 2021-2026

3.	Anupam Singh	Identification and Characterization of genomic variations associated with early maturity in pigeon pea.	Prof. M. Z. Abdin	MoU (ICAR-NIPB)	With Fellowship	CSIR (2019-2024)
4.	Kushik Halder	Molecular Cloning, expression analysis and functional characterization of Solanum lycopersicum C. repeat binding factor 1.	Prof. M. Z. Abdin	MoU (NIPGR)	With Fellowship	DST-INSPIRE Fellow (2018-2023)
5.	Tsering Palmo	Evaluation of molecular basis of adaptation and mal-adaptation to hypobaric hypoxia of high altitudes.	Prof. M.Z. Abdin	MoU (IGIB)	With Fellowship	CSIR (2016-2021)
6.	Afreen Rashid	Characterization of CRISPR-Cas9 mediated knock-out mutants of Blast disease susceptible genes in the Indian Rice Cultivar BPT5204 against different isolates of magnaporthe.	Prof. M.Z. Abdin	MoU (ICGEB)	Without	
7.	Harsha Srivastava	Identification and Characterization of Inc RNase for yield trait in pigeon pea	Prof. M.Z. Abdin	MoU (NIPB)	With Fellowship	CSIR
8.	Jyoti Sharma	Understanding the molecular mechanism of white compatibility genes in Brassica rapa	Prof. M.Z. Abdin	MoU (NIPB)	With Fellowship	CSIR (2021-2026)
9.	Sadia Iqar	Identification and profiling of miRNA targeting genes of Sulphur uptake and assimilation pathway in Brassica juncea	Prof. M.Z. Abdin	JH	With Fellowship	DST-INSPIRE FELLOW (2016-2021)
10.	Qudsiya Ashrafi	Modulation of miRStv_7 expression to evaluate its impact on Steviol glycosides accumulation in Stevia rebaudiana	Prof. M.Z. Abdin	JH	With Fellowship	DBT (2016-2021)
11.	Firdaus Qamar	Evaluation of the over-expression of biosynthesis genes on artemisin content and yield in Artemisia annua	Prof. M.Z. Abdin	JH	Without Fellowship	NA
12.	Anuradha Mishra	Development and evaluation of anti malarial efficacy of cell suspension culture of bioengineered Artemisia annua	Prof. M.Z. Abdin	JH	With Fellowship	CSIR (2019-2024)
13.	Priya Sharma	Molecular regulation of steviol glycosides biosynthetic pathway in Stevia rebaudiana	Prof. M.Z. Abdin	JH	With Fellowship	CSIR
14.	Amber Rizwan	Screening and Analysis of Dietary Polyphenols as histone deacetylase inhibitors(HDACi) in selective nutraceutical legumes.	Dr. Humaira Farooqi	JH	Without Fellowship	

15.	Anam Nizam	Role of Medicinal plants in prevention of Asthama.	Dr. Humaira Farooqi	JH	Without fellowship	
16.	Yusra Iqbal	Oxidative stress related disorders and their prevention	Dr. Humaira Farooqi	JH	Without fellowship	
17.	Nimisha Gupta	Proteomic and metabolomic profiling of serum in renal amyloidosis	Dr. Saima Wajid	JH	With fellowship	ICMR
18.	Sana Kauser	Tissue proteomic analysis for evaluation of therapeutic potential of Artemisia absinthium based nano formulation in chemical induced breast cancer	Dr. Saima Wajid	JH	With fellowship	CSIR
19.	Sanskriti	Therapeutic evaluation of Ipomea turpethum extract loaded polymeric nanoparticles in DMBA induced breast cancer model using tissue proteomic analysis	Dr. Saima Wajid	JH	With fellowship	CSIR
20.	Rupali Ghosh	Evaluation of anticancer activity of plant extract on breast cancer	Dr. Saima Wajid	JH	With fellowship	UGC
21.	Sagar Verma	Exploring neuromuscular junction disassembly in Amyotrophic lateral sclerosis	Supervisor: Pradip K. Chakraborti Co-Supervisors: Saima Wajid & Vibha Taneja	JH	With fellowship	CSIR
22.	Onaiza Ansari	Exploring PE Protein Family of Mycobacterium tuberculosis for Autophagy modulation and immune suppression.	Javaid A. Sheikh	JH	Without fellowship	
23.	Anam Mursaleem	Designing of novel host directed therapies against tuberculosis by exploring PPE protein family at host pathogen interface.	Dr. Javaid A. Sheikh	JH	Without fellowship	
24.	Priyanka Kumari	Role of nitrogen dependent gene involved in iron uptake and assimilation in rice genotype	Dr. Javaid Ahmad Sheikh	JHS	With fellowship	N/A
25.	Pradakshina Sharma	Development of biosensor for the detection of Chikungunya virus.	Dr. Jagriti Narang	JH	Project fellowship	ICMR, New Delhi.
26.	Mohd. Rahil Hasan	Construction of biosensor for the detection of Dengue virus.	Dr. Jagriti Narang	JH	Project fellowship	ICMR, New Delhi.
27.	Osheen Ansari	Biosensor for the detection of Coronavirus.	Dr. Jagriti Narang	JH	Without fellowship	NIL
28.	Manu Sharma	“Isolation and Characterization of MTB infected Alveolar macrophage cell derived exosomes and evaluation of their therapeutic potentials.	Dr. Mairaj Ahmed Ansari	JH	With Fellowship	Inspire dst

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Shehla Adhami	Dr. Humaira Farooqi
2	Ms. Pragati Sharma	Dr. Humaira Farooqi

10. Sponsored projects

A. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/ Other staff appointed in the scheme)
			Start date	End date	Current status	
2021-2022	Javaid A. Sheikh	Immune dysregulation and metabolic reprogramming by PE/PPE proteins of Mycobacterium tuberculosis; a double whammy master stroke. (UGC Start Up; 10 Lakhs)	01 Mar 2020	28 Feb 2023	On going	NIL
2021-2022	Javaid A. Sheikh	Deciphering the Functional Link between Ubiquitin Proteasome Pathway and Xenophagy: Role of PE_PGRS protein family of Mycobacterium tuberculosis. (SERB; 26,29,000)	30 Dec 2020	29 Dec 2022	On Going	01 Project Assistant
2021-2022	PI- Dr. Jagriti Narang Co-PIs-MZ Abdin	Electrochemical multiplexed paper based analytical apta-sensor integrated with 2D nanomaterials for the detection of dengue and chikungunya at the point of care. ICMR	1-7-2021	1-7-2024	ongoing	Two- Project assistant
2021-2022	PI- Dr. Jagriti Narang Co-PIs- Suhail Parvez	Electrochemical sensor connected to smart phone app for club drug detection at point of need. DBT	15-3-2022	15-3-2025	ongoing	One-Project assistant
2021-2022	Dr. Mairaj Ahmed Ansari	Mechanism mediating innate functions and gene regulation by cGAS in the nucleus during herpesvirus infection.”	01-01-2020	31-12-2025	Ongoing	Senior research Associate & Laboratory technician

11. Consultancy projects taken up by the faculty members during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of teacher	Consultancy project	Funds generated (in Rs.)
1.	Prof. M.Z. Abdin	R&D Project on Cannabis Species Rs. 2,94,21,120	M/s Hydrogreen Leaf Pvt. Ltd.

12. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Name of teacher	Publication detail (In numbers only)				
	Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
Professor M.Z. Abdin	9	01	01	--	--
Dr. Alka Narula	4				
Dr. Humaira Farooqi	4	-			
Dr. Saima Wajid	6	3	--		
Dr. Javaid A. Shaikh	6	--	--		
Dr. Jagriti Narang	8	4	3		
Dr. Mairaj A. Ansari	2	2	2		

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

- Professor M.Z. Abdin received an award from His Excellency the Governor of Maharashtra, Shri Bhagat Singh Koshyari ji as a mark of honour for his **excellent contribution to Plant Science** on October 14, 2021 at Raj Bhawan, Mumbai in a function "Ek Sham Desh Ke Naam 2021" organized by Legal and Financial Aid Foundation.
- Professor M.Z. Abdin received **Certificate of Recognition** for citation his research work (five papers cited >100 times, on 24th February, 2021 on the Google Scholar.
- Dr Humaira Farooqi received **Certificate of Recognition** for her research work published in vaccines -2021 with impact factor 4.96.

- Dr Saima wajid received **Certificates of Recognition** for her research work published in Expert View of proteomics 2021 with high impact factor 3.94 and Reproductive sciences 3.06
- Dr. Jagrati Narang Awarded **Top 2 percent of World Scientists** in the field of Analytical Chemistry. Updated science wide author database of standardized citations indicators.

14. Invited as keynote or plenary speaker.

Dr Mairaj Ansari was invited as a Keynote speaker in Two-Weeks Professional Development Program (PDP) on "Future prospects of Molecular Technologies in Biological Research"

15. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/ Institution	No. of students placed	Any other information
1.	DelveInsight Company	1	4 LPA Package
2.	ZS Associates	1	12+3 LPA Package
3.	Biocon	1	3.5 LPA Package

16. Any other information

Prof. M.Z. Abdin as Chairman, Environmental Quality Cell (EQC) organized various events related to various Environmental issues such as World Wildlife Day, World Water Day during this period.

DEPARTMENT OF BOTANY

1. School : School of Chemical and Life Sciences
2. Department /Centre : Botany
3. Head of the Department: Prof. Shahid Umar
4. Faculty members:

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other university responsibility, additional charge	Any other information
1.	Shahid Umar	M.Sc, Ph.D, M.Phil	Professor	Head, Dept. of Botany Coordinator, Environmental Studies all UG courses Member, House Allotment Committee, Environmental Quality Cell	
2.	A. Mujib	M.Sc, Ph.D	Associate Professor	Member, Board of Studies (BoS), Member Academic council, and many others	
3.	Md. Salik Noorani Khan	M.Sc, PhD	Assistant Professor	Course Coordinator: Advance Diploma in Environmental Monitoring and Impact Assessment (SODL) In-charge: Herbal Garden, Department of Botany, SCLS Tabulator: Department of Botany, SCLS Member: Examination Committee, SCLS Chairman: Syllabus revision committee.	NET- JRF
4.	Mohd. Ashraf Ashfaq	M.Sc, PhD	Assistant Professor	Member, Examination Committee (Botany), NAAC Team (SCLS) Coordinator, NAAC Criterion-1 Committee (Botany)	NET- JRF
5.	Md Iqbal Raja Khan	M.Sc, Ph. D	Assistant Professor	Member, Horticulture Committee, Departmental Examination Committee, Board of Studies, Revision of syllabus draft committee including MOOCs on	
				SWAYAM. Departmental Coordinator, Academic and administrative audit, Member, NAAC-SSR Criteria III, Co-Coordinator: Journal Club, SCLS.	

5. Detail of Adjunct/Visiting Professor

Sl. No.	Name
1.	Prof. Saleem Siddiqui
2.	Prof. Aslam Parvaiz

6. Courses/Programmes of the Department (2021-2022)

Sl. No.	Name of course	Level (UG/PG/ Doctoral)	Approved intake	Enrollment in the year
1.	B.Sc-MSc Dual Degree	UG	20	14
2.	M.Sc	PG	40	34
3.	Ph.D	Doctoral	As per created vacancy	14

7. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Asfa Rizvi	N PDF	DST-SERB	Plant microbes interaction: PGPR-mediated plant disease management
2.	Dr. Faroza Nazir	DBT-RA	DBT	Plant stress physiology, mineral nutrients, and plant growth regulators

8. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1.	Rahila Nazir	Construction and characterization of genetically encoded FRET-based nanosensors for monitoring the level of metal ions in living organisms	Dr T.O. Siddiqi, Prof. Shahid Umar, Dr. Mohd. Mohsin, JMI	JH	Fellowship	HNF
2.	Jyoti Mamgain	Quantification of alkaloid in response to abiotic elicitor and genetic fidelity study of re-generated plants in <i>Tylophora indica</i> (Burm.f.) Merrill	Dr. A. Mujib	JH	Fellowship	HNF
3.	S Shahnawaz Bashir	Low nitrogen induced changes in the expression pattern of nitrate transporter and nitrate assimilatory genes in rice	Dr. T.O. Siddiq (Retired)	JH	Without Fellowship	-

4.	Kanchan	Isolation and characterization of endophytes inhabiting <i>Catharanthus roseus</i> and their role in production of bioactive compounds	Dr. T.O. Siddiq (Retired)	JH	Fellowship	UGC-NET JRF
5.	Bushra Ejaz	In vitro morphogenesis and Hydroxysafflor Yellow A (HSYA) yield study in <i>Carthamus tinctorius</i> L. in response to abiotic elicitor	Dr. A. Mujib	JH	Fellowship	UGC NET-JRF
6.	Shreya Chhabra	Integrated approach for understanding the role of phytohormone to improve source-sink strength under high-temperature condition in cowpea	Prof. Shahid Umar	JH	Fellowship	DST- IN-SPIRE Fellow
7.	Ragini Singh	Metabolome profiling and enhancement of bioactive metabolites through elicitation in linseed/flax (<i>Linum usitatissimum</i> L.)	Prof. Shahid Umar	JH	Fellowship	UGC-NET JRF
8.	Varisha Khan	Functional characterization of rice micro RNA dealing plant development	Prof. Shahid Umar	JH	Without Fellowship	--
9.	Sarita Verma	Morphological and phytopharmacological studies on some medicinal plants	Dr. Md Iqbal Raja Khan	JH	Fellowship	UGC-JRF Fellow
10.	Anjana Singh	Identification and development of multiplex RT- PCR for the viruses infecting <i>Catharanthus roseus</i> (L.) G.Don	Dr. Md Salik Noorani Khan Dr. Yasheshwar	JH	Without Fellowship	
11.	Km Princi	Molecular characterization of viruses and their impact on the secondary metabolite pool in <i>Andrographis paniculate</i> (Burm.f.) Nees.	Prof. Shahid Umar	JH	Without Fellowship	
12.	Shraddha Suresh Ujjainwal	Genetic diversity studies using SSR markers and genetic dissection of water logging stress tolerance in black gram (<i>Vigna mungo</i>)	Dr. Mohd Ashraf Ashfaq	JH	Without Fellowship	DBT-Project
13.	Yashika Bansal	Genetic homogeneity assessment of micropropagated plants and elicitation study in <i>Digitalis purpurea</i> L.	Dr. A. Mujib	JH	Fellowship	DBT-JRF Fellow

14.	Sarika Kumari	Deciphering the role of γ -aminobutyric acid (GABA) under salinity stress in wheat (<i>Triticum aestivum</i>)	Dr. Md Iqbal Raja Khan	JH	Fellowship	DST Project
15.	Susmita Saikia	Molecular detection and characterization of viruses infecting weeds of Jamia Hamdard	Dr. Md Salik Noorani Khan	JH	Without Fellowship	
16.	Kajal Jain	Interactive role of phytohormones and phosphorus in developing heavy metal stress resilience in rice	Dr. Md Iqbal Raja Khan	JH	Fellowship	UGC-JRF
17.	Kritika Shukla	Development of single and multiple on-site CRISPR/Cas-based detection techniques for plant virus(es)	Dr. Md Salik Noorani Khan	JH	Without Fellowship	
18.	Moksh Mahajan	Stress hormones-mediated physiological and growth responses in wheat under heavy metal stress	Dr. Md Iqbal Raja Khan	JH	Without Fellowship	
19.	Nikita	Molecular characterization and pathogenicity studies of viruses infecting important medicinal plants	Dr. Md Salik Noorani Khan	JH	Fellowship	UGC-JRF
20.	Pawan Kumar	Analysis of Population Structure and Marker Trait Association in Genotypes of Tomato (<i>Lycopersicon Esculentum</i> L) and its Wild Relatives	Dr. Mohd Ashraf Ashfaq	JH	Fellowship	DBT Project
21.	Sabnam Farhat	Molecular Pharming of Podophyllotoxin from Indian Mayapple (<i>Podophyllum Hexandrum</i>) in Linseed (<i>Linum Usitatissimum</i> L)	Dr. Mohd Ashraf Ashfaq	JH	Without Fellowship	
22.	Syeda Khaatoon	Ethylene and potassium-mediated responses in wheat plants under salt stress	Dr. Md Iqbal Raja Khan	JH	Without Fellowship	
23.	Sejal Asija	Impact of different nitrogen regimes and melatonin application on growth and production of secondary metabolites in lemongrass (<i>Cymbopogon citratus</i>) under drought stress	Prof. Shahid Umar	JH	Without Fellowship	

24.	Tanashvi Seth	Study on the co-application of potassium (K) and jasmonic acid (JA) to ameliorate the effect of salt stress on growth, physiology and secondary metabolism of lemongrass (<i>Cymbopogon citratus</i>)	Prof. Shahid Umar	JH	Without Fellowship	
25.	Oceania Chirom	To be decided	Dr. A. Mujib	JH	Fellowship	NIPGR fellowship
26.	Niharika	To be decided	Prof. Shahid Umar	JH	Without Fellowship	

B. Ph. D scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Soni Chowrasia	Dr. A. Mujib

9. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project	Name of the Funding Agency (may use abbreviations)	Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/ Other staff appointed in the scheme)
						Start date	End date	Current status	
1	2020-21	Dr. Mohd Ashraf Ashfaq	Functional characterization of indigenous germplasm of senna (<i>Cassia angustifolia</i> Vahl.) using start Codon Targeting polymorphism (SCoT) and randomly amplified polymorphic DNA (RAPD) derived sequence characterized amplified region (SCAR) markers and bioactive compounds (sennosides and rhein) across cell lines	UGC-Start Up Grant	10 Lakh	10.2.20	--	Active	
2	2020-21	Dr. Md Iqbal Raja Khan	Role of phytohormones in protecting rice (<i>Oryza sativa</i>) photosynthetic and growth capacity under arsenic stress	UGC-Start Up Grant	10 Lakh	21.9.21	--	Active	

3	2020-21	Dr. Md Iqbal Raja Khan	GABA-mediated plant hormonal changes, mechanics of source-sink capacity and yield under salinity stress in wheat (<i>Triticum aestivum</i>)	DST-SERB	26 Lakh	25.11.20		Active	JRF (01)
---	---------	------------------------	---	----------	---------	----------	--	--------	----------

10. Publications of the Department:

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. Shahid Umar	14	01	01	-	-
2.	Dr. A. Mujib	05	-	02	-	-
3.	Dr. Md Salik Noorani Khan	03	-	-	-	-
4.	Dr. Mohd Ashraf Ashfaq	01	-	01	-	-
5.	Dr. Md Iqbal Raja Khan	07	07	01	NA	01 (Editorial)
6.	Dr. Noushina Iqbal	21	-	04	-	01
7.	Dr. Peer Saffeullah					

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

A. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

1. Nominated as Member of Academic Council (Dr. A. Mujib)
2. Nominated as Member of Academic Council (Dr. Mohd Ashraf Ashfaq)

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

Dr. M. Iqbal R. Khan, Assistant Professor, Department of Botany - awarded with NASI-Young Scientist Platinum Jubilee Award in the field of Plant Sciences, Agriculture and Environment by The National Academy of Sciences, India, dated 05- 12-2021.

12. Students achievements

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

S.No.	Name of Students	Year	Examination
1.	Anmol Kalra	2022	NET-JRF
2.	Anshu Jha	2022	GATE
3.	Azra Amin Wani	2022	GATE
4.	Shivangi Mishra	2022	GATE

DEPARTMENT OF CHEMISTRY

1. **School** : School of Chemical and Life Sciences
2. **Department /Centre** : Chemistry
3. **Head of the Department** : Prof. Kalim Javed (till 24.03.2022)
Prof. M. Sarwar Alam (w.e.f. 25.03.2022)
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Prof. M.S. Alam	Ph.D.	Professor	Chief Proctor Chairman, Central Purchase Committee Prof Incharge Security & Transport Member Campus Development Committee
2	Prof. Kalim Javed	Ph.D.	Professor	Chairman, Canteen Committee
3	Dr. Hinna Hamid	Ph.D.	Associate Professor	Deputy Director CTSI In charge Day Care Member ICC President Badminton and TT club Member University Web cell
4	Dr. M. Samim	Ph.D.	Associate Professor	Incharge CIF Ph.D Co-coordinator, D/o Chemistry Member Departmental Purchase Committee SWAYAM/MOOCs Coordinator (Academic course coordinator) Departmental level
5	Dr. Syed Shafi	Ph.D.	Asst. Professor	Member, Examination Committee Member, Cricket Club
6	Dr. Kamla Rawat	Ph.D.	Asst. Professor	Examination & Tabulation of D/o Chemistry. Member in the development of new course in textile chemistry in D/o Chemistry.
7	Dr. Imran A. Khan	Ph.D.	Asst. Professor	Member of Central Examination Committee of SCLS Co-coordinator of LCMS Co-coordinator of DIF Nodal Officer for smart ID card
8	Dr. Najmul Hasan (on contractual basis)	Ph.D.	Asst Professor	Co-coordinator of the committee of student's attendance of UG & PG

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B.Sc-M.Sc Integrated program	UG	20	17
2	M.Sc Chemistry	PG	40	26
3	Ph.D Chemistry	Doctoral	variable	03

6. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose	User
1	UV-VIS Spectrophotometer (Shimadzu Make)	For recording UV-Vis spectrum	UG and PG students
2	Rotary Evaporator (Heidolph Make)	For concentration of samples under reduced pressure	Research Scholars

7. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. Fatima Naaz	ICMR-RA	ICMR	Medicinal Chemistry

8. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship	Fellowship awarding agency
1	Arif Khan	Natural product inspired synthesis of Bioactive molecules: Their anti-proliferative, bacterial NorA efflux pump inhibitor and computational studies	Dr. Syed Shafi	JH	CSIR-JRF	CSIR
2	Bharti	Synthesis of some heterocyclic compounds with anti cancer activity	Prof. M.S Alam	JH		
3	Dar Junaid Bashir	Synthesis and characterization of chitosan-collagen nanocapsules and their applications in drug delivery for neurodegenerative disease	Dr. M. Samim	JH		
4	Farhat Ramjan	Synthesis of novel antidiabetic agents possessing Ari Activity	Prof. Kalim Javed	JH		
5	Jyoti Aboti	Synthesis of some novel vaccine adjuvants and antiproliferative agents	Dr. Syed Shafi	JH	HNF	HNF
6	Rabiya Samoon	Development of novel Dpr E1 inhibitors to combat tubercular infections.	Dr. Syed Shafi	JH		
7	Saliha Manzoor	Morphology dependent toxicological evaluation of platinum nanoparticles	Dr. M. Samim	JH		
8	Sweta Sharma	Development of β -Nitrostyrenes and their bio-isosteres as anti-leishmanial agents.	Dr. Syed Shafi	JH	SERB-JRF	SERB
9	Anam Khalid	Exploration of mild catalytic system for Csp2-H/Csp3-H Activation: Towards Pillar (S) are based multivalent ligands as cholera prophylactics	Dr. Imran A. Khan	JH	HNF	HNF

10	Gowsia Akhtar	Synthesis of N, and O, containing heterocyclic as potential Fab I inhibitors	Dr. Hinna Hamid	JH	ICMR-SRF	ICMR
11	Mehak Saba Lone	Synthesis of some heterocyclic compounds of pharmaceuticals interest.	Prof. Kalim Javed	JH		
12	Syed Ayaz Nabi	Synthesis of novel heterocyclic compounds of medicinal interest	Prof. Kalim Javed	JH	HNF	HNF
13	Aarzoo	Morphology dependent toxicological evaluation of Palladium Nanoparticles	Dr. M. Samim	JH		
14	Huma Basheer	Chemistry	Dr. Imran A. Khan	JH	ICMR-JRF	ICMR
15	Mohd. Sarfaraj	Chemistry	Dr. M. Samim	JH		
16	Waqas Ahmad Khan	Chemistry	Dr. Hinna Hamid	JH		

9. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022: Nil

1. Dr. Syed Shafi, Invited to deliver a Lecture and as a resource person on “Ozone Depletion: A global threat to wild life” during one day National Webinar organized by Department of Chemistry, Amar Singh College, Cluster University, Srinagar on 11th October 2021.
2. Dr. Kamla Rawat, Invited to talk on “Comparative evaluation of enzyme-free nanoclay ionic liquid based electrodes for detection of Bioanalytes”, during an Online School-cum-Workshop on Ion Beams in Sensor Development, organized by Inter-University Accelerator Centre, New Delhi from 7th to 8th September 2021.

10. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration	
		Start date	End date
Imran A. Khan	Strategic Investigation towards Organocatalysed C-C/C-N bond formation vis CH activation: An efficient Diverse Synthesis of Bioactive natural Product Inspired Heterocycles. Duration: 1 (+1) year(s) UGC start up	2019	2021

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	Current status	
Imran A. Khan	Towards the Design and Synthesis of Multivalent Cholera toxin antagonists: A novel Cholera prophylactics ICMR-EMR (Adhoc) 3 years, 37,00,000/-	2020	2023	running	1 (ICMR-JRF)
Dr. Syed Shafi	Development of Michael acceptor based peptidyl, cinnamic acid and chalcone derivatives as cysteine protease inhibitors for leishmaniasis. ICMR (6/9-7(264)/KA/2021-ECD-II) Two years, 21.5 Lakhs	2022	2024	running	1 (ICMR-JRF)

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2022	Kamla Rawat (Tulika Prasad)	ICMR EMR Grant (2019-2022)- 23 Lakhs,(35/11/2019-Nano/BMS dated 7/10/19)	2019	2022	Final report is to be submitted UC and SE is to be submitted	Nil
Imran A. Khan	Imran A. Khan (Dr. Asif Khan, Dr. Nidhi)	Towards the Design and Synthesis of Multivalent Cholera toxin antagonists: A novel Cholera prophylactics ICMR-EMR (Adhoc) 3 years, 37,00,000/-	2020	2023	running	1 (ICMR-JRF)

11. Patents granted to/filed by the faculty members/scholars

Patents filed

- Eco-friendly paper product made from corn husk (CH), pithed sugarcane bagasse (SB), and their furnish (Dr. Hinna Hamid) Application NO.: 202111022364/ TEMP/E1/24858/2021- DEL.—
- Diversity oriented novel capsaicinoids as anti-cancer and ciprofloxacin potentiating agents. Dr. Syed Shafi, Arif Khan, Fatima Naaz, Intizar Ali. Patent filed. Application no.: 202111046805

12. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof. M.S. Alam	02	03	02	Nil	Nil
2	Prof. Kalim Javed	01	Nil	Nil	Nil	Nil
3	Dr. Hinna Hamid	03	02	02	Nil	Nil
4	Dr. M. Samim	05	Nil	Nil	Nil	Nil
5	Dr. Syed Shafi	04	02	Nil	Nil	Nil
6	Dr. Kamla rawat	Nil	Nil	Nil	Nil	Nil
7	Imran A. Khan	04	02	Nil	Nil	Nil
8	Najmul Hasan	01	Nil	02	Nil	Nil

13. Achievements/Recognitions/Awards received/awarded to faculty members (as per the details given below):-

Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Prof Mohammad Sarwar Alam: Member Board of Studies, Department of Applied Chemistry, Z H Engineering College, Aligarh Muslim University, Aligarh.

14. Any other information

Sl. No.	Name of the Student	Enrol. No.	Remarks
1	Anjali Gupta	2019-510-003	Pursuing Ph.D from The Okinawa Institute of Science and Technology, Japan
2	Shivani Jamwal	2019-510-002	Trainee Research Associate in Jubilant Biosys Ltd. B-34, Sector-58, Noida-201301
3	Nishita Rana	2019-510-010	TGT Natural Science Teacher in Sarvodya Kanya Vidyalaya Jangpura, New Delhi-110014
4	Khyati Tomar	2019-510-017	Pursuing Ph.D from D.T.U Delhi
5	Iltisha Saifi	2019-510-008	Pursuing Ph.D from D.T.U Delhi
6	Palak Dawar	2019-510-006	Pursuing Ph.D from Manipal University, Jaipur
7	Adeeba Khan	2019-510-009	Pursuing Ph.D from Manipal University, Jaipur
8	Utkarsh Batra	2019-510-011	Associate Q&A in Mitra Industries, Faridabad

DEPARTMENT OF MEDICAL ELEMENTOLOGY AND TOXICOLOGY

1. **School** : School of Chemical and Life Sciences
2. **Department /Centre** : Medical Elementology and Toxicology
3. **Head of the Department:** Professor Suhel Parvez (till 27.05.2021)
Prof. S. Raisuddin (w.e.f. 28.05.2021)
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1	Prof. Suhel Parvez	Ph.D.	Professor & Head	Chairman, Admission Committee, Foreign Students Advisor	
2	Prof. S. Raisuddin	Ph.D.	Professor	Director IQAC & Advisor (Research)	
3	Prof. Haider A. Khan	Ph.D.	Associate Professor	Provost	
4	Dr. Basir Ahmad	Ph.D.	Assistant Professor		UGC-FRP
5	Dr. Zeeshan Rasheed	Ph.D.	Assistant Professor		Contractual
6	Dr. Shahzad Ahmad	Ph.D.	Assistant Professor		Contractual
7	Dr. Shubhra Pande	Ph.D.	SERB-Ramanujan Fellow		

5. Detail of Adjunct/Visiting Professor:

Sl. No.	Name	Subject/ Course	Specialization
1.	Dr. Prahlad K. Seth, NASI Senior Scientist Former Chief Executive Officer, Biotechnology Park & Former Director, IITR, Biotech Park Sector – G, Jankipuram, Kursi Road Lucknow	Toxicology	Neurotoxicology
2.	Dr. Qamar Rahman, Rtd. Scientist CSIR-IITR, Lucknow	Toxicology	Inhalation toxicology
3.	Dr. K.S. Rao, Vice President, Subject Matter Expert (SME) Safety Assessment, Eurofins Advinus, Peeny Industrial Area, Bangalore	Toxicology	Regulatory Toxicology
4.	Dr. Mohammad Akbarsha Abdulkader, Retd. Professor, Bharathidasan University, Tiruchirappalli, Research Coordinator, National College, Tiruchirappalli	Toxicology	Alternative Models in Toxicology

5.	Prof. Zahoor A. Shah, Professor and Associate Dean for Graduate Education and Research Department of Medicinal & Biological Chemistry, Program Director, Graduate Student Affairs, Joint appointment in the Department of Pharmacology, College of Pharmacy and Pharmaceutical Sciences, The University of Toledo, 3000 Arlington Avenue, Toledo, Ohio, USA	Toxicology	Neurotoxicology
6.	Prof. Satya N. Das, Emeritus Scientist, ICMR, New Delhi	Toxicology	Cancerbiology
7.	Prof. Basu Dev Banerjee, Professor of Biochemistry University College of Medical Sciences & GTB Hospital, Faculty of Medical Sciences, Delhi University, Delhi	Toxicology	Environmental Toxicology
8.	Dr. PV. Mohanan, PhD, FNASc, FRSB(UK), FST, FASc(Aw), FSAB, Scientist-G and Head, Toxicology Division Technical Manager, Biomedical Technology Wing, Associate Dean (PhD Program), Sree Chitra Tirunal Institute for Medical Sciences and Technology (Govt. of India), Poojapura, Trivandrum	Toxicology	Human Toxicology and Organ on chip
9.	Dr. Amir Nazir, Principal Scientist, CSIR-Central Drug Research Institute, Jankipuram Extension, Lucknow	Toxicology	Aging biology and Neurotoxicology
10.	Dr. Pankaj Seth Molecular and Cellular Neuroscience, National Brain Research Center, Manesar	Toxicology	Neurobiology
11.	Dr. Mohammed Idris Senior Principal Scientist, CSIR-CCMB, Uppal Raod, Habsiguda, Hyderabad	Toxicology	Molecular Toxicology
12.	Dr. Premendra D. Dwivedi, Rtd. Principal Scientist, Food, Drug and Chemical Toxicology Division, CSIR-Indian Institute of Toxicology Research, Lucknow	Toxicology	Food Toxicology
13.	Dr Mukul Das, Ph.D Director, Shriram Institute for Industrial Research, Delhi	Toxicology	Food Toxicology

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B.Sc.-M.Sc. Integrated Programme	UG	20+10	16+10+11=37
2	M.Sc. (Toxicology)	PG	30+10	22+22=44
3	PhD (Toxicology)	Doctoral	--	07

7. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1	Completion of construction work of UG Section	Teaching and research

8. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. Pooja Kaushik	ICMR-RA	ICMR	Neurodegeneration
2	Dr. Swati Chandra	ICMR-RA	ICMR	Neurotoxicity
3	Dr. Mehjabeen Javed	ICMR-RA	ICMR	Reproductive toxicology

9. A. Ph.D. scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/ MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Garima Jindal	Phthalate induce demyelination and axonal dysfunction in zebrafish Larvae	Prof. S. Raisuddin	JH	Yes	UGC-NET JRF
2	Gulafsha	Protein aggregation and misfolding	Dr. Basir Ahmad	JH	No	
3	Humaira Naaz Bhutto	Yet to be finalized	Prof. S. Raisuddin	JH	No	
4	Kritika Sharma	Yet to be finalized	Prof. S. Raisuddin	MoU	No	
5	Mohd Anas Saifi	Yet to be finalized	Prof. S. Raisuddin	JH	No	
6	Hiba Khan	Yet to be finalized	Prof. Suhel Parvez	JH	Yes	UGC-NET JRF
7	Sukriti Maurya	Yet to be finalized	Dr. Shubhra Pande	JH	No	

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Saima Khatoun	Dr. Nidhi
2	Juheb Akhter	Prof. S. Raisuddin
3	Mubashshir Ali	Prof. Suhel Parvez
4	Shashi Nandar Kumar	Dr. A.K. Jain, ICMR-National Institute of Pathology & Prof. S. Raisuddin

10. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
01.	Hands on training program on synergistic approach of alternative models in toxicological research	10.04.22-16.04.22	DST STUTI	30

11. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	
Prof. Suhel Parvez	Animal toxin peptides Novel therapeutics for targeting mitochondrial permeability transition pore in cerebral Ischemia; ICMR, Rs. 1729924	1.2.2021	31.1.22	

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	Current status	
Prof. S. Raisudin	Developmental bisphenol A exposure and attention deficit hyperactivity disorder (ADHD) in protein malnourished host; ICMR, Rs.278534	10.8.2021	10.8.2024		RA -1

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2019-20	Prof. S. Raisuddin	Molecular mechanisms of action of metalloids Unani Kushtajat for their role in protection against cellular stress; Ministry of AYUSH, Rs. 6206091.	2.12.2019	1.12.2022	Fund release awaited	
2018-19	Prof. Suhel Parvez	The Penumbra of Learning : Role of plasticity related proteins in behavioural tagging, DST, Rs. 5397800	29.8.2018	28.08.22	On-going	
2019-20	Prof. Suhel Parvez	Mucoadhesive Nano-emulsion of dopamine agonists: Novel strategy for targeting mitochondria in Alzheimer's disease; ICMR, Rs. 3058280	1.11.19	31.10.22	On-going	
	Prof. Suhel Parvez	Cognitive remediation through behavioural reinforcement in traumatic brain injury; SERB CRG Rs.4951860	10.3.2021	28.08.22	On-going	
	Prof. Suhel Parvez	Repurposed drugs and Nutraceuticals: A Neurotherapeutic intervention for targeting mitochondrial dynamics in subarachnoid hemorrhage; ICMR, Rs.1968618	31.3.2021	30.03.24	On-going	

12. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
01	Prof. S. Raisuddin	3				
02	Prof. Suhel Parvez	14	1	2		
03	Dr. Haider A. Khan	1				
04	Dr. Basir Ahmad	2	1			
04	Dr. Shahzad Ahmad	1				

13. Achievements/Recognitions/Awards received/awarded to faculty members (as per the details given below)

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.)

1. Prof. S. Raisuddin: Member, Bureau of Indian Standard (BIS) - Medical Equipment and Hospital Planning, Medical Biotechnology and Nanotechnology Sectional Committee (MHD20), Government of India.

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

1. Prof. S. Raisuddin and Prof. Suhel Parvez – Member of the Academic Council of Jamia Hamdard.

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

1. Prof Suhel Parvez -NESA (National Environmental Science Academy) Eminent Scientist of the year Award - December 2021
2. Based on publications and citations ranked in top 2% of world scientists in 2020/21 in an analysis conducted by the researchers of Stanford University, USA.

D. Invited as keynote or plenary speaker.

1. Prof. S. Raisuddin delivered an invited lecture in the Webinar on “Regulatory aspect of Drug Discovery and Development” organized by NIPER-Raebareli on May 17, 2021 on the topic “Alternative to mammalian models in Regulatory Toxicology Research”.

2. Prof. S. Raisuddin delivered an invited lecture on the topic “Toxicological aspects of nanomaterial used in medicine in a Quality Improvement Program (QIP) for Teachers on the theme ‘Recent Advances in Therapeutic Research with Special Emphasis on Nanomedicine’ at the Birla Institute of Technology (BIT), Mesra, Ranchi - May 24-29, 2021 (online).
3. Prof. S. Raisuddin delivered an invited lecture on the topic “Animal alternatives in neurotoxicological research” at the Asian Society of Toxicology (ASIATOX-IX) from October 20 – 23, 2021 held in Hangzhou, China (online).
4. Prof. S. Raisuddin delivered a lecture on the topic “Regulatory and quality framework of UGC-CARE List of Journals” as resource person in the Orientation Programme on Predatory Journals and UGC-CARE Listing of Journals organized at Jamia Hamdard on February 03, 2022.
5. Prof. S. Raisuddin served as Resource Person at UGC-HRDC, Jamia Millia Islamia (JMI), New Delhi and UGC-HRDC, Maulana Azad National Urdu University (MANUU), Hyderabad.

14. Students achievements

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

Ms. Suramya (as PhD scholar) and Ms. Hiba Khan (as MSc student) qualified for UGC NET-JRF.

CENTRE FOR TRANSLATIONAL AND CLINICAL RESEARCH

1. **School** : School of Chemical and Life Sciences
2. **Department /Centre** : CTCR
3. **Head of the Department** : Prof. Suhel Parvez
4. **4. Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Nilanjan Saha	MD & DM	Professor	Chairman, Institutional Animal Ethics Committee
2.	Nidhi	PhD	Assistant Professor	Tabulator, Member-School Examination Committee
3.	Mohd. Ashif Khan	PhD	Assistant Professor	Warden IBN-E-Batuta Boys Hostel; Departmental Tabulator, Member Badminton Club
4.	Manoj Kumar	PhD	Assistant Professor	
5.	Rizwana Parveen	PhD	Assistant Professor	Departmental Tabulator

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BSc-MSc Dual Degree (Clinical Res.)	UG	30	26
2.	MSc Clinical Research	PG	30	27

6. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
Uzma Khan	Effect of Benzimidazole (Albendazole & Mebendazole) broad-spectrum anthelmintic drugs and its nano-formulation in skin melanoma	Dr. Mohd. Ashif Khan	Without fellowship	Not applicable	Uzma Khan	Effect of Benzimidazole (Albendazole & Mebendazole) broad-spectrum anthelmintic drugs and its nano-formulation in skin melanoma

Sonali Karhana	Development of a novel vesicular nanoformulation of a B-raf inhibitor and an aminoglycoside antibiotic for the treatment of wounds	Dr. Mohd. Ashif Khan	Without fellowship	Not applicable	Sonali Karhana	Development of a novel vesicular nanoformulation of a B-raf inhibitor and an aminoglycoside antibiotic for the treatment of wounds
Aysha Bano	Exploration of cysteine leukotriene receptor antagonist and its liposomes for antiepileptic effect	Dr. Mohd. Ashif Khan	Without fellowship	Not applicable	Aysha Bano	Exploration of cysteine leukotriene receptor antagonist and its liposomes for antiepileptic effect

7. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
Webinar on "Recent Trends in Pharmacovigilance and Drug Safety" on the occasion of "National Pharmacovigilance Week"	21-09-2021	CTCR, SCLS, Jamia Hamdard (online)	Jamia Hamdard	Webinar on "Recent Trends in Pharmacovigilance and Drug Safety" on the occasion of "National Pharmacovigilance Week"

8. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Ms. Shalini Dwivedi	Kinapse, a Syneos Health Company	Introduction to different aspects of Clinical Research	04/10/2021
2	Mr. Raman Sehgal	PFC Pharma Focus India Pvt. Ltd.	Career opportunities in Clinical Research	05/10/2021
3	Dr. Vivek Ahuja	Sunpharma Ltd.	Let's take a step back	06/10/2021
4	Mr. Sumit Chaudhari	Third Millennium Business Resource Associates Private Ltd.	Achieving Career Excellence	07/10/2021
5	Dr. Pawandeep Kaur	Sanofi India	Safety in Clinical Trials	08/10/2021

9. Sponsored projects

A. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
1	Dr. Mohd Ashif Khan (Dr Nidhi)	Development of thermodynamically stable Silver-nanoparticle based hydrogel of curcumin & thymoquinone with collagen for deep burns (22 Lakhs)	–	–	Waiting for sanction letter	01 JRF
2	Dr. Mohd Ashif Khan (Dr. Nidhi)	Development of a novel FDC based transferosomal gel for the amelioration of non-melanoma skin cancer (27 Lakhs)	–	–	Waiting for Sanction letter	01 JRF
3	Dr. Nidhi (Dr. Mohd Ashif Khan)	In silico and in vivo exploration of physostigmine analogues to understand mechanistic crosstalk between klotho and targets for epilepsy (20 Lakhs)	–	–	Waiting for Sanction letter	01 JRF

B. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
				Start date	End date	Current status	
1.	2020-2021	Dr. Mohd. Ashif Khan (Dr. Imran Khan; Dr. Nidhi Agarwal)	In silico, In vitro and In vivo study to evaluate potency of telomestatin analogues vs standard intercalators towards targeting of G-quadruplexes for lung cancer therapeutics	20-01-2021	20-01-2024	Active	1 SRF

10. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

2. Authored book (edited)

Jain, S., Nirwan, N., Agarwal, N. B., & Vohora, D. (2021). Methods for the Induction of Status Epilepticus and Temporal Lobe Epilepsy in Rodents: The Kainic Acid Model and the Pilocarpine Model. In Experimental and Translational Methods to Screen Drugs Effective Against Seizures and Epilepsy (pp. 121-144). Humana, New York, NY.

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Dr. Nilanjan Saha	02	01	00	--	--
2.	Dr. Nidhi	10	07	01	--	--
3.	Dr. Mohd. Ashif Khan	01	04	--	--	--
4.	Dr. Manoj Kumar	--	--	--	--	--
5.	Dr. Rizwana Parveen	--	--	--	--	--

11. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

Name of teacher	Name of award	Year	Organization
Dr. Nidhi	1 st Prize for Oral Presentation at 4th International conference on Recent Trends in Bioengineering	2021	MIT School of Biongingeering Sciences & Research at MIT-ADT University, Pune
Dr. Nidhi	2nd Position in Oral Presentation at International Conference on Advances in Biosciences and Biotechnology	2021	Department of Biotechnology, Jaypee Institute of Information Technology, Noida

12. Students achievements

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

Meghavi Kathpaliya	2022	NET JRF (UGC)
--------------------	------	---------------

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1	Kinapse a Syneos Health Company, Gurugram	05	NA
2	Tech Observer, New Delhi	01	NA
3	Pharmaceutical Product Development (PPD), Bangalore	01	NA
4	Dr. Ram Manohar Lohia Hospital, New Delhi	01	NA
5	Tata Consultancy Services, Gurugram	02	NA
6	Lark laboratories India Ltd., New Delhi	01	NA
7	Sun Pharmaceutical Industry Limited, Gurugram	02	NA
8	Max Healthcare Limited, New Delhi	01	NA
9	Global Data Plc	01	NA
10	Cliantha Research, Noida Future Bridge	01	NA
11	Parexel, Chandigarh	01	NA
12	IQVIA, Bangalore	01	NA
17	Lupin Limited	01	NA



SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH (SUMER)

DEAN: PROF. S. M. ARIF ZAIDI

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

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

In consonance with the ethos of Hamdard, School of Unani Medical Education and Research (SUMER) bestows the students with all resources required to become competent, compassionate, morally and

socially responsible participants in the healthcare delivery system of the society. SUMER is committed to adopt the NEP-2020 -an initiative of MoE, Govt. of India by adopting SWAYAM-MOOCs and Credit Based learning for interdisciplinary knowledge exchange. The School has made notable strides in the promotion and propagation of the glory of Unani Medicine nationally and internationally, for which the school has already collaborated with many national and global institutes of repute.

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

VISION

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

MISSION

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

Departments in the School

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

DEPARTMENT OF KULLIYAT

1. School : School of Unani Medical Education and Research
2. Department /Centre : Kulliyat
3. Head of the Department : Dr. Abdul Bari
4. Faculty members:

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Dr. Abdul Bari	BUMMS, MA(Arabic)	Associate Professor	
2	Dr. Sahar Saleem	M.D. (Kulliyat)	Assistant Professor	Warden, AMHR Girls Hostel
3.	Dr. Ayasha Nadeem	Ph.D	Pre-Tib Teacher	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	Pre-Tib	Pre-UG	05	05
2	BUMS	UG	50	50

6. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Dr. Raziul Isalm Nadvi	Jamat e Islami Hind, New Delhi	Medical Ethics	28.03.2022

7. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1.	P.G. scholars	State Takmeel-ut-Tib College & Hospital	Review of existing literature in Unani Medicine	23-25 Aug, 2021

8. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Dr. Abdul Bari

1. Mohammad bin Ali bin Umar Muttabab Samarqandi, Abdul Bari Falahi (2021). Qarabadeen Maristani. Arshia Publications, New Delhi, (618).
2. Mohammad bin Kareemuddin Shoostrri Shirazi, Abdul Bari Falahi (2022). Qarabadeen Masoomi. National Mission for Manuscripts, New Delhi, (135).

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Dr. Sahar Saleem		01			

9. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

1. **Dr. Sahar Saleem**, Expert Member of Competency Based Syllabus forming Committee of the Subject Tareekhe Tib (History of Medicine), National Commission of Indian System of Medicine (NCISM), New Delhi

DEPARTMENT OF TASHREEH

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Tashreeh
3. **Head of the Department:** Dr Khursheed Ahmad Ansari
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1	Dr Khursheed Ahmad Ansari	MD	Head and Associate Professor	NSS coordinator and President Literary club JH	
2	Prof S Mehtab Ali	BIMS	Prof	-----	Retired in July 2021
3	Dr Fazalur Rehman	MS Unani	Asst Professor	-----	Appointed in 1 st week of Aug 2022

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	50

6. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Dr. Sohrab A. Khan, Associate Professor	Department of Rehabilitation Sciences, SNSAH, Jamia Hamdard	“Knee Joint Pain” , The Anatomical & Physiological Changes and Role of Rehabilitation”	03/02/2022 Jointly organised by Dept. Of Tashreeh and Dept. of Manafeal Aza, SUMER
2	Dr. Sahar Zaidi Assistant Professor	Department of Rehabilitation Sciences, SNSAH, Jamia Hamdard	Frozen Shoulder: “Understanding the basic structural and functional Deviation and role of Physiotherapy”	10/03/2022, jointly organised by Dept. Of Tashreeh and Dept. of Manafeal Aza, SUMER

7. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only) 1				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Khursheed Ahmad Ansari				01 “Unani Medicine” 2022 in Souvenir of Islahi Health care Foundation , New Delhi pp 44-46	Publication in Souvenir of IHF (Islahi Health care Foundation)

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

Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Honorary Member of Faculty of Ayurved and Unani Medicine, Delhi University. Delhi

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

S. No.	Name of the Faculty member	Department	Awards and Honours
1.	Dr. Khursheed Ahmad Ansari	Tashreehul Badan (Anatomy)	Best Teacher Award 2020-2021 conferred by Islahi Healthcare Foundation IHF and NGO Delhi on 5th March 2022

9. Invited as keynote or plenary speaker.

Delivered 3 online lectures on awareness, expert lectures on Unani Medicine and Covid 19 on online mode during this period April 2021 to March 2022.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
	Dr. Khursheed Ahmad Ansari	Tashreehul Badan (Anatomy)	Online expert Speaker in Proven and effective Unani System as Immunity Booster during Covid-19 on 7th Jan 2021 organized by PHD Chamber of FICCI Expert Speaker in an Online talk on “Unani Medicine” under AYUSHVARTA on 22nd June 2021 organized by YogFront.org Moderated a online Discussions with Dr David Duarte Gozman from USA on scope of Unani Medicine in West on 15th July 2021

10. Students achievements

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

Sl. No.	Name of the Event/Activities	No. of participants	Venue/Place
1	Muslim Vanishes by Saeed Naqvi book review Talimi Bedari Lucknow	60	Online 25 June 2022
2	World Unani Day 2022, Moderator organized by SUMER	200	Hybrid mode
3	Moderated Transitional cum induction programme for BUMS Ist Year 2020-21 batch on 7 th October 2021	80	Hybrid mode, SUMER JH
4	Moderated a session of visitors of delegates of Directorate of ISM Delhi Govt on 4 th Aug 2021	60	SUMER, Jamia Hamdard
4	Moderated a discussion of on Unani medicine and life style diseases with Dr David Duarte from Mexico on July 15 2021	70	Online
5	Panelist as an expert in Mock Interview for UPSC exam organized by Academy at Kerala	24	Online
6	Presided over the Awareness of Admission process at Allahabad University organized by Talimi Bedari on 11 th July 2021	50	Online
7	Delivered a lecture Unani medicine in Covid 19 organized by YogFront Org on 22 June 2021	250	Online
8	Expert Panelist in Admission guidance at JNU, DU , JMI and Jamia Hamdard organized by Talimi Bedari on 19 th June 2021	60	Online

DEPARTMENT OF MANAFEUL AZA

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Manafeul Aza
3. **Head of the Department:** Dr. Anwar Husain Khan
4. **Faculty members:**

S. N.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
01	Dr. Anwar Husain Khan	MD	Associate Professor	HoD & Superintendant of Examination, SUMER
02	Dr. Shehla Nazir	BUMS	Assistant Professor	OPD/IPD, Teaching to the students of Diploma in Unani Pharmacy

5. **Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022.**

Sl. No.	Speaker	Organization	Title/Topic	Date
01	Dr. Sahar Zaidi Assistant Professor	Department of Rehabilitation Sciences, Jamia Hamdard	Frozen Shoulder: "Understanding the basic structural and functional Deviation and role of Physiotherapy"	10/03/2022
02	Dr. Sohrab A. Khan, Associate Professor	Department of Rehabilitation Sciences Jamia Hamdard	" Knee Joint Pain" , The Anatomical & Physiological Changes and Role of Rehabilitation"	03/02/2022

6. **Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)**

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
01	Khan A.H, S. Nazir	01		01		
02	Shehla Nazir, Zehra Zadi, Abdul Nasir, Minhaj Ahmad	01	01	01		

7. Invited as keynote or plenary speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1.	Dr. Anwar Husain Khan	Manafeul Aza	Lecture On “Concept of Tabiat and Physiological correlation” in continuing Medical Education (CME) programme for teachers for kulliyat (30th May- 4th June 2022) organized by Department of Kulliyat, Faculty of Unani Medicine, Aligarh Muslim University, Aligarh, Sponsored by Ministry of AYUSH, Government of India, New Delhi.
2.	Dr. Shehla Nazir	Manafeul Aza	Dr. Shehla Nazir has delivered a Lecture in 15 days “Transitional Curriculum” for ASU- An Initiative of CCIM, Govt. of India, on the topic “Importance of Institute and Department in Higher Education,” On 07-26 October 2021 (online mode) for BUMS 1 st Prof. Session 2020-21 Organized by School of Unani Medical education & Research. (SUMER), at Jamia Hamdard, New Delhi. Dr. Shehla Nazir has delivered a Lecture on the occasion of “World Hepatitis Day” on 28th July 2021 , entitled “Awareness on Hepatitis” organized by SUMER, Jamia Hamdard.

8. Students achievements

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

Sl. No.	Name of the Event/Activities	Venue/Place
01	Dr. Shehla Nazir participated in “Free Health Checkup and Treatment Camp“ on the occasion of Women Health Week 2022 organized by the Department of Amraze Niswan wa Qabalat (Gynaecology & Obstetrics), held on 07/04/2022	Shahi Public School Lane No. Street No. 37 Tughlakabad Extn. New Delhi.

DEPARTMENT OF ILMUL ADVIA

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Ilmul Advia
3. **Head of the Department:** Prof. Mohd Aslam (till 03/03/2022)
Prof. M.A Jafri (w.e.f. 04/03/2022)
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1	Prof. (Dr.) Mohd Aslam	M.D. (Ilmul Advia), PhD (Chemistry of Forest Products)	Professor	HoD upto 03/03/2022	
2	Dr. M.A Jafri	M.D, (Ilmul Advia)	Professor	HoD from 4/03/2022 -onwards	
3	Dr. Hifzul Kabir	M.D, (Ilmul Advia)	Associate Professor	Herbal Garden Incharge	
4	Dr. Aisha Siddiqui	M.D, (Ilmul Advia)	Assistant Professor	Cancellation Officer of The Faculty of SUMER, Member of Student Counselling Cell at University Level	
5	Dr. Rasikh Javaid	M.D, (Ilmul Advia)	Assistant Professor	Member of Admission Committee SUMER	Joined the department on 01/01/2022
6	Ms Faraha Ahmad	Pharm. Pursuing PhD	Assistant Professor		Joined the department on 28/01/2022

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	50
2	M.D. (Ilmul Advia)	PG	03	03

6. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. Mohd Aslam	05	03	-	-	-
2.	Dr. Aisha Siddiqui	02	06	-	-	-

DEPARTMENT OF ILMUL SAIDLA

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Ilmul Saidla
3. **Head of the Department:** Prof. S. M. Arif Zaidi (16-09-21 onwards)
Prof.(Dr.) Mohd Aslam (17/02/2021 to 16/09/2021)
4. **Faculty Members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Seema Rani	MD in Ilmul Saidla and PGDPRA	Associate Professor (Contractual)	NA
2.	Shahid Shah Chaudhary	MD (Ilmul Saidla)	Assistant Professor	Incharge, Department of Ilmul Saidla Assistant Superintendent Exams, SUMER

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	50
2	Diploma in Unani Pharmacy	Diploma	10	10

6. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Seema Rani	-	1	-	-	-
2.	Shahid Shah Chaudhary	1	2			

7. Any other information

Dr. Shahid Shah Chaudhry participated as Moderator in 15 days Transitional curriculum programme on 21.10.2021 and 25.10.2021 in SUMER, Jamia Hamdard, New Delhi.

DEPARTMENT OF MAHIYATUL AMRAZ

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Mahiyatul Amraz
3. **Head of the Department:** Dr Mohammad Maaz (w.e.f. 30.03.2022)
Prof. S. M. Arif Zaidi (till 29.03.2022)
4. **Faculty Members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr Mohammad Maaz	MD	Associate Professor	Member of placement committee of Jamia Hamdard.
2	Dr Roohi Azam	MD	Assistant Professor	Nodal officer of SUMER for NAAC

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	50

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	<p>Women's Health Week Workshop/ hands on training, walk etc.) Jointly organised by Dept. Of Mahiyatul Amraz and Dept. of Amraze- Niswan wa Qabala, SUMER</p> <p>Hands on training on Colposcopy and screening of Cervical cancer on the occasion of celebration of Women's Health Week (International Women' Day) Prof Dr Imam Bano, Prof Dr Suhail Fatima ,Dr Saman Anees(31.3.2022)</p> <p>Hands on training on Pathological Gadgets and Microbiological Testing on the occasion of celebration of Women's Health Week (International Women' Day) Prof Dr Sabina, Dr Ayan Das Gupta Dr M. Maaz, Dr Ruhi Azam(31.3.2022)</p>	31/3/2022-7/4/22	Nil	125

7. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

(Jointly organised by Dept. Of Mahiyatul Amraz and Dept. of Amraze- Niswan wa Qabala, SUMER)

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Prof Dr Abhinav Jain	HIMSR, Jamia Hamdard	Imaging in Infertility	31/3/2022
2	Prof Dr Imam Bano	AMU, Aligarh	Interpretation of CTG	31/3/2022

8. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr Mohammad .Maaz	-	-	-	-	-
2	Dr Roohi Azam	01				

9. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

S. No.	Name of the Faculty member	Department	Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)
1.	Dr Muhammad Maaz	Mahiyatul Amraz	Member of B.O.S, D/O Mahiyatul Amraz , AKTC, Aligarh Muslim University.

10. Invited as keynote or plenary speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1.	Dr Muhammad Maaz:	Mahiyatul Amraz	<p>“Hakeem Abdul Hamid - a Great Visionary” lecture delivered at Ghalib Academy Nizamuddin on 14/9/2021.</p> <p>“Novel methods of diagnosis and treatment in Unani system of Medicine” Lecture delivered at Tibbi Conference Seminar on 23/9/2021</p> <p>“Indian Health Scenario and Relevance of Unani Medicine” Lecture at Tibbi Conference on 19/2/2022 “Science and traditional medicine in India” lecture delivered in Webinar at RRIUM on 25/2/22.</p>

DEPARTMENT OF TAHAFFUZI WA SAMAJI TIBB

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Mahiyatul Amraz
3. **Head of the Department** : Dr Mohd Akram
4. **Faculty Members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Professor Mohd Akram	MD (Tahaffuzi wa Samaji Tibb)	Professor	Head of Department, Tahaffuzi wa Samaji Tibb
2	Dr Aisha Perveen	MD (Tahaffuzi wa Samaji Tibb)	Associate Professor	
3	Dr Shazia S Shamim	MD (Tahaffuzi wa Samaji Tibb)	Assistant Professor	
4	Dr Sayeda Shifa Zaidi	MD(Tahaffuzi wa Samaji Tibb)	Assistant Professor	
5	Dr Mo Usman	MD (Tahaffuzi wa Samaji Tibb)	Assistant Professor	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BUMS	UG	50	50
2.	MD (Tahaffuzi wa Samaji Tibb)	PG	3	3

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	International Conference on "Role of Unani Herbal Drugs in Present Day Scenario and Lifestyle Disorders"	29-30 th March 2022	Sponsored by DST-PURSE; in Collaboration with National Environment Science Academy	200

7. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1.	Dr. Ram Krishn Shah	President of Global Unani Medicine and Research Foundation, Chicago USA	Academic Collaboration	29 th March 2022

8. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof Mohd Akram		2			
2	Dr Aisha Perveen	1	2			
3	Dr Shazia S Shamim		1			
4	Dr Sayeda Shifa Zaidi		2			

9. Invited as keynote or plenary speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1	Professor Mohd Akram	Tahaffuzi Wa Samaji Tibb	Lecture on Preventive Healthcare Aspects of Ilaj bit Tadbeer with Special Reference to Covid-19 organized by World Unani Foundation on 06.02.2022. Lecture on Contribution of Hakim Abdul Hameed Saheb in Upliftment of Unani Education Organised by All India Unani Tibbi Conference on 13.02.2022
2	Dr Aisha Perveen	Tahaffuzi Wa Samaji Tibb	Lecture on Maternal and Child Health in Public Health Prospective organized by Department of Tahaffuzi wa Samaji Tibb AKTC, AMU, Aligarh, Sponsored by Ministry of AYUSH, Govt of India, New Delhi on 24.03.2022.

DEPARTMENT OF ILAJ BIL TADBEER

- School** : School of Unani Medical Education and Research
- Department /Centre** : Ilaj Bil Tadbeer
- Head of the Department:** Dr. Farkhunda Jabin (w.e.f 30.03.2022)
Prof. S. M. Arif Zaidi (1.04.2021 to 29.03.2022)
- Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr. Farkhunda Jabin	MD Tahaffuzi wa Samaji Tib	Associate Professor	Head of the Department Since 30 March 2022.
2	Dr. Sadia Nikhat	MD Tahaffuzi wa Samaji Tib	Assistant Professor	Felicitated by Jamia Hamdard on the occasion of National Science Day 2022 (28th Feb. 2022) for Paper publication in Phytotherapy Research (Clarivate Analysis JCR Impact Factor > 4)

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BUMS	UG	50	50

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Free Health Camp	8 th March 2022	In association with Women Development Cell, Jamia Hamdard & Majeedia Unani Hospital, Jamia Hamdard. New Delhi	75 patients
2	Free Health Camp	21 June 2022	In association with Dept. of Ilmul Atfal, SUMER, Jamia Hamdard. New Delhi	More than 150

7. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1	Foreign Visitation	Scientific and Research committee from Mexico.	To IBT Unit Majeedia Unani Hospital, SUMER, Jamia Hamdard.	31 March.,2022

8. Patents granted to/filed by the faculty members/scholars

A. Patents granted (please provide brief detail)

Jamia Hamdard as Applicant and Dr. Farkhunda Jabin, Associate Professor Dept. of Ilaj Bit Tadbeer, SUMER, as Second inventor – **A Patent has been Published** “Title of invention “A Novel Herbal compound composition for treating Lower Genital Tract Inflammation and Infections.

Date of filing 23/10/2019 Application no 201911043046, under the banner of **Jamia Hamdard** and published in the Patent Office Journal, No18/2021 dated **30.4.2021**, PP 136.Link:https://ipindia.gov.in/writereaddata/portal/IPOjournal/1_4973_1/Part-1

<https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Applicationstat>

2. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr. Farkhunda Jabin		1			
2.	Dr. Sadia Nikhat		3			

1. Mohammad Fazil, Sadia Nikhat. March 2022. *Why the “sugars” in traditional Unani formulations are a pivotal component: A viewpoint Perspective*. Journal of Integrative Medicine. Volume 20, Issue-2, p. 91-95. (<https://doi.org/10.1016/j.joim.2022.01.002>, ISSN 2095-4964). (As corresponding author) (JCR Impact Factor – 3.951)
1. Sadia Nikhat, Mohammad Fazil. January 2022. *History, phytochemistry, experimental pharmacology and clinical uses of honey: A comprehensive review with special reference to Unani medicine*. Journal of Ethnopharmacology. Volume 282, 114614. (<https://doi.org/10.1016/j.jep.2021.114614>, ISSN 0378-8741). (JCR Impact Factor – 5.195)
1. Mohammad Fazil, **Sadia Nikhat**. May 2021. *Exploring new Horizons in healthcare: A Mechanistic review on the potential of Unani medicines in combating epidemics of infectious diseases*. Phytotherapy Research. Vol 35, Issue-5, p. 2317-2335. <https://doi.org/10.1002/ptr.6949>. ISSN 1099-1573 (Online). (As corresponding author) (JCR Impact Factor – 5.195)

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

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

S. No.	Name of the Faculty member	Department	Membership
1	Dr. Farkhunda Jabin	Ilaj bit Tadbeer	Member of Examining Body for Para-Medical Training for Bhartiya Chikitsa, Delhi. Department of Health & Family Welfare, Government of NCT. Of Delhi.

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

S. No.	Name of the Faculty member	Department	Awards and Honours
1.	Dr. Sadia Nikhat	Ilaj bit Tadbeer	Felicitated by Jamia Hamdard on the occasion of National Science Day 2022 (28th Feb. 2022) for Paper publication in Phytotherapy Research (Clarivate Analysis JCR Impact Factor > 4).

C. Invited as keynote or plenary speaker

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1	Dr. Farkhunda Jabin	Ilaj bit Tadbeer	<p>Invited Speaker, Title “Therapeutic Potential and Safety Concerns of Hijamah Therapy” In CME in Ilaj Bit Tadbeer for Private Practitioners 9-10 March, 2022. At Faculty of Unani Medicine, AKTC, AMU Aligarh.</p> <p>Invited Speaker, Title “Prophylactic Perspective of Hijamah Therapy” In CME Private Practitionfor teachers of Tahaffuzi wa Samaji Tib (Preventive and Social Medicine) 21-26 March , 2022. At Faculty of Unani Medicine, AKTC, AMU Aligarh.</p> <p>Invited Speaker, Title “Leech Therapy: A Novel Mode of Treatment” In CME in Ilaj Bit Tadbeer for Medical Officers 11 June 2022. At Faculty of Unani Medicine, AKTC, AMU Aligarh.</p> <p>Invited Speaker Title “Hijamah Bis shart In Unani Medicine” in National workshop on Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology) on Competency Development of AYUSH professionals. COE workshop 2022. On 27-29 July 2022. At Jamia Hamdard. New Delhi.</p>

DEPARTMENT OF ILMUL ATFAL

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Ilmul Atfal
3. **Head of the Department:** **Dr. Uzma Bano (30.03.2022 onwards)**
Prof. S. M. Arif Zaidi (19.02.2021 to 29.03.2022)
4. **Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Dr Uzma Bano	MD	Associate Professor	<p>Head of the Dept.</p> <p>Nodal officer, for GOVT. of NCT of Delhi and Ministry of AYUSH INDIA</p> <p>President, Chess Carrom Club, Member EOC committee,</p> <p>Incharge for Clinical duties,</p> <p>Member Expert Committee for paramedical courses of GNCT of Delhi.</p> <p>Member of NACC Committee criteria IV (infrastructure and learning resources)</p> <p>Incharge to organize health camps with Collaboration NGO's/Institutions etc.</p> <p>Coordinator Covid Quarantine Centers During Lockdown 2021</p> <p>Police Headquarter Shahdara. Police Headquarter Rohini and</p> <p>Majeedia Unani Hospital Jamia Hamdard</p>	<p>Organized</p> <p>Free Health camp in Majeedia Hospital on 21 November 2021.</p> <p>Organized free Medical Health Camp in Tughlakabad on 16-june 2022,</p> <p>Chess and Carrom tournaments (Inter school & Inter University)</p> <p>External Examiner of Dr. Bheemraw Ambedkar University, Delhi University, & Jodhpur University.</p> <p>Member, Recognition of Institutes Committee Examining Body for Para-Medical Training for Bharatiya Chikitsa, Delhi Department of Health & Welfare, Government of N.C.T of Delhi.</p> <p>Member, Unani Academic Committee Examining Body for Para-Medical Training for Bharatiya Chikitsa, Delhi Department of Health & Welfare, Government of N.C.T of Delhi</p> <p>Member, SOCIETY FOR NEW AGE HERBALS, NEW DELHI</p> <p>Chess and Carrom tournaments (Inter school & Inter University)</p>

2	Dr Jahanara	NA	Assistant Professor	Retired on 31 August 2021	
3	Dr Md Anzar Alam	PhD	Assistant Professor	From 18 Feb 2022	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG 3 rd yr	50	50

6. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Dr Uzma Bano		01	13		

7. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

S. No.	Name of the Faculty member	Department	Membership
1	Dr Uzma Bano	Ilmul Atfal	Expert Committee for paramedical courses of GNCT of Delhi. Member, Unani Academic Committee Examining Body for Para-Medical Training for Bharatiya Chikitsa, Delhi Department of Health & Welfare, Government of N.C.T of Delhi Member, Recognition of Institutes Committee Examining Body for Para-Medical Training for Bharatiya Chikitsa, Delhi Department of Health & Welfare, Government of N.C.T of Delhi.

DEPARTMENT OF MOALAJAT

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Moalajat
3. **Head of the Department:** Prof. Yasmeen Shamsi
4. **Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1	Prof. Yasmeen Shamsi	MD (Moalajat)	Professor		
2	Prof. Asim Ali Khan (on EOL)	MD (Moalajat)	Professor	Director General, CCRUM, Ministry of AYUSH	
3	Dr. Azhar Jabin	MD Moalajat	Associate Professor	Warden AMSH, Member IQAC core committee, Member IQAC, Member NIRE, ASHE, NAAC committees Jamia Hamdard, Member Mess Committee Jamia Hamdard, In charge of weekly Departmental Seminar,	Member Project Screening Committee AYUSH Member IEC, A&U Tibiya college, Karol Bagh Co-PI In AYUSH funded Projects (02)
4	Dr. Shazia Jilani	MD Moalajat	Associate Professor	Nodal officer, SUMER for DSW office (2021-till date Incharge, NAAC visit and NCISM visitation, Department of Moalajat, SUMER Admission committee, SUMER, 2021-2022 Member, Medication Committee of Unani formulation, SUMER, (Feb 2022)	
5	Dr. Md. Wasi Akhtar	MD Moalajat	Assistant Professor		
6	Dr. Shoaib Ahmad	MD Moalajat	Assistant Professor		

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/ Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	50
2	MD Moalajat (Department of Moalajat)	PG	03	03

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Free Health Camp “Orthopedic Health of the Women” jointly organized by Dept of Ilaj bil Tadbeer, Dept of Moalajat, SUMER and Dept. of Rehabilitation sciences, SNSAH, Jamia Hamdard	8 th March 2022	Women Development Cell, Jamia Hamdard & Majeedia Unani Hospital , Jamia Hamdard. New Delhi	75 patients

7. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof. Yasmeen Shamsi	03				
2	Dr. Azhar Jabin	03	02			
3	Dr. Shazia Jilani					
4	Dr. Md. Wasi Akhtar	03				

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

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

S. No.	Name of the Faculty member	Department	Membership
1.	Dr. Azhar Jabin	Moalajat	Member Project Screening Committee AYUSH

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

S. No.	Name of the Faculty member	Department	Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)
1.	Dr. Azhar Jabin	Moalajat	Member IEC, A&U Tibiya college, Karol Bagh, University of Delhi.

C. Invited as keynote or plenary speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1.	Dr. Azhar Jabin	Moalejat	As Invited speaker/ Guest lecture in CME programme for teachers in Department of Ilaj Bit Tadbeer, AMU on 4th of June 2022

DEPARTMENT OF JARAHİYAT

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Jarahiyat
3. **Head of the Department:** Prof. S. M. Arif Zaidi
4. **Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other university responsibility, additional charge
1	Prof. S.M. Arif Zaidi	MD (Moalajat), PGDHA, PGDHRM	Professor	Dean, SUMER Head, Dept. of Jarahiyat
2	Dr. Minhaj Ahmad	MS (Jarahat)	Associate Professor	Medical Superintendant, Majeedia Unani Hospital, Jamia Hamdard

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Organized 15 Days Transitional Curriculum for ASU (Online)- An Initiative of CCIM, GOI by Ministry of AYUSH, GOI	7 th -26 th October 2021		50
2.	Organized International Webinar on Evaluation of Temperament in Clinical Practice in collaboration with Department of Amraz-e-Ain Uzn, Anaf Halaq, SUMER, Jamia Hamdard, New Delhi	17 th March 2022	in collaboration with Dept. of Amraz-e-Ain Uzn, Anaf Halaq, SUMER, Jamia Hamdard, New Delhi	90
3.	Organized, Hybrid Webinar on Exam Sress: Strategies and Healthy Tips on the occasion off International Adolescent Health Week 2022 in collaboration with Dept. of Amraz-e-Ain, Uzn, Anaf Wa Halaq, SUMER, Jamia Hamdard, New Delhi	23 th March 2022	in collaboration with Dept. of Amraz-e-Ain, Uzn, Anaf Wa Halaq, SUMER, Jamia Hamdard, New Delhi	75

7. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. SM Arif Zaidi	1	2			
2.	Dr. Minhaj Ahmad	2	2			

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

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

S. No.	Name of the Faculty member	Department	Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)
1	Dr. Prof. S. M. Arif Zaidi	Jarahiyat	Member, Paramedical Sciences, NCT, Delhi

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

S. No.	Name of the Faculty member	Department	Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)
1	Dr. Prof. S. M. Arif Zaidi	Jarahiyat	Co-opted member, Board of Studies, D/o Jarahiyat, AKTC, AMU, Aligarh Chairman, Ethical committee, A&U Tibbia College, University of Delhi
2	Dr. Minhaj Ahmad	Jarahiyat	Co-opted member, Board of Studies, D/o Jarahiyat, AKTC, AMU, Aligarh

C. Invited as keynote or plenary speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1.	Dr. Prof. S. M. Arif Zaidi	Jarahiyat	Invited Speaker (Topic: Benefits of Honey) by Honey Foundation of India. Invited Speaker, International Conference of Ayurveda and Unani, June 2021 Resource Person, CME for practitioners on 4 th March 2022 Invited Speaker, National Conference in Sri Nagar on 12 th March 2022.

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

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Amraz-E-Ain Uzn, Anaf Wa Halaq
3. **Head of the Department:** Dr. Zehra Zaidi (30-03-2022 onwards)
Prof. S. M. Arif Zaidi (19-02-2021 to 29-03-2022)
4. **Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
	Dr. Zehra Khatoon	MD (Moalajat)	Associate Professor	HoD
	Dr. Abdul Nasir	MD (Moalajat)	Assistant Professor	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
	BUMS	UG	50	

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Organized 15 Days Transitional Curriculum for ASU (Online)-An Initiative of CCIM, GOI by Ministry of AYUSH, GOI in collaboration with Dept. of Jarahiyat SUMER, Jamia Hamdard, New Delhi	7 th -26 th October 2021		50
2	Organized International Webinar on Evaluation of Temperament in Clinical Practice in collaboration with in collaboration with Dept. of Jarahiyat SUMER, Jamia Hamdard, New Delhi	17 th March 2022	in collaboration with Dept. of Jarahiyat SUMER, Jamia Hamdard, New Delhi	90
3	Organized, Hybrid Webinar on Exam Sress: Strategies and Healthy Tips on the occasion off International Adolescent Health Week 2022 in collaboration in collaboration with Dept. of Jarahiyat SUMER, Jamia Hamdard, New Delhi	23th March 2022	in collaboration with Dept. of Jarahiyat SUMER, Jamia Hamdard, New Delhi	75

7. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Name of teacher	Publication detail (In numbers only)				
	Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
Dr. Zehra Khatoon Zaidi	1	2	2		
Dr. Abdul Nasir	1	2	2		

8. Invited as keynote or plenary speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1	Dr. Zehra Khatoon Zaidi	Ain Uzn Anaf Halaq waAsnan (Eye & ENT)	<p>Water-borne Diseases in Children. In National Symposium-World Environment Day by Fatima Health Center, Jamia Nagar, New Delhi on 05th June 2021</p> <p>Role of Pashoya in Stress in Workshop -Stress and the Pandemic by Fatima Health Center, Jamia Nagar, New Delhi on 28th August 2021</p> <p>Management of Post Covid-19 complication through Unani Medicine. In National Conference - Post Covid-19 Complication and their Management by CARE Centre, Jamia Nagar, New Delhi on 26th September 2021</p> <p>Women in Islam. In International Webinar-Message of Humanity on Eid Milad-un-Nabi by Imam Zainul Abedin Charitable Health Clinic, New Delhi on 19th October 2021</p> <p>Role of Islamic Teachings to Protect Human Rights. In National Seminar- Human Rights in Islam by UWS, New Delhi on 20th November 2021</p> <p>The Role of Women in the Society. In International Women's Webinar by Culture House of Islamic Republic of Iran, Mumbai on 9th December 2021</p> <p>Amla as a power herb for Management and Treatment & prevention of Breast Cancer International Conference Series on Integrative Medicine -Online Mode on 22nd February 2022.</p> <p>Black Seed Scientific Review for GI Oncology International Conference Series on Integrative Medicine - Carcinoma of lower GIT 22nd March 2022." - Online Mode</p> <p>Withania Somnifera Scientific Review for Prostrate Health -International Conference Series on Integrative Medicine Prostrate Cancer 22nd April 2022" -Online Mode</p>

DEPARTMENT OF AMRAZ-E-NISWAN

WA QABALAT

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Amraz-E-Niswan Wa Qabalat
3. **Head of the Department:** Prof. Dr. Suhail Fatima
4. **Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Prof Dr. Suhail Fatima	MD, BUMS, PGDHR, PGDIPR	Professor	Head of Dept	Co guiding PhD Scholar HIMSIR/ Clinical Training to Interns of BUMS, BOT,MOT, PhD scholars SPER, Paramedical and HIMSIR
2.	Dr Saman Anees	M.D, BUMS	Asst. Professor (Contractual: joined in February 2022)		

5. Courses/Programmes of the Department during 2021-2022:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BUMS	UG	50	50

6. Seminars/Symposium/Conferences/Workshops/Hands-on training /CME/ faculty development programmes/

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Hands on training on CTG/ Electro Foeto monitoring on the occasion of celebration of Women's Health Week (International Women' Day) By Prof Dr Imam Bano, Prof Dr Suhail Fatima ,Dr Saman Anees (31.3.2022)	On Int women's Day 08..3.2022	Jamia Hamdard (Annual departmental Budget head)	75
2	Hands on training on Colposcopy and screening of Cervical cancer on the occasion of celebration of Women's Health Week (International Women' Day) Prof Dr Imam Bano, Prof Dr Suhail Fatima ,Dr Saman Anees(31.3.2022)	On Int women's Day 08..3.2022	Jamia Hamdard (Annual departmental Budget head)	75

3	Hands on training on Pathological Gadgets and Microbiological Testing on the occasion of celebration of Women's Health Week (International Women' Day) Prof Dr Sabina, Dr Ayan Das Gupta Dr M. Maaz, Dr Ruhi Azam(31.3.2022)	On Int women's Day 08..3.2022	Jamia Hamdard (Annual departmental Budget head)	75
4.	Health Awareness Walk (1.4.2022)	On International Day for Unborn Child 25.3.2022	Jamia Hamdard (Annual departmental Budget head)	Apx 500
5	Free Health Checkup Screening , Counselling and Treatment Camp at Shahi Public School (7.4.2022)	On World Cancer 4.3.2022	Jamia Hamdard (Annual departmental Budget head)	246 free Medicine 240 Students Teachers and employee : Treatment through IBT and Counselling for Covid prevention 308 given BSE

7. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022 (04)

Sl. No.	Speaker	Organization	Title/Topic	Date	No of Participants
"To celebrate the Women's Health week" on AZADI KA AMRIT MAHA UTSAV					
1.	Prof. Imam Bano Former Dean/ HOD JLNC, AMU Aligarh	D/o Amraz e Niswan wa Qabalat (OBG) , SUMER Jamia Hamdard	"Interpretation of CTG"	31/03/2022	125
2.	Prof Dr. Abhinav Jain HOD, Radiology, HIMSR, JH	D/o Amraz e Niswan wa Qabalat (OBG) , SUMER Jamia Hamdard	"Imaging in Infertility"	31/03/2022	125

8. Sponsored projects:

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	
Prof. Suhail Fatima (Co-PI-Dr. Umar Jahangir and Dr. Saman Anees)	Clinical Evaluation of a Unani formulation as adjunct therapy/ add-on therapy simultaneously with the Allopathic treatment (regimen specific) in the Covid – 19 patients funded by Ministry of Ayush, GOI 10,57,980/- (Rupees Ten Lacs fifty seven thousand nine hundred eighty only)	Start date February 2021	Submission in September 2021	01 SRF

9. Patents granted to/filed by the faculty members/scholars

A. Patents granted (please provide brief detail)

Jamia Hamdard as Applicant Prof. Suhail Fatima, Head, Dept. of Amraz-e- Niswan wa Qabala as first inventor and Dr. Farkhunda Jabin, Associate Professor, Dept. of Ilaj Bit Tadbeer, SUMER, as Second inventor – **A Patent has been Published.** Title of invention : “A Novel Herbal compound composition for treating Lower Genital Tract Inflammation and Infections”. Date of filing 23/10/2019 Application no 201911043046, under the banner of **Jamia Hamdard** and published in The Patent Office Journal, No18/2021 dated **30.4.2021**, PP 136. Link:https://ipindia.gov.in/writereaddata/portal/IPOjournal/1_4973_1/Part-1 <https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/Applicationstat>

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

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

S. No.	Name of the Faculty member	Department	Awards and Honours
1.	Prof Dr Suhail Fatima	Amraz e Niswan wa Qabalat (Obstetrics and Gynaecology)	Selected as a Subject expert inspector for Inspection of three Unani Medical colleges and hospital Hazrat bal. Kashmir University on 9-10 March 2022

DEPARTMENT OF AMRAZ-E-JILD WA TAZEENIYAT

1. **School** : School of Unani Medical Education and Research
2. **Department /Centre** : Amraz-E-Jild Wa Tazeeniyat
3. **Head of the Department:** Dr. Umar Jahangir (30-03-2022 onwards)
Prof. S. M. Arif Zaidi (19-02-2021 to 29-03-2022)
4. **Faculty Members :**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr.Umar Jahangir	MD	Associate Professor	HoD; 30-03-2022 to till date Assistant Proctor; 11-01-2022 Member core committee; 06-08-2021 onwards and Co-Ordinator NAAC Criteria II; 20-10-2021 onwards, Co-Ordinator Internal Audit committee: 18-02-2021 onwards for two years
2	Dr. Masarat Fatima	MD	Assistant Professor From 15/02/2022 to 30/09/2022	Warden, Anne Marie PG girls hostel

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BUMS	UG	50	50

6. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr. Umar Jahangir		1			

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

Invited as Keynote or Plenary Speaker.

S. No.	Name of the Faculty member	Department	keynote or plenary speaker
1.	Dr. Umar Jahangir	Amraze Jild wa Tazeeniyat	Vitiligo in a webinar on Science and Traditional Medicine in India as part of a series of Science Week 2022- Vigyan Sarvatra Pujyate organized by Regional Research Institute of Unani Medicine, Delhi on February 23rd 2022.

- Vitiligo in a webinar on Science and Traditional Medicine in India as part of a series of Science Week 2022- Vigyan Sarvatra Pujyate organized by Regional Research Institute of Unani Medicine, Delhi on February 23rd 2022.
- Basics in Dermatology in 15 days “transitional Curriculum” programme for BUMS First Prof session 2020-21 organized by SUMER, Jamia Hamdard from 7th to 26th October 2021.

8. Any other information

- International Conference on “Role of Unani Herbal Drugs in Present Day Scenario and Lifestyle Disorders” organized by Dept. of Tahaffuzi wa Samaji Tibb, SUMER, Jamia Hamdard, Sponsored by DST-PURSE; in Collaboration with National Environment Science Academy on 29-30th March 2022



2. Womens Health Week (workshop/ hands on training, walk etc.) jointly organised by Dept. Of Mahiyatul Amraz and Dept. of Amraze- Niswan wa Qabala, SUMER from 31/3/2022 to 7/4/22

- Guest lecture delivered by Prof Dr Abhinav Jain on “*Imaging in Infertility*”



Guest Lecture delivered by Prof Dr Imam Bano on “*Interpretation og CTG*”.



Guest Lecture delivered by Prof Dr Imam Bano on “*Interpretation on CTG*”.



AWARENESS WALK



International Webinar on Evaluation of Temperament in Clinical Practice jointly organised by Department of Amraz-e-Ain Uzn, Anaf Halaq and Department of Jarahiyat, SUMER Jamia Hamdard, New Delhi on 17th March 2022



An invited lecture organized by Department of Kulliyat on 28.03.2022 .The topic of the lecture was “Medical Ethics” by Dr. Raziul Islam Nadvi.



An invited lecture by Dr. Sohrab Ahmad Khan, Associate Professor on “Knee Joint Pain. The Anatomical & Physiological Changes and Role of Rehabilitation” on 03/02/2022 jointly organised by Dept. Of Tashreeh and Dept. of Manafeal Aza, SUMER



An invited lecture by: Dr. Sahar Zaidi, Assistant Professor, Department of Rehabilitation Sciences, Jamia Hamdard on: Frozen Shoulder: Understanding the “Basic structural and functional deviation and role of Physiotherapy”, jointly organised by Dept. Of Tashreeh and Dept. of Manafeal Aza, SUMER on 10/03/2022



Free Health Camp “Orthopedic Health of the Women” jointly organized by Dept of Ilaj bil Tadbeer, Dept of Moalajat, SUMER and Dept. of Rehabilitation sciences, SNSAH, Jamia Hamdard, Women Development Cell, Jamia Hamdard & Majeedia Unani Hospital, Jamia Hamdard. New Delhi on 8th March 2022



Free Health Camp Organized by Dept of Ilmul Atfal, SUMER, Majeedia Unani Hospital, NSS and Netri clinics on 21 November 2021





SCHOOL OF PHARMACEUTICAL EDUCATION AND RESEARCH (SPER)

Dean – Prof. M. Amir (upto 27.05.2021)

&

Dean – Prof. Vidhu Aeri from 28.05.2021 onwards

VISION

Leading Global School of Excellence in Pharmaceutical Sciences

MISSION

Strive to be ready with education to meet the needs of Society

To be competitive and responsible Professionals

Focus on global research to be in step with times

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

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

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

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

The School consists of four Departments:

1. Department of Pharmaceutics
2. Department of Pharmaceutical Chemistry,

3. Department of Pharmacology and
4. Department of Pharmacognosy and Phytochemistry

The Department of Pharmaceutics offers two master's degree programs in Pharmaceutics and Quality Assurance and a PhD in Pharmaceutics. The students qualifying these courses meet the current and future requirements of R&D personnel of the Pharmaceutical Industry, academia, regulatory and marketing. The research thrust areas of the department includes oral bioavailability enhancement using polymer and lipid-based approaches, transdermal drug delivery system, ocular drug delivery systems using polymeric and lipid carriers, targeted nanoparticles for brain and tumor targeting, intranasal drug delivery systems for CNS disorders, biodegradable targeted retention devices for periodontal infections, herbal drug delivery systems for psoriasis, acne and vitiligo, transmucosal drug delivery systems for proteins and antihypertensive agents.

The department lays emphasis on integrated research approach on modern and indigenous drugs and their formulations. The department is well equipped, funded by various funding agencies and is supported under UGC-SAP and DST-FIST programs.

The Department of Pharmaceutical Chemistry is engaged in research related to Drug Development and Discovery. The Department offers the M. Pharm. (Pharmaceutical Chemistry, Pharmaceutical Analysis) and Ph.D. Programme. The department is currently engaged in independent as well as collaborative research in Drug Design and Development, Synthetic Chemistry, Analytical Pharmacy and Natural Product Chemistry. Current areas of research include Anticancer, Drug Designing, Antimalarial, Anticonvulsant, Anti-inflammatory, Natural Chemistry, Hepatoprotective drugs, etc. The department is supported under DST-FIST program.

The Department of Pharmacology offers master's program in Pharmacology, Pharmacy Practice and Ph.D. program in Pharmacology, Pharmacology with specialization in Pharmacy Practice and Ph.D. in Pharmaceutical Medicine. The primary objective of the department is to train the students preparing for careers in pharmacology including teaching and research in an academic or industrial setting or in

pharmaceutical companies and government research organizations.

The M. Pharm in Pharmacy Practice programme is augmented with the Clinical Research Programme of the HIMSR. The students of the Pharmacy Practice Programme are trained by doctors at HAH Centenary Hospital in possible drug interactions and patient counselling for dosage regimen and other healthcare related queries.

The research thrust areas of the department are Neuropharmacology mainly research on mechanisms and new therapeutic targets for epilepsy, Alzheimer's disease, depression etc., Cardiovascular pharmacology mainly atherosclerosis, hypertension etc., Endocrinology including diabetes, osteoporosis, and Clinical pharmacology. The Department is well-equipped with research infrastructure and is supported under UGC-SAP, DST-FIST and AICTE-MODROBS program.

Ph.D. in Pharmaceutical Medicine is a unique, first in country collaborative program being run in collaboration with Sun Pharmaceutical Industries Ltd. The program illustrates utilization of academic excellence, professional expertise and optimal fund use by joint University-Industry effort. The students qualifying this course meet the current and future requirements of R&D personnel from the Pharmaceutical Industry/Academia.

The Department of Pharmacognosy & Phytochemistry is involved in research in the field of discovery and development of herbal drugs, phytopharmaceuticals and microbial products; quality control of herbal/microbial products and botanicals through the analysis of principal components/markers and fingerprinting; studies for the enhanced production of secondary metabolites using plant tissue culture and fermentation technologies; studies on herbal cosmetics, immunomodulatory, anti-obesity and anti-diabetic medicinal plants as well as the screening of new drug molecules, standardized herbal drugs/extracts for their bioactivities.

Development of plant-based nano-structured formulations, isolation, identification, and characterization of natural compounds by sophisticated tools are the strength of the department.

The department is supported by DST -FIST, UGC-SAP and AICTE- MODROBS program. Other than the funded projects, the department also has sponsored consultancy projects from different pharmaceutical industries.

Recently, it has been granted Rs 10.0 crore for development of Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology) from Ministry of AYUSH, Govt of India to carryout advanced research on Unani Medicine in collaboration with School of Unani Medicine Education and Research (SUMER), Jamia Hamdard. It has research collaborations with Industries (Hamdard, Dabur, Aimil, etc) and educational institutions in India and abroad (NCNPR, University of Mississippi, USA; University of Khartoum, Sudan; etc).

A separate Pharmacy block dedicated to research in advanced fields of Formulation Research and Nanomedicine, Neurobehavioral Pharmacology, Microbial and Pharmaceutical Biotechnology, Bioactive Natural Products, Drug Design and Medicinal Chemistry with state-of-the-art facilities is an integral part of the School.

Central Instrumentation Facility (CIF)

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

DEPARTMENT OF PHARMACEUTICS

1. **School** : **School of Pharmaceutical Education and Research (SPER)**
2. **Department/Centre** : **Pharmaceutics**
3. **Head of the Department: Prof. (Dr.) Yasmin Sultana**
4. **List of faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other university responsibility, additional charge	Any other information
1	Prof. (Dr.) Asgar Ali	PhD	Professor	<ol style="list-style-type: none"> 1. Incharge- Internal Grievance Cell for Teaching and Non-Teaching Staff for 2 years wef 9 Feb., 2021 2. Member- Board of Management for 2 years wef 23 Dec., 2021 3. Chairman- Jamia Hamdard Alumni Affairs Committee, wef 4 Jan., 2022 4. President- TAAJH- The Alumni Association of Jamia Hamdard. 	
2	Prof.(Dr.) Farhan Jalees Ahmad	PhD	Professor	Dean, SIST, Chairperson CIIE, Director, Centre of Virology Nodal Person Indo Shastri Canadian Institute	
3	Prof. (Dr.) Yasmin Sultana	PhD	Professor	Head, Deptt of Pharmaceutics Member, Equal opportunity cell, Jamia Hamdard	
4	Prof. (Dr.) Javed Ali	PhD	Professor	Incharge, IP Management Cell	
5	Prof. (Dr.) Sanjula Baboota	PhD	Professor	Chairperson, Equal Opportunity Cell Director, CSIC AICTE Visvesvaraya Best Teacher Award 2021	
6	Dr. Mohd. Aqil	PhD	Associate Professor		

7	Dr. Zeenat Iqbal	PhD	Associate Professor	Deputy DSW, Jamia Hamdard: Overseeing the office responsibilities and Student Club Activities; Placement Officer, (Honorary) SPER, Jamia Hamdard; Member, Secretary, Jamia Hamdard Alumni Committee; Member, Core Committee, Centre of Vocational Studies and Training, Jamia Hamdard; Convenor, Environmental Quality Cell, Jamia Hamdard	
8	Dr. Saima Amin	PhD	Associate Professor	Dy Superintendent, SPER Member, Mentor-Mentee committee Member, MOOCs/SWAYAM implementation committee	
9	Dr. M. Aamir Mirza	PhD	Assistant Professor	3 awards (pls refer annexure 1); Member of the 'Centre for training and development' of Jamia Hamdard; In-charge of the Transmission Electron Microscopy facility; International collaborator or expert of IMSA-Iran; Appointed ELITE fellow at Universiti Malaya, Malasiya.	
10	Dr. Sarwar Beg	PhD	Assistant Professor		On EOL, Newton Fellowship
11	Dr. Prashant Kesharwani	PhD	Assistant Professor		

5. Courses/Programmes of the Department

Sl. No.	Name of course	Level (UG/PG/ Doctoral)	Approved intake	Enrollment in the year
1	M. Pharmacy (Pharmaceutics)	PG		18
2	M. Pharmacy (Quality Assurance)	PG		08
3	Ph. D. programme in Pharmaceutics	Doctoral		

6. Detail of post-doctoral Research in the Department

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Jayamanti Pandit	RA-1	ICMR	Ocular Drug Delivery

7. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Pallavi Dahiya	Development and Evaluation of nanoparticulate based herbal drug delivery system for the treatment of Glaucoma (DOR: 30 th Dec., 2016)	Asgar Ali and Farhan J. Ahmad	JH	without fellowship	-
2	Nazia Hassan	Design and Evaluation of Vaginal Drug Delivery System(VDDS) for the treatment of Candidal vulvovaginitis (DOR: 13 th Nov., 2017)	Asgar Ali and Zeenat Iqbal	JH	With fellowship	ICMR-SRF fellow for 3 Years 25.01.2021 to 24.01.2024)
3	Uzma Farooq	Fabrication and Evaluation of Intravaginal Drug Delivery System for Polycystic Ovarian Syndrome (PCOS) (DOR: 27 th Dec.,2017)	Asgar Ali and Zeenat Iqbal	JH	With fellowship	HNF Doctoral fellowship 2021-22 from 15-09-2021 to 15-09-2022
4	Athar Shamim	Development of optimized drug delivery system against bacterial biofilm (Fee Submitted:26-10-2018, Date of Joining(DOR): 07-02-2019)	Asgar Ali, Zeenat Iqbal & Mohd. Aqil	JH	without fellowship	-
5	Mohammad	Design and Development of Antioxidant Nanoparticles for the treatment of Parkinson's disease (Fee Submitted:26-10-2018), Date of Joining(DOR): 17-06-2019 (ICMR-SRF fellow for 3 Years 03.07.2019 to 02.07.2022)	Asgar Ali & Gaurav K. Jain	JH	With fellowship	ICMR-SRF fellow for 3 Years 03.07.2019 to 02.07.2022
6	Farheen Fatima Qizilbash	Formulation and Evaluation of Folic acid surface Engineered Nanoemulsion of Exemestane and Quercetin in Combination for Breast Cancer Treatment (DOR: 4 th March, 2021)	Asgar Ali, Sanjula Baboota & Prof. Javed Ali	JH	With fellowship	ICMR-SRF fellow for 3 Years wef 10 May 2022
7	Bushra Jabi	Design and Fabrication of Dermal Gel containing Ultra-deformable Nano-Ethosomes loaded with Hesperetin for amelioration of Skin Cancer DOR: 27 th May, 2021	Asgar Ali Mohd. Aqil & Mohd. Mujeeb	JH	without fellowship	-

8	Samreen Jahan	Multifactorial approach of sesamol and 5-fluorouracil co-incorporated transliposomal gel using QbD for management of skin cancer DOR: 9 May, 2022 Fee transaction ID 220120112434753 dated 26 Jan., 2022 Session: 2021-22 PhD in Pharmaceutics with Specialization in Quality Assurance	Asgar Ali, Mohd. Aqil & Mohd. Mujeeb	JH	without fellowship	-
9.	Mrs. Suma	Thermosensitive nanoformulation for solid tumor	Farhan Jalees Ahmad	JH	Fellowship	ICMR
10.	Mrs. Dharmila	Enamel adhesive controlled release nanoparticulate system for control of Biofilm department Oral diseases	Farhan Jalees Ahmad	JH	Fellowship	ICMR
11.	Ms. Dhara	Targeted delivery of anti-alzheimer drugs loaded lipidic nanoparticles to the brain	Farhan Jalees Ahmad	JH	Fellowship	DST
12.	Mr. Nazeer Hasan	Nano Lipid Career based targeted dual drug delivery of 5-Fluorouracil and Cannabidiol for treatment of skin cancer	Farhan Jalees Ahmad	JH	Fellowship	ICMR
13.	Mr. Sukhmeet	Design and Development of Mesoporous Bioglass Nanoparticles for Bone regeneration	Farhan Jalees Ahmad	JH	Non-Fellowship	--
14.	Mr. Yasir	Design and Development of Donepezil And Piperine Loaded Depo-Nanospheres for the Management of Alzheimer's Disease	Farhan Jalees Ahmad	JH	Non-Fellowship	--
15.	Iqra	Design and development of nanoformulation for the treatment resistance depression	Prof.(Dr.)Yasmin Sultana	JH	With Fellowship	JRF in DST ASEAN GRANT
16.	Rao Nargis Jahan	Development of nanocarrier to control antibiotic resistance.	Prof.(Dr.)Yasmin Sultana	JH	With Fellowship	HNF
17.	Pavitra Solanki	Nanocarrier based oral drug delivery system of a Bisphosphonate for the treatment of Osteoporosis	Prof.(Dr.)Yasmin Sultana	JH	With Fellowship	DST
18.	Nasr	Nanoformulation based dual responsive hydrogel for combinatorial approach against diabetic foot ulcer	Prof.(Dr.)Yasmin Sultana	JH	Without Fellowship	--

19.	Priya Gupta	Combinatorial nanocarrier based drug delivery system for enhanced therapeutic efficacy of exemestane and thymoquinone in the treatment of breast cancer	Prof.(Dr.)Yasmin Sultana	JH	With Fellowship	DST PURSE w.e.f 1.4.2020 to 1 year and 21.4.2021 to 21.10.2021
20.	Ms. Nupur Srivastava	Formulation and evaluation of tamoxifen and resveratrol loaded self-nanoemulsifying drug delivery system (SNEDDS) for the treatment of breast cancer	Dr. Sanjula Baboota/ Dr. Javed Ali	JH	With fellowship	CSIR
21.	Mr. Saurabh Mittal	Lactoferrin conjugated combination therapy of temozolomide and resveratrol co-loaded nanostructured lipid carrier for the treatment of glioblastoma	Dr. Sanjula Baboota/ Dr. Javed Ali	JH	With fellowship	ICMR
22.	Ms. Yasmeen	Ligand aided formulation development of dermal targeted combinatorial nanostructured lipid carrier of doxorubicin and berberine for the treatment of skin cancer	Dr. Sanjula Baboota/ Dr. Javed Ali	JH	With fellowship	ICMR
23.	Ms. Zufika	Engineering Transferrin-Conjugated Nanostructured Lipid Carrier of Docetaxel and Quercetin in Combination for Brain Targeting Via Intranasal Route for the Treatment of Glioblastoma Multiforme	Dr. Sanjula Baboota/ Dr. Javed Ali	JH	Without fellowship	-
24.	Ms. Devika	Formulation and evaluation of Non-invasive Nose-to-Brain delivery of L-DOPA and Resveratrol combination therapy using lactoferrin-conjugated biopolymeric nanoparticles for targeted treatment of Parkinson's Disease	Dr. Sanjula Baboota/ Dr. Javed Ali	JH	Without fellowship	-
25.	Ali Sartaj	Lipid Nanocarrier System for Bioavailability Enhancement of Ribociclib	Javed Ali and Sanjula Baboota	JH	With fellowship	ICMR
26.	Abdul Muheem	Design of combinatorial anti-HIV agents loaded surface modified nanostructured lipid formulation with an efflux modulator	Javed Ali and Sanjula Baboota	JH	With fellowship	DST PURSE
27.	Nida Nehal	Combinatorial Approach for Delivery of Palbociclib and gingerols Loaded Functionalized Lipid Carrier for Active Targeting and Synergistic Efficacy Against Breast Cancer	Javed Ali and Sanjula Baboota	JH	Without fellowship	-

28.	Aashish	Development, characterization and evaluation of anti-HIV agent(s) loaded lipid-based nanocarriers with drug efflux inhibitor for oral bioavailability enhancement	Javed Ali and Sanjula Baboota	JH	With fellowship	CSIR
29.	Afsana	Biomimicking aptamer grafted cell membrane coated dendrimer as a next generation clinically targeted nanodrug delivery system against cancer stem cells EpCAM for triple negative breast cancer (TNBC) therapy	Prashant Kesharwani	JH	Yes	ICMR
30.	Mahak Fatima	Tailoring virus mimicking polymeric nanoparticles as an ingenious mitochondrial directed drug delivery system for the treatment of triple negative breast cancer (TNBC)	Prashant Kesharwani	JH	Yes	ICMR
31.	Shashi Prabha	Nanocarrier mediated drug delivery system of nospapine HCl for management of breast cancer	Dr. Mohd. Aqil Prof. Bahar Ahmad	JH	With fellowship	ICMR
32.	Mohsin Qureshi	Dermal nanogel formulation of berberine for amelioration of acne	Dr. Mohd. Aqil, Dr. Sushama Talegaonkar Prof. Yasmin Sultana	JH	With fellowship	ICMR
33.	Ayesha Waheed	Amelioration of skin cancer by apigenin based nanocarrier gel	Dr. Mohd. Aqil, Dr. Zeenat Iqbal Prof. Yasmin Sultana	JH	With fellowship	ICMR
34.	Niha Sultana	Dissolving microneedle Transdermal patch loaded with bipartite nanotransfersomes of Risedronate sodium and Ursolic acid for Osteoporosis	Dr. Mohd. Aqil Prof. Mohd. Yasmin Sultana, Prof. Mohd. Mujeeb	JH	With fellowship	UGC
35.	Asad Ali	Nanocarrier mediated drug delivery system of nospapine HCl for management of breast cancer	Dr. Mohd. Aqil Prof. Mohd. Yasmin Sultana, Prof. Mohd. Mujeeb	JH	Without fellowship	NA
36.	Ayesha Khan	Bipartite glycosomal nanogel of amitriptyline and capsaicin for amelioration of diabetic peripheral neuropathy	Dr. Mohd. Aqil Prof. Mohd. Yasmin Sultana, Prof. Mohd. Mujeeb	JH	Without fellowship	NA
37.	Pooja Jain	Investigation of New Strategies based on host modulation for periodontal therapy	Dr. Zeenat Iqbal	JH	With Fellowship	CSIR-SRF

38.	Sradhanjali Mohapatra	Design Development and dermatological evaluation of novel herbal formulation for the potential remedy of Post Menopausal syndrome	Dr. Zeenat Iqbal	JH	Without Fellowship	NA
39.	Rahmuddin	Novel Functional Excipient Appended System for Psoriasis	Dr. Zeenat Iqbal	JH	Without Fellowship	NA
40.	Ayesha Siddiqui	Design and fabrication of topical nanoformulation for amelioration of diabetic foot ulcers.	Dr. Zeenat Iqbal	JH	Without Fellowship	NA
41.	Vijay	Novel drug delivery system (tentative)	Dr. Zeenat Iqbal	JH	Without Fellowship	NA
42.	Bushra	Novel Pharmaceutical Formulations for Wound Healing (Tentative)	Dr. Zeenat Iqbal	JH	Without Fellowship	NA
43.	Ahsan Ali	Topical Nano-formulation for the Management of Osteoarthritis	Dr. Zeenat Iqbal; Dr. Mohd. Aamir Mirza	JH	Without Fellowship	NA
44.	Athar Shamim	Development of optimized drug delivery system against bacterial biofilm	Prof. Asgar Ali; Dr. Zeenat Iqbal	JH	Without Fellowship	NA
45.	Uzma Farooq	Fabrication and evaluation of intra vaginal drug delivery for polycystic ovary syndrome (PCOS)	Prof. Asgar Ali; Dr. Zeenat Iqbal	JH	With Fellowship	ICMR-RA
46.	Nazia Hasan (ICMR fellow)	Design and Evaluation of Vaginal Drug Delivery System (VDDS) for the treatment of Candidal Vulvovaginitis	Prof. Asgar Ali; Dr. Zeenat Iqbal	JH	With Fellowship	ICMR-SRF
47.	Ahsan Ali	Topical nano-formulation for the management of Osteoarthritis	Dr. M Aamir Mirza and Dr. Zeenat Iqbal	JH	Without fellowship	NA
48.	Tanya Ralli	Development of formulation containing silymarin and bacteria for the treatment of NAFLD	Prof. Kanchan Kohli and Prof. Vidhu Aeri	JH	With fellowship	DST- Inspire
49.	Arya Vidyadhari	Luliconazole loaded mucoadhesive electrospun nanofiber: A novel nanoconstruct for vulvovaginal candidiasis	Prof. Kanchan Kohli	JH	With fellowship	ICMR-SRF
50.	Shwetakshi Sharma	A synergistic nanomedicine approach against breast cancer using co-encapsulated exemestane and genistein in nanovesicular lipid carrier system	Prof. Kanchan Kohli	JH	With Fellowship	ICMR
51.	Reshal Suri	Sirolimus nanoformulation for the management of age related macular degeneration (ARMD) of eye following periocular route	Prof. Kanchan Kohli and Prof. Yasmin Sultana	JH	With fellowship	ICMR-SRF
52.	Neha Tyagi	Green synthesis and evaluation of albumin coated superparamagnetic iron oxide nanoparticles conjugated with tamoxifen as theranostic in the breast cancer therapy	Prof. Kanchan Kohli and Prof. Asgar Ali	JH	With fellowship	ICMR-SRF

8. Ph.D. scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Karishma Khatoon (Ph. D. Awarded on 05-04-2021)	Prof. Asgar Ali
2.	Ms. Saman Fatima	Prof. Farhan Jalees Ahmad
3.	Nikita (viva voce conducted on 9 June 2021)	Prof. Yasmin Sultana
4.	Ligand conjugated Paliperidone nanoparticles integrated with P-gp inhibitor for enhanced brain delivery. Saleha Rehman (2017). ICMR SRF. Ph. D. Awarded 03 Aug., 2021.	Prof. Javed Ali
5.	Development and characterization of Polymeric nanoparticles of an antipsychotic drug for Brain delivery. Anu (2017). ICMR SRF. PhD Awarded 03 Feb., 2022.	Prof. Javed Ali
6.	Mr Usama Ashhar	Dr. Sanjula Baboota/Dr. Javed Ali
7.	Mr. Kashif Iqbal	Dr. Sanjula Baboota/Dr. Javed Ali
8.	Lubna Siddiqui	Dr. Zeenat Iqbal; Dr. Sushama Talegaonkar

9. Seminars/symposium/conferences/workshops/CME/faculty development programmes organized by the Department.

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Seminar on innovation, incubation & entrepreneurship (Prof. Farhan Jalees Ahmad)	September 01, 2022	CIIE, Jamia Hamdard	100
2	Workshop on Nano Particle Characterization (Prof. Farhan Jalees Ahmad)	23rd Sep 2022	Jamia Hamdard	112
3.	Global UN SDG Summit (Dr. Zeenat Iqbal)	25- 26th February 2022	Jamia Hamdard in Association with Global Mental Health Association (GMHA) and CliMed Research Solutions.	NA
4.	Organized a workshop/lecture on Cytosmart in collaboration with ICON (Dr. Amir Mirza)	03 September 2021	CIF, SPER	50

10. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Saima Amin	ICNASEN-2021 on Istanbul	Polymeric nanocarriers of 5-Fluorouracil for targeting potential to squamous cell carcinoma of the skin at (https://us02web.zoom.us/j/6319935466?pwd=VE1WQUlmT0RIbjYyOHFRakVwczN2UT09)	April 16, 2021

2.	Md. Zishan Hussain (Senior Data Scientist)	Jamia Hamdard PharmaKon Lecture Series (Dr. Zeenat Iqbal)	Skill up session “ Excel at EXCEL” in collaboration with StepUp Analytics.”	12th March 2022 (Online)
3.	Dr. Arshad Hussain Khuroo (Head, BA and BE, R&D at Sun Pharmaceuticals Ltd.)	Jamia Hamdard PharmaKon Lecture Series (Dr. Zeenat Iqbal)	Career conundrum? Find your cup of tea!!	29th January 2022 (Online)
4.	Dr. Ashish Sharma (Executive Director at Boehringer Ingelheim Pharmaceuticals in USA)	Jamia Hamdard PharmaKon Lecture Series (Dr. Zeenat Iqbal)	Two-day Workshop on “The role of Clinical Pharmacology in Drug Development”	23rd December 2021 (Online)
5.	Robin Pawar (Account Delivery Manager at Talific Consulting Services.)	Jamia Hamdard PharmaKon Lecture Series (Dr. Zeenat Iqbal)	Resume Writing Workshop	14th August 2021 (Online)
6.	Dr. Rajarshi Gupta (Senior Coach & Career Counsellor)	Jamia Hamdard PharmaKon Lecture Series (Dr. Zeenat Iqbal)	A Step Up	31st July 2021 (Online)
7.	Dr. Moin Don (CEO and founder PVCON Consulting Pvt. Ltd) Syed Jalal Rahman (Global Marketing Manager-GSK)	Jamia Hamdard PharmaKon Lecture Series (Dr. Zeenat Iqbal)	Forge Your Future	12th June 2021 (Online)
8.	Dr. Prashant Kesharwani, Resource person	Sri Venkateswara College of Pharmacy, Chittoor, Andhra Pradesh	Attitude to work	05/08/2021

11. A. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	Current Status	
Farhan Jalees Ahmad	To Perform Shelf Life studies and Animal safety Studies of selected Unani Formulations as per ICH/OECD Guidelines, CCRUM 42.38 LAKH	2022	2025	Ongoing	01-JRF and 01-SRF
Prof. Yasmin Sultana	Surface engineered Cyclodextrin/ Phospholipid Inclusion complex tagged esketamine loaded Nanofibres for effective oral delivery for treatment-resistant depression (TRD), DST	August 2021	August 2023	Ongoing	01 JRF

B. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2021-2022	Farhan Jalees Ahmad	DHR training program on biological Sciences	2018	2023	Ongoing	
2021-2022	Farhan Jalees Ahmad	Dual drug (synthetic and natural anti-cancer molecules) loaded targeted nanoparticles used in the chemotherapy of drug resistant solid tumor: development of a nanotechnology platform.	2018	2023	Ongoing	Research Fellow
Prashant Kesharwani	Survivin siRNA targeted poly(propylene imine) dendrimer loaded with doxorubicin and lycopene against triple negative breast cancer (ICMR) (37 Lac)	January 2020	December 2022	Ongoing	01 JRF	Prashant Kesharwani
2021-22	Dr. Mohd. Aqil	Dermal nano-gel formulation of berberine for amelioration of acne vulgaris (MQ)	2.7.19	1.7.22	Ongoing	Mr. Mohsin Qureshi
2021-22	Dr. Mohd. Aqil	Lytropic liquid crystalline nano-constructs based targeted drug delivery system of apigenin for the management of skin cancer	1.2.21	31.1.24	Ongoing	Ms. Ayesha Waheed

12. Consultancy projects taken up by the faculty members

Sl. No.	Name of teacher	Consultancy project	Funds generated (in Rs.)
1.	Dr. Mohd. Aqil	Herbal based formulation: Conversion, development and evaluation of the developed formulation	19.5 lakhs
2.	Saima Amin	Development of pharmacokinetic profile of Amycordial Forte and its screening for estrogenic activity (AIMIL/2019/PD/123)	2,50,000

3.	Dr. Zeenat Iqbal; Dr. Mohd. Aamir Mirza	Evaluation of hepatoprotective potential of Herbomineral Ayurvedic product	3 lacs
4.	Dr. Zeenat Iqbal; Dr. Mohd. Aamir Mirza	In vitro and in vivo evaluation of two Ayurvedic products	4.5 lacs
5.	Dr. Zeenat Iqbal; Dr. Mohd. Aamir Mirza	Comparative permeation study of nail lacquers across cadaver nail / bovine hooves	1.5 lacs
6.	Dr. Zeenat Iqbal; Dr. Mohd. Aamir Mirza	Evaluation of Anti-Diabetic potential of Ayurvedic product(s)	3 lacs
7.	Dr. M Aamir Mirza and Dr. Zeenat Iqbal	<i>In vitro</i> and <i>in vivo</i> evaluation of two Ayurvedic products, Venkateswara Ayurveda Nilayam Limited (Sree charitable trust)	3.8 Lacs
8.	Dr. M Aamir Mirza and Dr. Zeenat Iqbal	Evaluation of hepatoprotective potential of Herbomineral Ayurvedic product, Venkateswara Ayurveda Nilayam Limited (Sree charitable trust)	2.8 Lacs
9.	Dr. M Aamir Mirza and Dr. Zeenat Iqbal	Evaluation of hepatoprotective potential of Herbomineral Ayurvedic product, Venkateswara Ayurveda Nilayam Limited (Sree charitable trust)	4.5 Lacs

13. Patents granted to/filed by the faculty members/scholars

A. Patents granted (please provide brief detail)

1. Sarushi Rastogi, Vasudha Sharma and Farhan Jalees Ahmad, "A Colorimetric sensor for detecting oxytocin and a method thereof", Australian Patent No.: 2021104945, 2022
2. M. Aqil, Abdul Ahad, K. Kohli, Yasmin Sultana, Mohd. Mujeeb, **Asgar Ali**, - Patent granted to JAMIA HAMDARD for the term of 20 years from 24/08/2010, in accordance with the provisions of the Patent Act, 1970 for an invention entitled, "Alpha-terpinene as a Novel permeation Enhancer" Patent No. 382589 (Patent Application # 1998/DEL/2010, Date of filing: 24/08/2010). The Patent Office, Govt. of India, **Date of Grant: 25-11-2021.**
3. Ruchi Tiwari, Gaurav Tiwari, Saima Amin. Chemical formulation for increasing platelets counts and method thereof. Patent No. 07649, date of publication 28th September 2022, Granted in Republic of South Africa.

B. Patents filed (please provide brief detail)

1. Saman Fatima, Mohamed Samim, S Pervez, MZ Abdin, Farhan Jalees Ahmad, A formulation comprising protein assembled nano-vehicle encapsulating neurotherapeutic agent and method for preparation thereof, Indian Patent Application No. 202111059333

2. Nazeer Hasan, Gaurav Kumar Jain, Aseem Bhatnagar, Kushagra Khanna, Saurabh Chandra & Farhan Jalees Ahmad, "Advanced vertical spacer for pulmonary drug delivery", Application No- 348268-001, 2021

14. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

1. Sanjula Baboota and Javed Ali (2021) Nanocarriers for the Delivery of Combination Drugs. Micro & Nano Technology Books, Elsevier Inc., (USA). Paperback ISBN:9780128207796. eBook ISBN: 9780128209400.
2. Javed Ali and Sanjula Baboota (2022) Regulatory Affairs in the Pharmaceutical Industry. Academic Press is an imprint of Elsevier Inc., USA. Paperback ISBN: 9780128222119. eBook ISBN: 9780128222232.
3. Zeenat Iqbal, Fahima Dilnawaz. Ebook: Nanomedicinal approaches towards cardiovascular disease. Bentham Science Publishers. Singapore. 2021.
4. Zeenat Iqbal, M Aamir Mirza. Collated 8 Books for the Course Advance Diploma in Drug Regulatory Affairs, ADDRA, (2021 - 2022), SODL, Jamia Hamdard.

PGPRAD 101: An Introduction to Pharmaceutical Drug Regulatory Affairs

PGPRAD 102: General Pharmaceutical Laws and

Guidelines

PGPRAD 103: Drug regulatory Affairs in India

PGPRAD 104: Information and Quality Management

PGPRAD 201: Chemical, Pharmaceutical and biological aspects of Regulatory documentation

PGPRAD 202: Clinical Trials and Health Care Policies

PGPRAD 203: International Licensing

PGPRAD 204: Regulatory considerations in other diverse categories of products

5. Zeenat Iqbal, M Aamir Mirza. A laboratory manual for Physical Pharmaceutics-II -BP 407 P. S.R. Health sciences Pvt. Ltd, India. 2022 (Under Press)
6. Zeenat Iqbal, M Aamir Mirza, Krishna Kumar. A laboratory manual for pharmaceutical engineering- BP 308 P. S.R. Health sciences Pvt. Ltd, India. 2022 (Under Press)
7. Zeenat Iqbal, M Aamir Mirza, Mohd. Aqil. A laboratory manual for Industrial Pharmacy-BP 506 P. S.R. Health Sciences Pvt. Ltd, India. 2021 (ISBN: 978-93-86596-73-4).
8. Zeenat Iqbal, M Aamir Mirza, Krishna Kumar. A laboratory manual for Physical Pharmaceutics-I - BP 306 P. Nirali Prakashan, India. 2021 (ISBN: 978-93-5451-233-9).

9. Zeenat Iqbal, M Aamir Mirza. Pharmaceutical regulatory science- BP 804 ET. S.R. Health Sciences Pvt. Ltd. 2021 (ISBN- 978-93-93221-04-9).
10. M Aamir Mirza, Zeenat Iqbal, Mohd. Aqil (2022). A laboratory manual for Industrial Pharmacy, S.R. Health Sciences Pvt. Ltd., India, 75 pages.
11. M Aamir Mirza, Zeenat Iqbal, Krishna Kumar (2022). Manual for Physical Pharmaceutics-I, Nirali Prakashan, India, 30 pages
12. M Aamir Mirza, Zeenat Iqbal (2022). Pharmaceutical regulatory science. S.R. Health Sciences Pvt. Ltd, India, 210 pages

2. Authored book (edited)

1. Sanjula Baboota and Javed Ali (2021) Nanocarriers for the Delivery of Combination Drugs. Micro & Nano Technology Books. Elsevier, USA.
2. Kesharwani P (Editor), Singh KK (Editor). Nanoparticle Therapeutics: Production Technologies, Types of Nanoparticles, and Regulatory Aspects. Publisher † : † Academic Press Inc (11 November 2021), Paperback † : † 672 pages, eBook ISBN: 9780128209189. Paperback ISBN: 9780128207574
3. Kesharwani P (Editor), Jain NK (Editor). Hybrid Nanomaterials for Drug Delivery (Woodhead Publishing Series in Biomaterials). 1st Edition - February 2, 2022, eBook ISBN: 9780323903561, Paperback ISBN: 9780323857543

Research publications

Sl. No.	Name of teacher	Publication detail (no.)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Asgar Ali	06	01	-	-	-
2.	Farhan Jalees Ahmad	12	08	03		
3.	Yasmin Sultana	10	02	01		
3.	Sanjula Baboota	11	15	05	-	-
4.	Javed Ali	22	15	09	-	-
5.	Mohd. Aqil	10	2	3	-	
6.	Saima Amin	8	-	-	1	-
7.	Dr. Zeenat Iqbal	14	10	7	NA	NA
8.	M Aamir Mirza	07	10	04	NA	NA
9.	Prashant Kesharwani	10	55	11		

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

Prof. Dr. Asgar Ali

- Asgar Ali-Certificate of Appreciation for Participating in Online QUIZ on, “World Environment Day-2021 (Ecosystem Restoration)” on 5 June, 2021, Organized by Nature and Eco Club of Bengaluru Amirita College of Arts and Science, India on the occasion of ‘World Environment Day.
- Asgar Ali -Certificate of Participation in Panel Discussion on, “Mucormycosis (Black Fungus) prevention and treatment for post Covid-19 patients” on 9 June, 2021, Organized by Faculty of Pharmacy, DIT University, Dehradun, India, in association with Indian Pharmaceutical Association, Delhi State Branch
- Asgar Ali -Certificate of Recognition presented to Prof. Asgar Ali, SPER for listing in Top 2% of the World Scientists in the field of “Pharmacology and Pharmacy” in the year 2021 (Source- Updated Science-wide Author Database of Standardized Citation Indicators- Published:19 October 2021;Version 3;DOI:10.17632/btchxktzyw.3), on National Science Day- Jamia Hamdard, New Delhi, 28 Feb., 2022.
- Asgar Ali -Certificate of Appreciation presented to Karishma Khatoun and Prof. Asgar Ali for their research paper published in Drug Delivery and Translational Research- 2021 (Clarivate Analytics- Journal Citation Report impact factor more than 3), on National Science Day- Jamia Hamdard, New Delhi, 28 Feb., 2022
- Asgar Ali -Certificate of Publication in High Impact factor Journal- IF=6.321, by MDPI, Basel, in March, 2022,
- Paper- Farheen Fatima Qizilbash, Muhammad Usama Ashhar, Aameeduzzafar Zafar, Zufika Qamar, Annu, Javed Ali, Sanjula Baboota, Mohammed M. Ghoneim , Sultan Alshehri & Asgar Ali, (Corresponding author) Thymoquinone-Enriched Naringenin-Loaded Nano-structured Lipid Carrier for Brain Delivery

via Nasal Route: In Vitro Prospect and In Vivo Therapeutic Efficacy for the Treatment of Depression, *Pharmaceutics*, 2022;14: 656 pp 1-22

Prof. Dr. Sanjula Baboota

- AICTE-Visvesvaraya Best Teacher Award 2021 by All India Council for Technical Education

Prof. Farhan Jalees Ahmad

- Ms. Nupur Garg, a PhD Scholar under the supervision of Prof. Farhan J Ahmad in the Department of Pharmaceutics, School of Pharmaceutical Education & Research, Jamia Hamdard has won “Best Oral Presentation Award” In IPA Annual convention 16-17th July 2021, for her work on “Solid Phase reversible immobilization (SPRI) beads-based detection of Mycobacterium laprae positive samples through isothermal technique
- Ms. Saman Fatima, a PhD Scholar under the supervision of Prof. Farhan J Ahmad in the Department of Pharmaceutics, School of Pharmaceutical Education & Research, Jamia Hamdard has participated in National Scientific competition for Young Researchers organized by Society for Pharmaceutical Dissolution Science in collaboration with Association of Pharmaceutical Teachers of India (APTI) during DRPI 2021 (17th July 2021) and secured 3rd position in All India Oral presentation completion for her work on “Dissolution studies on HSA nanoparticles encapsulating ropinirole for targeted delivery in brain to treat ischemic stroke”.
- Awarded Second prize on poster entitled “Formulation, optimization and Evaluation of Borage oil based nanoemulsion loaded with Docetaxel for improved anticancer efficacy”, in 3rd national seminar entitled ‘Nano medicine and Medical Devices in Healthcare’, at APEEJAY STYA UNIVERSITY at Gurugram on 10th February 2022.
- Mr S. M. Kawish, a PhD Scholar under the supervision of Prof. Farhan J Ahmad in the Department of Pharmaceutics, School of Pharmaceutical Education & Research, Jamia Hamdard has won “Best Oral Presentation award

in Pharmaceutics and Pharmaceutical Technology track” in 6th Nirma Institute of Pharmacy International Conference jointly organized with Indian Pharmacological Society held during February 17-19, 2022

- Mr S. M. Kawish, a PhD Scholar under the supervision of Prof. Farhan J Ahmad in the Department of Pharmaceutics, School of Pharmaceutical Education & Research, Jamia Hamdard has won “Second Prize for presenting the poster entitled “Formulation, optimization and Evaluation of Borage oil based nanoemulsion loaded with Docetaxel for improved anticancer efficacy’ in the senior group” in 3rd National Seminar entitled ‘Nanomedicine & Medical Devices in Healthcare’ sponsored by DST-SERB and in collaboration with ‘Walter Bushnell’, ‘ASG BioChem’, and ‘Martin & Harris Global’ on 11th February 2022

Dr. Zeenat Iqbal

- Awarded a Rank Among the Top 2% Scientists in the World in Medicinal and Biomolecular Chemistry as per a Subject-Wise Analysis, Dr. John PA Ioannidis Stanford University, Stanford, California, United States of America. <https://doi.org/10.1371/journal.pbio.3000384>, Updated Science-Wide Author Databases of Standardized Citation Indicators - September 2022 (Life Long Contribution List).
- Certificate of Recognition for an “Indian Patent Granted” on National Science Day, 28th February 2022, Jamia Hamdard.
- Certificate of Recognition for “Paper(s) Published in Above 5 Impact Factor” on National Science Day, 28th February 2022, Jamia Hamdard.
- Certificate of Recognition for “Paper(s) Published in Above 5 Impact Factor and Other Publications” on National Science Day, 28th February 2021, Jamia Hamdard.
- Awarded Certificate of Participation in “Review Article Writing Competition”, 30th July 2021, Academic Decipher, Mumbai.

16. A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

Prof. Dr. Javed Ali

- Evaluator, National Board of Accreditation (NBA), New Delhi
- Assessor, National Board of Accreditation (NBA), New Delhi
- Panel of Inspectors, Pharmacy Council of India
- Expert, National Testing Agency
- Expert ICMR

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Prof. (Dr.) Asgar Ali

- Member- Board of Studies, School of Medical and Allied Sciences, Galgotias University, Greater Noida.
- Member- Board of Research Studies, Dept. of Pharmaceutical Sciences, M.D. University, Rohtak

Prof. (Dr.) Javed Ali

- Member, Research Doctoral Committee AKTU
- Subject Expert Sikkim State Service Commission
- Expert Member, Board of studies, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, Haryana
- Expert Member, Research Doctoral Committee, Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, Haryana
- Expert member selection committee Sharda University
- Expert selection committee for PhD candidates for NMIMS University Mumbai
- Subject Expert Himachal Pradesh State Service Commission

- Expert Research Doctoral Committee Sharda University
- Expert Research Doctoral Committee DIT University

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

Prof. Farhan J Ahmad

- Prof Farhan J Ahmad Selected as “Fellow of the Islamic World Academy of Sciences (FIAS).” The Islamic World Academy of Sciences (IAS) is an international scientific organisation
- Prof Farhan J Ahmad Awarded as “Professor of the year 2022 in Pharmaceutics” by Venus International Foundation, Chennai, India

Prof. Yasmin Sultana

- Name listed in the worldwide ranking of top 2% scientists in the field of Pharmacology and Pharmacy in career long and single year by an independent study of Stanford University (Loannidis et al., Updated science-wide author databases of standardized citation indicators, 2021) <https://doi.org/10.1371/journal.pbio.3000918>.

Prof. (Dr.) Javed Ali

- Name listed in the worldwide ranking of top 2% scientists in the field of Pharmacology and Pharmacy in career long and single year by an independent study of Stanford University (Loannidis et al., Updated science-wide author databases of standardized citation indicators, 2021) <https://doi.org/10.1371/journal.pbio.3000918>.

Dr. Amir Mirza

- A research work (Development of Fulvic acid as a commercially viable excipient in drug products) awarded Diamond prize in the conference Pharm-IIDEx 2022 on 10th August 2022, organized by University Teknologi MARA, Malaysia.
- A research work (A strategy for efficient product development for VDDS exploring nanotechnological tools) awarded Gold prize in the conference Pharm-IIDEx 2022 on 10th

August 2022, organized by University Teknologi MARA, Malaysia.

- Guided a team of UG and PG students that won the best poster award at 2nd International conference on Natural Products and Human Health 2022, held at Deshbandhu College (University of Delhi) organized on 4th – 6th 2022. Topic of the presentation was “Oral Bioavailability Enhancement of Antibiotics using Nanoparticles”.

D. Invited as keynote or plenary speaker.

Prof. Farhan J Ahmad

- Prof Farhan J Ahmad Delivered an oral talk in one-week AICTE STTP online Faculty Development program on “Proposal Writing for Grants organized by RC Patel Institute of Pharmaceutical Sciences & Research, Shirpur, Dhule, 5-10 June, 2021
- Prof Farhan J Ahmad Delivered an oral talk in International Conference on Nanotechnology; Opportunities and Challenges (ICNOC 2022) during November 28-29, 2022 in virtual mode, Jamia Millia Islamia, New Delhi-110025, India.
- Prof Farhan J Ahmad Delivered an oral talk 8th Iranian Controlled Release Society Congress (ICRC 2022) and the 3rd Middle East Controlled Release Congress (MECRC 2022), which will be held online on 9-11th May 2022,
- Prof Farhan J Ahmad Delivered an oral talk International Symposium on THEODOR KOTSCHY memorial, “Flora Iranica” May 12-13 2022, which will be held at Kharazmi University, Tehran, Iran in a hybrid mode. The theme of the symposium is “Botany and herbal medicine”

Dr. Zeenat Iqbal

- Invited a Session Moderator on Six Days AICTE/ISTE Refresher Program on “Multidisciplinary & Translational Drug Development-Qbd in Pharma Development”, May 2021, Parul University.
- Invited as Resource Speaker in the AICTE-ISTE Sponsored Online Induction/ Refresher Programme on “Current Trends in Drug Discovery”, May 2021, Parul Institute of

Pharmacy and Research.

- Invited as Speaker on The Webinar On “Regulatory Aspect of Drug Discovery and Development”, May 2021, NIPER-Raebareli.

Dr. Amir Mirza

- Participated as an invited speaker at Harsha Institute of Pharmacy (Lucknow) on world’s pharmacist day celebration (25st Sept 2021). Theme of the celebration was “Pharmacy: Always Trusted for your Health”.
- Participated as an invited speaker in a national webinar on “Navigating Change in Pharma and Healthcare Education” at MJRP University, Jaipur (09th Jun 2021).
- Participated as an invited Speaker in a “Faculty Development Program” on 23rd June 2021 in the Department of Pharmacy, Galgotias University. The theme of the FDP was “Current Scenario of Herbal drug development for Infectious disease”.

17. Placements (list companies/ organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022 (AS submitted by Dr. Zeenat Iqbal

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1	Dr. Reddy’s Lab.	23	NA
2	ZS Associate	03	NA
3	Intas Pharm. Ltd	01	NA
4	Rodec Pharma Pvt Ltd	01	NA
5	Apcer Life sciences	01	NA
6	Alembic Pharmaceuticals	01	NA

18. Any other information

Dr. Saima Amin

- Evaluator for scientific abstract in DISSO RESEARCH PRESENTATIONS INDIA 2020-ONLINE (DRPI 2021) event organized by Society for Pharmaceutical Dissolution Science (SPDS)
- Participation in IPEC webinar on lipid excipients for solubility and bioavailability enhancement held on 29th June 2021, sponsored by International Pharmaceutical Excipients Council of India
- Participation in IPEC webinar on Critical Role of excipients 9th October 2021, sponsored by International Pharmaceutical Excipients Council of India

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

1. **School** : **School of Pharmaceutical Education and Research (SPER)**
2. **Department/Centre** : **Pharmaceutical Chemistry**
3. **Head of the Department: Prof. (Dr.) Bahar Ahmed**
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Dr. Nadeem Siddiqui	M. Pharm., Ph.D.	Professor	Certificate of Recognition for listing in top 2% world scientist in the year 2021, National Science Day-Feb.28, 2022, Jamia Hamdard.
2.	Dr. Mohd. Amir	M.Sc., Ph.D	Professor	Member CPC
3.	Dr. Bahar Ahmed	Ph.D	Professor	Head of the Department, Pharm Chemistry
4.	Dr. Sandhya Bawa	M. Pharm., Ph.D.	Professor	Acting as chairperson, program committee M. Pharm.
5.	Dr. Gita Chawla	M. Pharm., Ph.D.	Professor	i. Coordinated lecture series 2021 of SPER. ii. Acting as chairperson, program committee B.Pharm. iii. Coordinated mentor-mentee program of SPER. iv. Worked as team leader to coordinate flying squad work assigned by University many times.
6.	Dr. Asif Husain	M. Pharm, Ph.D.	Professor	In-charge, Central Instrumentation Facility (CIF), SPER. Member, CAS committee for promotion to Associate Professor, 2021. Chairman, CIF committee, SPER, 2021. Member, Selection Committee, TEM-assistant, 2022, Jamia Hamdard. Member, Academic Council, Jamia Hamdard. Member, Purchase Committee, Dept of Pharm Chem., SPER
7.	Dr. Mymoona Akhter	M. Pharm., Ph.D.	Professor	Member of BOS of Department of Pharmaceutical Chemistry
8.	Dr. M. Shahar Yar	M. Pharm., Ph.D.	Professor	Deputy Director, IQAC, Deputy Proctor, Member, University Research Advisory Committee University Coordinator for NIRF, TIME and QS ranking, Adjunct Professor, AIMST University, Malaysia

9.	Dr. M. Mumtaz Alam	M. Pharm., Ph.D.	Professor	Deputy Director, SODL, Deputy Coordinator, STUTI Programme of Jamia Hamdard PMU Coordinator for Category-II; NAAC Member of BOS of Department of Pharmaceutical Chemistry
10.	Dr. Ozair Alam	M. Pharm., Ph.D.	Associate Professor	--
11.	Dr. M. Shaquiquzzaman	M. Pharm., Ph.D.	Associate Professor	Member of BOS of Department of Pharmaceutical Chemistry NMR facility of CIF-SPER
12.	Dr. Jamshed Haneef	M. Pharm., Ph.D.	Assistant Professor	--
13.	Dr. Rikeshwar Prasad Dewangan	M. Pharm., Ph.D.	Assistant Professor	1. Member of NIRF core committee 2. Member of web cell 3. Member of AISHE 4. Member of CIF committee of SPER 5. In-charge LC-MS/MS facility of CIF-SPER 6. Admission Counsellor of SPER for B. Pharm and D. Pharm course 7. Member of BOS of Department of Pharmaceutical Chemistry
14.	Dr. Rafi Haider	M. Pharm., Ph.D.	Assistant Professor	

5. Detail of Adjunct/Visiting Professor: (1st April, 2021 to 31st March, 2022):

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	Prof. Devender Pathak	Pharmaceutical Chemistry	Medicinal Chemistry	Under Process

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Intake	Enrollment in the year
1.	D. Pharm	UG	60	
2.	B. Pharm	UG	120	
3.	M. Pharm	PG	77	
4.	Ph. D	Doctrate	5	

7. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1.	NMR Console	For spectral analysis
2.	Flame Photometer	To conduct the experiments for UG and PG Students
3.	Gel Electrophoresis	To conduct the experiments for UG and PG Students
4.	Rotavapor	To conduct the experiments for UG and PG Students

8. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1.	Shagufi Nazar	Pharmacophore Approach in Design Synthesis of 2,5-substituted 1,3,4-oxadiazole scaffold for screening of novel anticonvulsant agent.	Prof. Nadeem Siddiqui	JH	With fellowship	ICMR
2.	Payal Kamboj	Design and synthesis of fused heterocyclic imidothiazole and benzothiazole analogues as potential anticancer and anti-inflammatory agents.	Prof. Mohd. Amir	JH	With fellowship	ICMR
3.	Anjali	Design and synthesis of novel quinoxaline analogues as potential anti-inflammatory agents.	Prof. Mohd. Amir	JH	With fellowship	ICMR
4.	Saleem Akbar	Synthesis, <i>In silico</i> Study And Anticancer Activity of Novel Heterocyclic Compounds Containing 4-Aminopyrazolo [3,4-d] Pyrimidine Ring System as mTOR Inhibitors".	Prof Bahar Ahmed	JH	With fellowship	ICMR
5.	Nishtha	Design, synthesis and evaluation of tyrosine kinase inhibitors as potential anticancer agents.	Sandhya Bawa (Supervisor) Asif Husain (Co-supervisor)	JH	With fellowship	RGNF
6.	Ms. Neelima Shrivastava	Studies on Hybrid Heterocyclic compound: Design, Synthesis and Anticancer activity	Prof. Asif Husain	JH	With fellowship	ICMR
7.	Mr. Mohammad Taha Kazmi	Thiazole based Hybrid Compounds: Design, Synthesis and Anticancer activity	Prof. Asif Husain	JH	With fellowship	DST purse
8.	Ms. Farha Bano	Peptide Conjugated Anti-Cancer Drugs: Design, Synthesis, Biological and Pharmaceutical Evaluation	Prof. Asif Husain	JH	With fellowship	ICMR
9.	Kashif Haider	Design, In silico studies, synthesis & pharmacological Evaluation of Novel Nitrogen containing Benz-fused congeners as Anti-proliferative agents	M Shahar Yar & Dr, Abul Kalam	Jamia Hamdard	Fellowship	ICMR

10.	Shaikh Yahya	Design and synthesis of gliptin-quinazolinone based hybrid scaffolds and evaluation of their antidiabetic activity	M. Shahar Yar	Jamia Hamdard	Fellowship	ICMR
11.	Akram	Phytochemical Analysis of some traditional medicinal plants and their assessment against liver disorder	M Shahar Yar & S R Mir	Jamia Hamdard	Fellowship (Project)	CCRUM
12.	Amisha Gupta	Cyano-pyrimidine pendant chalcone derivatives: Design, In-silico studies, Synthesis and Anticancer evaluation targeting Lysine specific demethylase 1 (LSD1)	M Mumtaz Alam, M Shaquiquzzaman & Suhel Parvez	Jamia Hamdard	Fellowship	DST
13	Khalid Saifullah	Synthesis, molecular docking and cell cycle analysis of cyanopyrimidine pendant chalcone derivatives as anticancer agents	M Shaquiquzzaman, M Mumtaz Alam & Mohd Amir	Jamia Hamdard	Without Fellowship	-
14	Vishal Mathur	Design, Synthesis and Biological Evaluation of Pyridine based Scaffold DPP-4 inhibitors in treating Type-II diabetes	Dr.Ozair Alam	JH	without fellowship	
15	Mukund Jha	Design, Computational studies, Synthesis and Biological Evaluation of five and six heterocyclic membered derivatives as antidiabetic agents	Dr. Ozair Alam	JH	With fellowship	SERB
16	Ayesha Hena Afzal	Knowledge Analytics based searching, designing and screening of natural origin compounds through virtual screening and molecular dynamic simulation for potential antidiabetic agent	Dr. Ozair Alam	JH	With fellowship	ICMR
17	Aman Kumar Mahto	Design and synthesis of new peptide and peptidomimetics against drug resistant ESKAPE pathogens and their mode of action studies	Dr. Rikeshwer Prasad Dewangan	JH	With Fellowship	ICMR Project JRF

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Md. Azhar Iqbal	Prof. Asif Husain
2	Ankita Pathak	Prof M Shahar Yar
3	Lalit Mohan Nainwal	Prof M Mumtaz Alam

9. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Smallest Cell imaging technology- CytoSMART	03 September, 2021	CIF, SPER, And ICON Analytical	100 (Offline + Online)

10. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1.	A delegation from Uzbekistan visited the department	University of Uzbekistan	Educational	Nov-2022

11. Sponsored projects**A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)**

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/SRF/ Other staff appointed in the scheme)
		Start date	End date	
Dr M Shaquiquzzaman	Design and Synthesis of Cyanopyrimidine derivatives targeting Histone demethylase 1 as potential anticancer agents (as Principal-investigator)" is under progress. File no: EMR/2017/004400 dtd 14-09-2018 of amount Rs 26,58,800	14-09-2018	28-02-2022	One JRF
Dr. Rikeshwer Prasad Dewangan	Design and synthesis of proline-arginine rich novel peptidomimetics against multidrug resistant pathogens and studies on their mode of action Funding agency- UGC Startup, Amount Sanctioned- 10,00,000/-	01-09-2019	31-08-2022	None

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	Current status	
Prof. Gita Chawla	SERB, DST funded major research project, titled "Development of some novel thiazolidine-4-one analogs as potential PPAR- γ agonists for the treatment of Type 2 diabetes: in silico studies, synthesis and biological evaluation", Total cost of project-3598360/-	01/03/2021	Feb 2024	ongoing	One JRF
PI-Dr. Rikeshwer Prasad Dewangan Co-PI- Prof. M. Shahar Yar	Design and synthesis of intracellular targeting novel antimicrobial peptides against multidrug resistant ESKAPE pathogens and mode of action studies Funding agency- ICMR-EMR Adhoc Amount- 45,13,032/-	14-06-2021	13-06-2024	Ongoing	01

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2020	M Shahar Yar, Dr Syed Shafi	Conjoined positive correlation inhibition of EGFR and DYRK1A using new small molecules: A Novel strategy	01.04.2020	31.03.2023	In Progress	NIL
2021	M Shahar Yar, M, Mujeeb and Uzma Bano	Evaluation of Anti-oxidant and Anticancer Effect of Unani medicine Against Liver cancer: A Preclinical Study	01.01.2021	31.12.2023	In Progress	TWO (SRF)
2021-22	Dr.Ozair Alam	Insight into the design, computational studies, and synthesis of pyrazole linked aryl carbamothioyl acetamide derivatives: implication for antidiabetic activity through α -Glucosidase inhibition	2 nd July 2019	2 nd June 2022	Completed	01 JRF

2021-22	Dr Jamshed Haneef	Crystal Engineering of Canagliflozin for Improving Type 2 Diabetes Mellitus Associated Metabolic Syndrome	Feb 2020	Feb 2023	Going on	Nil
---------	-------------------	---	----------	----------	----------	-----

12. Patents granted to/filed by the faculty members/scholars

Patents filed (please provide brief detail)

Rikeshwer Prasad Dewangan, Aman Kumar Mahto, Mohammad Shahar Yar Cationic conjugates of non-steroidal anti-inflammatory drugs with enhanced antibacterial efficacy. Application file No. 202111044966 Date 04-11-2021.

13. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. Nadeem Siddiqui	02	4	0		
2.	Prof. Mohd. Amir	01	2	None	None	None
3.	Prof. Bahar Ahmed	04	None	None	None	None
4.	Prof. Sandhya Bawa	01	01	-	-	
6.	Prof. Asif Husain	07	07	01	-	-
7.	Prof. Mymoona Akhter	02	--	1	Nil	Nil
8.	Prof. M. Shahar Yar	08	08	01	NIL	N.A.
9.	Prof M Mumtaz Alam	01	01	-	-	-
10.	Dr Ozair Alam	06	05	-	-	-
11.	Dr M Shaquiquzzaman	-	01	-	-	-
12.	Dr Jamshed Haneef	-	-	02	-	-
13.	Dr Rikeshwar Prasad Dewangan	06	01	-	-	-

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

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

Prof. Asif Husain

Member, Project Evaluation Committee, DST

Prof. M. Shahar Yar

PCI Inspector

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Prof. Sandhya Bawa

- External Expert Member of Research Advisory Board of Lloyd Institute of management & Technology, Greater Noida, UP (4-10-2021 onwards)

- Member of BoS for Pharmaceutical Chemistry, Analysis and Quality Assurance. DPSRU, New Delhi (from 23-11-2021 for three years)

Prof. Asif Husain

Member, BoS, IFTM, Moradabad

Member, BoS, Kashmir University

Prof. M. Shahar Yar

Appointed Adjunct Professor at AIMST University, Malaysia

Member Board of Studies of Jaipur National University, Jaipur, Rajasthan

Member Board of Studies of Banasthali University, Rajasthan

Member Board of Studies of IFTM University, Moradabad, Uttar Pradesh.

Prof. M. Mumtaz Alam

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

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

Prof. (Dr.) Nadeem Siddiqui

1. Certificate of recognition for research work published in Bioorg. & Med. Chem. 2007 cited more than 100 times on GoogleScholar. National Science Day, Feb, 28, 2022, Jamia Hamdard, New Delhi
2. Certificate of recognition for research work published in Acta Polaenia Pharmaceutica n Drug Research (2009) cited more than 100 times on GoogleScholar. National Science Day, Feb, 28, 2022, Jamia Hamdard, New Delhi
3. Certificate of Recognition for listing in Top 2% of the World Scientist in the field of “ Pharmacology and Pharmacy” in the year 2021, National Science Day, Feb, 28, 2022, Jamia Hamdard, New Delhi
4. Resource Person, DST STUTI TRAINING PROGRAMME on “Mapping Molocules with Magnet” one week training programme on NMR, Oct 28th, 3rd Nov 2022, Jamia Hamdard

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1	Dr Reddy’s Laboratory, Hyderabad	11: in Pharmaceutical Chemistry and Pharmaceutical Analysis	Annual Salary package Rs.6.27 Lakhs (CTC)

Prof. (Dr.) Bahar Ahmed

1. Awards Received in National Science Day: 4

Prof. Sandhya Bawa: Certificate of Recognition on National Science Day, S28/2/22, Jamia Hamdard for published article cited >100 times

Prof. Asif Husain:

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

D. Invited as keynote or plenary speaker. (Name of the Conference/Symposium/ Workshop etc; Date of lecture; Topic of Lecture)

Dr. Rikeshwar Prasad: As a Key note Speaker in One day symposium on Biotechnology in Health and Environment, Date 26-09-2022, Delivered lecture on Topic ‘Quality Control of Herbal Drugs’ organized by Amity Institute of Biotechnology, Amity University, Mumbai

15. Students achievements

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

Prof. M. Shahar Yar: 02 Students received ICMR fellowship

DEPARTMENT OF PHARMACOGNOSY AND PHYTOCHEMISTRY

1. **School** : School of Pharmaceutical Education & Research
2. **Department /Centre** : Pharmacognosy and Phytochemistry
3. **Head of the Department:** Prof. Mohd. Mujeeb
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Prof. S. H. Ansari	M. Pharma PhD	Professor	Director, CDOE	
2.	Prof. Vidhu Aeri	Ph.D	Dean	Presiding Officer, ICC, Jamia Hamdard. Chairperson, Fact finding Committee, JH Chairperson, CAS Committee for promotion from stage 4 to 5 Chairperson, Scrutiny Committee Editor, University Newsletter, Jamia Hamdard	
3.	Prof. Mohd Mujeeb	Ph.D.	Professor	HoD, Chairperson Hostel mess committee	
4.	Prof. Sayeed Ahmad	PhD	Professor	July 2021 onward (Head Food tech) March 2022 (Coordinator: Centre of Excellence in Unani Medicine)	
5.	Dr. Showkat R Mir	PhD	Associate Professor	Convener, ISGRC JH	Coordinator Approval Process SPER
6.	Prof. Bibhu Prasad Panda	PhD	Professor		

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	D.Pharm	UG	60	1989
2	B.Pharm	UG	60	1989
3	M.Pharm	PG	8	1972
4	Ph.D.	Doctoral	---	1980

6. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1	TLC Scanner	Quality control and metabolomic studies
2	LC-MS with TLC-Mass interface	Chromatographic profiling of drugs and formulation
3	UPLCMC	Research
4	Bead milling	Preparation of cell homogenate (installed at G-8, Microbial & Pharmaceutical biotech lab, Nantotech building, SPER, Jamia Hamdard)

7. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Sultan Zahiruddin	RA	AYUSH	Chronic Kidney Disease

8. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Aftab Alam	Scientific validation of traditional claims of nephroprotective Unani drugs on the basis of in vitro, in vivo and network pharmacological approaches	Prof. Sayeed Ahmad	JH	Yes	Consultancy Project
2	Anuradha Shee	Development of nephroprotective beverage from Indian medicinal plants	Prof. Sayeed Ahmad	JH	Yes	DST
3	Akanksha	--	Prof Mohd Mujeeb	JH	Without fellowship	
4	Zeba Usmani	--	Prof Mohd Mujeeb	JH	Without fellowship	
5	Farheen Azad	Assessment of developed bio nutraceutical supplementation in the matrix mineralization and regulation of bone morphogenetics markers in vitro for post-menopausal osteoporosis	Prof Bibhu Prasad Panda	JH	With fellowship	ICMR, Govt of India

6	Zuha Rehman	Optimization of extraction of Lutein, Zeaxanthin, Meso-zeaxanthin from marigold flowers by using extraction methods	Prof. Vidhu Aeri	JH	With fellowship	Maulana Azad National Fellowship, UGC, Govt of India
7	Aanchal Loshali	Development of Lupane and its Semisynthetic derivative based Formulation for Antiepileptic activity	Prof. Vidhu Aeri	JH	Without fellowship	-
8	Garima Tripathi	-	Prof. Vidhu Aeri	JH	Without fellowship	-

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Rajesh Kumar Verma	Prof. Sayeed Ahmad
2	Ms Abida Parveen	Prof. S.H.Ansari
3	Shefali Madan	Dr. Bibhu Prasad Panda

9. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Webinar on Preparative purification solution,	June 3, 2021 (SRMir - Organizer)	Shimadzu-SPER Jamia Hamdard	100

10. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Dr. Sayeed Ahmad	Malaysian Natural Product Society, Malaysia		18-19 August 2021
2	Dr. Sayeed Ahmad	Faculty of Unani Medicine, AMU, Aligarh, India	Unani Medicine and Sustainable Public Health	26 March 2022
3	Dr. Sayeed Ahmad	International Conference of Society for Ethnopharmacology 2022, JSS Mysuru, Karnataka, India		22-24 April 2022
4	Dr. Sayeed Ahmad	State Unani Medical College and Hospital, Prayagraj, India	Modern method for quality control of Unani Medicine	21 May 2022
5	Dr. Sayeed Ahmad	International Conference in Yoga Research and its Applications, S-VYASA, Bengaluru, India	Metabolomic profiling and traditional Unani Medicine for quality control and scientific validation of traditional claims	26-29 May 2022

6	Dr. Sayeed Ahmad	International Society for Ethnopharmacology, Taichung city, Taiwan		28-31 May 2022
7	Prof. Bibhu Prasad Panda	Parul University	“COVID 19: Trends in Modern and Traditional medicine”. Topic: Understanding SARS-CoV-2 Virus at Genomic & Proteomics level.	Jun 10, 2021
8	Prof. Vidhu Aeri	NISPR, New Delhi	The wealth of India- Raw Material Series	Nov 17, 2021
9	Prof. Vidhu Aeri	60 th National Pharmacy Week, Delhi State Branch	Pharmacist: Integral Part of Healthcare Valedictory session	Nov 27, 2021
10	Prof. Vidhu Aeri	Lloyd Institute of Management and technology	National Education policy transformation reforms in higher education: Making a Global Impact	Dec 17-18, 2021
11	Prof. Vidhu Aeri	International Conference on Emerging Trends in drug Discovery and Development	-	Jan 20-21, 2022
12	Prof. Vidhu Aeri	GLOBAL SDG SUMMIT	-	Feb 25, 2022
13	Prof. Vidhu Aeri	CSIR-CCMB	And Herbal Plants using DNA-Based Barcode Analysis”	April 05, 2022

11. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/ SRF/Other staff appointed in the scheme)
		Start date	End date	
Prof. Sayeed Ahmad	“Quality control assessment of ambhring age embrace revitalizer oil”, Transformative Learning Solutions Pvt. Ltd., (25 lakhs).	2020	2022	1 Research Scientist and 2 SRF
Prof. Vidhu Aeri	“Development of IT tool for identity of Crude Powdered Botanicals through Analytical Microscopy”, DBT BIRAC PACE (AIR), Govt. Of India, 42.20 Lakhs	2019	2022	2 JRF and 1 Lab Attendant

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/ SRF/Other staff appointed in the scheme)
		Start date	End date	Current status	
PI. Prof. Sayeed Ahmad	“Centre of Excellence in Unani Medicine (Pharmacognosy/ Pharmacology)” AYUSH, (10 Crore)	03/2022	02/2025	Ongoing	1 RA 1 SRF 3 Supporting staff
PI. Prof. Sayeed Ahmad	“Development of sugar free dosage forms, Quality control and pharmacological evaluation of Unani formulations” CCRUM, (28.21 lakhs)	01/2022	12/2022	Ongoing	1 SRF

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as

Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/ SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2021-22	PI. Prof. Sayeed Ahmad	“Centre of Excellence in Unani Medicine (Pharmacognosy/ Pharmacology)” AYUSH, (10 Ten Crore)	03/2022	02/2025	Ongoing	1 RA 1 SRF 3 Supporting staff
2021-22	PI. Prof. Sayeed Ahmad	“Development of sugar free dosage forms, Quality control and pharmacological evaluation of Unani formulations” CCRUM, (28.21 lakhs)	01/2022	12/2023	Ongoing	1 SRF
2021-22	Prof. Sayeed Ahmad	“Development of herbal formulation from medicinal plants for the therapeutic management of Mycobacterium avium subspecies paratuberculosis infection in domestic livestock” DBT (Rs. 96.04 lakhs)	02/2020	01/2023	Ongoing	1 JRF

2021-22	PI. Prof. S.H. Ansari And Co PI. Prof. Sayeed Ahmad	“Pharmacokinetics, stability and quality control studies on Itrifals of the Unani Pharmacopoeia of India (Part 2 V1 & V2) using Chromatographic Analysis by HPTLC and LC-MS.” CCRUM, (Rs 41.54 lakhs)	2021	2022	Ongoing	1 SRF
2021-22	PI. Dr. Anuja Krishnan And Co PI. Prof. Sayeed Ahmad	“Identification of Anti-dengue Viral compounds from Unani Medicinal Plants and Formulations.” CCRUM, (Rs 55.47 lakhs)	2020	2022	Ongoing	1 SRF 1 JRF
2021-22	S.H. Ansari (PI) Dr. Sayeed Ahmad (Co-PI)	Pharmacokinetics, stability and quality control studies of Itrifals of Unani Pharmacopoeia of India (part 2, v1 & v2) using chromatographic analysis by HPTLC and LCMS (ccrum) (Rs 41, 85, 400)	21-10-2020	21-10-2023	On going	JRF
2021-22	Prof. Vidhu Aeri (PI)	“Development of Cell-based assays for bioactivity guided fractionation and evaluation of natural products”, by UGC SAP DRS II (130.50 lakhs)	12-06-2018	31-03-2023	Ongoing	Project Fellow
2021-22	Prof. Vidhu Aeri	Establishment of High-Performance Counter-Current Chromatography (HPCCC) Facility for development of Phytopharmaceuticals, MODROB AICTE, (Rs. 12 lakhs)	02-12-2019	31-12-2022	Ongoing	-

12. Consultancy projects taken up by the faculty members during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of teacher	Consultancy project	Funds generated (in Rs.)
1	Prof. Sayeed Ahmad	Aftab Alam	11.5 lakh

13. Patents granted to/filed by the faculty members/scholars

A. Patents filed (please provide brief detail)

1. Indian Patent: Sayeed Ahmad, 2021. An Herbal Formulation for Management of Neurodegenerative Disorders and A Method of Preparation Thereof, Application No.: 202111022162, P.2204.IN
2. Indian Patent: Sayeed Ahmad, 2021. An Herbal formulation for immunomodulation and method of preparation thereof. Jamia Hamdard, Apl No. 202111028516 Ref no. P.2252.IN.

14. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

1. Sayeed Ahmad (2021), Quality control analysis of Araqiyaat using GC-MS (fingerprinting) in a book entitled, "Advanced Analytical Methods for Quality control of Unani drugs- Arqiyaat (Distillates) with Central Council for Research in Unani Medicine.
2. Prof S.H. Ansari and Monalisha Samal, "Concise Text book of Pharmacognosy, Birla Publishers N.D, 304 Pgae".
3. Prof S.H.Ansari and Monalisha Samal, "Pharmacognosy guidelines series, Tara Publisher N.D , 296 pages"

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof. Sayeed Ahmad	15	8	2	-	-
2	Showkat R. Mir	13	2	2	2	1
3	Prof. Mohd Mujeeb	10	02	02	NIL	NIL
4	Prof Bibhu Prasad Panda	04	01	00	00	00
5	Prof. Vidhu Aeri	04	00	00	00	00

15. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

1. Nominated Member of Unani Pharmacopoeial sub-committee, Ministry of AYUSH, Govt of India
2. Nominated as Honorary Expert Member (Pharmacognosy) Herbal Pharmacopoeia of United States
3. Member AYUSH Pharmacopoeia core committee on Harmonization of AYUSH Pharmacopoeias, Ministry of AYUSH, Govt of India
4. Member National Unani Pharmacopoeial Sub Committee.

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

1. Academic Editor: Journal of Food Quality, eCAM, BioMed Res Int, Bentham Science
2. Editor: Journal of Planar Chromatography and Modern TLC, Springer
3. Associate Editor: Frontiers in Pharmacology (Ethnopharmacology)
4. Member Editorial Board: Journal of Phytochemistry and Biochemistry
5. Member Editorial Board: Current Clinical Pharmacology, Bentham,

C. Invited as keynote or plenary speaker.

1. Invited Speaker in International Congress of International Society for Ethnopharmacology. Taichung city, Taiwan Asian, 28-31 May 2022.
2. Chaired Scientific Session and Speaker during 9th International Conference of Society for Ethnopharmacology 2022, 22-24 April 2022, held at JSS Mysuru, Karnataka, India.
3. Invited speaker in International Conference on Frontiers in Yoga Research and its Applications, S-VYASA, Bengaluru, 26-29 May 2022
4. Speaker CME Programme for Teachers organized by State Unani Medical College and Hospital, Prayagraj, 21st May 2022.
5. Speaker CME Programme for Teachers organized by Faculty of Unani Medicine, AMU, Aligarh, 21-26 March 2022.
6. Chaired Scientific Session during 8th International Conference of Ethnopharmacology Sciences 2021, 27-29 August, 2021, Pune, India.
7. Invited Speaker in Asian Symposium on Medicinal Plants and Species XVII, Organized by Malaysian Natural Product Society, 18-19 August 2021.
8. Chaired Scientific Session and Speaker during 8th International Conference of Ethnopharmacology Sciences 2021, 27-29 August, 2021, Pune, India.
9. Good teaching practices in the preparation of NEP2020, FDP, IES Institute of Pharmacy, Bhopal on 17th August, 2021 (online)

16. Any other information

- Poster Evaluator for National Webinar on Innovative Research and Challenges in Pharmaceutical Sciences, organized by SPER on March 11, 2021
- Member Organizing Committee, NDDD-4 organized by SPER on March 11, 2021.
- International symposium on current trends in pharmacognosy, Sept 3, 2021, Faculty of Pharmacy, Ege University, Turkey
- 1st National Tishk Pharmaceutical Conference (NTPC) on “Paradigm shift in Drug Discovery and Development” Erbil, Iraq, 26-27 June 2021

DEPARTMENT OF PHARMACOLOGY

1. **School** : **School of Pharmaceutical Education & Research (SPER)**
2. **Department /Centre** : **Pharmacology**
3. **Head of the Department:** **Prof. Abul Kalam Najmi**
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Prof. Abul Kalam Najmi	M. Pharm., PhD.	Professor	Head, Dept. of Pharmacology, SPER Chairman, BOS, Dept. of Pharmacology Member CAS Committee for evaluation of CAS Forms
2.	Dr. Uma Bhandari	M. Pharm (Pharmacology), PhD	Professor of Pharmacology.	
3.	Prof. Shibli Jameel Ahmad	M. Pharm, Ph.D.	Professor	
4.	Dr. Divya Vohora	M. Pharm, Ph.D.	Professor	Chairperson, Institutional Student Grievance Redressal Committee (ISGRC), Jamia Hamdard Elected as Fellow of the Royal Society of Biology (FRSB), London, UK
5.	Prof. Syed Ehtaishamul Haque	Ph.D	Professor	Director (Incharge), JHRCA
6.	Prof.. Manju Sharma	M.Pharm., PhD	Professor	Incharge Pharmaceutical Medicine Dy Superintend, Examination
7.	Dr, Kiran Dubey	M.Pharm., PhD	Associate Professor	
8..	Dr. Mohd Akhtar	M.Pharm, PHD	Associate Professor	
9.	Dr. Mohammad Ahmed Khan	M. Pharm., Ph.D.	Assistant Professor	Member Admission Committee
10.	Dr Suruchi Singh	M. Pharm., Ph.D.	Assistant Professor (Contractual)	
11	Dr. Afroz Ahmad	M. Pharm., Ph.D.	Assistant Professor (Contractual)	

12	Dr. Bushra	M. Pharm., Ph.D.	Assistant Professor (Contractual)	
----	------------	------------------	-----------------------------------	--

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	M Pharm (Pharmacology)	PG	15	15
2	M Pharm (Pharmacy Practice)	PG	08	08
3	PhD (Pharmacology, PP and Pharm Medicine)	Doctoral	-	14

6. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1.	Dr. Tahira Khan	Research Associate	ICMR	Neuro Pharmacology
2.	Dr. Sumit Sharma	Research Associate	ICMR	Cardiovascular Pharmacology

7. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of Ph.D. thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
01	Shaik Abdul Rahman	Effects of metformin and its combination with teneligliptin or empagliflozin on bone turnover markers in patients with type 2 diabetes mellitus: a prospective study	Prof. Divya Vohora	JH	With fellowship	ICMR-SRF(3 years from 12 Feb 2019 to 11 feb 2022)
02	Nikita Nirwan	Evaluation of linagliptin and its bone-targeted nano-formulation for potential treatment of osteoporosis.	Prof. Divya Vohora	JH	With fellowship	ICMR-SRF (3 years from 10-july 2019)
03	Vaishali Yadav	Pharmacological and metabolomic evaluation of Piper longum L. fruit for anti-genotoxic potential with a focus on Alzheimer's disease	Prof. Divya Vohora	JH	With fellowship	ICMR-SRF (3 years from 07 dec 2020-06 dec 2025)

04	Divya Goel	To unravel the effect of ganaxolone for the mitigation of beta-amyloid toxicity and bone loss associated with Alzheimer's Disease.	Prof. Divya Vohora	JH	With fellowship	ICMR-SRF (2 years from 22-feb 2021)
05	Shreshtha Jain	Investigation of the effects of major components of medium-chain triglyceride (MCT) diet on	Prof. Divya Vohora	JH	With fellowship	DST-Inspire (5 years from 07 dec 2020-06 dec 2025)
06	Tabassum ara	Effect of abaloparatide and its combination with zoledronate in osteoporosis	Prof. Divya Vohora	JH	Without fellowship	NA
07	Kamini Bhavsar	Assessment of cognitive impairment and potential biomarkers in adults with epilepsy in a tertiary case study: Across sectional study	Prof. Divya Vohora	JH	Without fellowship	NA
08	Sheikh Sana Nazir	Evaluation of liproxstatin-1 and deferiprone for mitigation of amyloid beta toxicity associated with Alzheimer's disease: an anti-ferroptotic approach	Prof. Divya Vohora	JH	Without fellowship	NA
09	Ritu Mishra	Effect and Possible Mechanism of Adjuvant Drugs on Safety and Efficacy of First Line Oral Antitubercular Therapy.	Dr. Manju Sharma	JH	yes	DST Inspire
10	Abdul Haye	Pharmacological Evaluation of a Polyherbal formulation and Sodium-glucose cotransporter-2 Inhibitors in Experimental Diabetes mellitus	Dr. Manju Sharma	JH	yes	Sun Pharma
11	Farah Deeba	Role of Endocannabinoids in Diabetes mellitus and modulation by drugs.	Dr. Manju Sharma	JH	-	-
12	Avinash Singh	Assessment of trough levels of imatinib and patients related outcomes in chronic myeloid leukemia	Dr. Manju Sharma	JH	yes	Sun Pharma

13	Tufail Ahmad	Diabetes mellitus	Dr. Manju Sharma	JH	yes	Sun Pharma
14.	Himani Gupta	To assess the nephroprotective potential of Cinnamaldehyde via modulation of AMPK/ACC and AMPK /NF- κ B pathways in obesity associated nephropathy in C57BL/6 mice.	Prof. Uma Bhandari	JH	without fellowship	
15.	Ms. Shivani Agarwal	Evaluation of neuroprotective effects of Kinetin, a plant cytokinin combined with zinc in murine model of Traumatic brain injury.	MOHD AKHTAR	JH	Without fellowship	
16.	Ms. Hibah Husain	Preclinical evaluation of Natural products in Cardiometabolic Syndrome (CMS)	MOHD AKHTAR	JH	Without fellowship	
17.	Sana Khan	Evaluating the plausible role of deregulated hematological signals in the priming, onset and progression of obesity induced neurodegeneration'	Prof. Abul Kalam Najmi	JH	With Fellowship	ICMR-SFR
18.	Wasiuzzaman Khan	Role of sulforaphane on brain insulin resistance via nrf2 modulation in amyloid beta induced model of Alzheimer's disease: plausible role of ppar-gama activation	Prof. Abul Kalam Najmi	JH	With Fellowship	ICMR-SRF
19.	Meenu	Evaluation of selected flavonoids as therapeutic intervention in diabetic nephropathy by inhibition of NF- κ B and NLRP3 inflammasome pathways	Prof. Abul Kalam Najmi	JH	Without Fellowship	-
20.	Nadeem Ahmad	Development and Evaluation of a Novel Fixed Dose Combination (FDC) as a therapeutic intervention in Alzheimer Disease; A Synthetic-Herbal Drugs Combination Approach.	Prof. Abul Kalam Najmi	JH	With Fellowship	ICMR-SRF

21.	Fasial Ashraf Bhat	Nanotechnology based targeting of sodium glucose co-transport inhibitors on sirtuin-I regulation against heart failure in-silico, in-vitro, and invivo studies.	Prof. Abul Kalam Najmi	JH	With Fellowship	ICMR-SRF
22.	Sadat Shafi	Investigating Novel Pharmacological Approaches for Inhibiting Metabolic Targets Associated with Cancer and Malaria.	Prof. Abul Kalam Najmi	JH	With Fellowship	ICMR-SRF
23.	Digvijaya	Targetting overexpressed lactoferrin receptors on BBB for the site specific delivery of nano-formulation of Fisetin conjoined to Donepezil and Lactoferrin engineered to treat the underlying pathology of Alzheimer's disease	Prof. Abul Kalam Najmi	JH	Without Fellowship	-
24.	Faraz ul Hoda	Adverse drug profiling and assessment of HRQOL in patients with T2DM receiving SGLT2 inhibitors: A cross sectional study from north Indian T2DM patients in Real world practice	Prof. Abul Kalam Najmi	JH	Without Fellowship	-
25.	Asma Naqi	Hepatopharmacology	Prof. Abul Kalam Najmi	JH	With Fellowship	CCRUM-JRF
26.	Aamir Khan	Effect of D-Pinitol on isoproterenol induced Myocardial infarction in Swiss Albino mice	Prof. S. E. Haque	JH	without fellowship	-
27.	Mohd Waseem	Effect of verbenone on cyclophosphamide induced multiple organ toxicity in Swiss albino mice	Prof. S. E. Haque	JH	With fellowship	ICMR SRF
28.	Md.Tousif	In-vitro and In-vivo evaluation of gastrodin on breast cancer.	Prof. S. E. Haque	JH	without fellowship	-
29.	Tabassum Saifi	In-vitro and In-vivo evaluation of erdosteine and its combination with cyclophosphamide on hepatic cancer	Prof. S. E. Haque	JH	without fellowship	-

30.	Wasim Akram	Effect of levocabastine on cyclophosphamide-induced neurotoxicity in Swiss albino mice: Targetting NTS2 receptor.	Prof. S. E. Haque	JH	with fellowship	ICMR SRF
31.	Mohd. Almas Khan	Evaluation of Camphene against cyclophosphamide induced cardio- and neurotoxicity in Wistar albino rats	Prof. S. E. Haque	JH	without fellowship	-
32.	Mohammad Moonis	Prevention of cyclophosphamide induced neurotoxicity by selected drug	Prof. S. E. Haque	JH	Without fellowship	-
33.	Faraha Ahmed	Investigations on Effect of DPP4 Inhibitor- Alogliptin on Bone Health in Postmenopausal Osteoporosis	Dr. Mohammad Ahmed Khan	JH	No fellowship	-
34.	KM Soumya	Effect of Chrysin on Bone Lose Disease through DPP-8/9 Protease modulation	Dr. Mohammad Ahmed Khan	JH	Pharma medicine	SUN pharma
35.	Syed Sufian Ahmad	Novel Predictors of Renal Function and Assessment of Health-Related Quality of Life in Chronic Kidney Disease Patients	Dr. Mohammad Ahmed Khan	JH	No fellowship	-

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Ankit Srivastava (Date of Viva – Aug 18, 2021. PhD notification no. JH/Exam/N-PhD-34/2021)	Prof. Divya Vohora
2.	Preeti Vyas (Date of Viva – Apr 28, 2021, PhD notification no. JH/Exam/N-PhD-22/2021)	Prof. Divya Vohora
3.	Ritu Mishra	Prof. Manju Sharma
4.	Abdul Haye	Prof. Manju Sharma
5.	Priyanka Bansal	Prof. Uma Bhandari
6.	Priyanka Arya	Prof. Uma Bhandari
7.	Mr. Noorul Hasan	Dr. Mohd Akhtar
8.	Tahira Khan	Prof. Abul kalam Najmi
9.	Rustam Ekbbal	Prof. S. E. Haque

8. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Dr Moin Don	CEO PVCON	Pharmacovigilance from Industry perspective	23-09-2022

9. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (In Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
		Start date	End date	Current status	
Prof. Divya Vohora	Upgradation and Modernization of Neurobehavioral Pharmacology Laboratory to enable basic and translational research to understand molecular and cellular pathways involved in neurological diseases as also for PG teaching and training	2/12/2019	1/09/2021		Not applicable

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
1.	Prof. Abul Kalam Najmi	Investigation of hepatoprotective activity of unani formulations with emphasis on alleviation of anti tubercular drugs induced hepatotoxicity: Elucidation of molecular mechanism, CCRUM, Rs. 32,23,60	04-01-2022	03-01-2025	ongoing	One JRF

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
				Start date	End date	Current status	
1.	2021-2022	Prof. Divya Vohora Prof. Uma Bhandari	Epilepsy associated with Osteoporosis under UGC SAP DRS -II,	2018	2023	Ongoing	01 (RF)

10. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

Vohora D (Editor). *Experimental and Translational Models to Screen Drugs Effective Against Seizures and Epilepsy*. Neuromethods Series by **Springer Nature**, 2021 (ISBN 978-1-0716-1253-8).

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. Abul Kalam Najmi	7	2	-	-	-
2.	Prof. Uma Bhandari	01	-	-	-	-
3.	Prof. Divya Vohora	06	06	03		
4.	Prof. Manju Sharma	6	4	01	-	-
5.	Dr. Mohd Akhtar	06	-	-	-	-
6.	Prof. S. E. Haque	09	06	-	-	-
7.	Dr. Mohammad Ahmed Khan	04	09	02	03	-

- Allawadhi P, Khurana A, Sayed N, Godugu C, **Vohora D**. [Ameliorative effect of cerium oxide nanoparticles against Freund's complete adjuvant-induced arthritis](#). *Nanomedicine (Lond)*. 2022 Mar;17(6):383-404. doi: 10.2217/nmm-2021-0172. Epub 2022 Feb 7 (**impact factor 6.09**)
- Goel D, Srivastava A, Aledo-Serrano A, Krishnan A, **Vohora D**. Pharmacotherapy of SARS-CoV-2 and seizures for drug repurposing presumed on mechanistic targets. *Curr Mol Pharmacol*. 2022 Jan; 15 (6): 832-845. doi: 10.2174/1874467214666211013122528 (IF 3.01)

3. Ahmad S, Sharma S, Afjal MA, Habib H, Akhter J, Goswami P, Parvez S, **Akhtar M**, Raisuddin S. mRNA expression and protein-protein interaction (PPI) network analysis of adrenal steroidogenesis in response to exposure to phthalates in rats. *Environmental Toxicology and Pharmacology* 2022; 89: 103780(**International, IF=4.860**) *ISSN*: 1382-6689
4. Alam M, Javed MN, Najmi AK, Ahmad FJ, Imam SS and **Akhtar M**. Thymoquinone Lipid Nanoparticles Cut the Gordian Knots of Depression via Neuroprotective BDNF and Down regulation of Neuro-inflammatory NF- κ B, IL-6, and TNF- α in LPS Treated Rats. *Current Drug Metabolism*; 2021; 22(12): 978-988. (**International, IF=2.96**) *ISSN*: 1389-2002
5. Siddiqui N, Ali J, Parvez S, Zameer S, Najmi AK, **Akhtar M**. Linagliptin, a DPP-4 inhibitor, ameliorates A β (1-42) peptides induced neurodegeneration and brain insulin resistance (BIR) via insulin receptor substrate-1 (IRS-1) in rat model of Alzheimer's disease. *Neuropharmacology* 2021; 195:108662. (**International, IF=5.251**) *ISSN*: 0028-3908
6. Hasan N, Zameer S, Najmi AK, Parvez S, Yar MS, **Akhtar M**. **Roflumilast and tadalafil improves learning and memory deficits in intracerebroventricular A β 1-42 rat model of Alzheimer's disease through modulations of hippocampal cAMP/cGMP/BDNF signaling pathway. *Pharm Report* 2021; 73(5), 1287-1302. (**International, IF=3.025**) *ISSN*: 1734-1140**
7. Zameer S, Hussain S, Vohora D, Ali J, Najmi AK, **Akhtar M**. Alendronate reduces the cognitive and neurological disturbances induced by combined doses of D-galactose and aluminium chloride in mice. *J Applied Toxicology* 2021; 41(11): 1779-1793. (**International, IF=3.446**) *ISSN*: 1099-1263.
8. Zameer S, Ali J, Vohora D, Najmi AK, **Akhtar M**. Development, optimization and evaluation of chitosan nanoparticles of alendronate against Alzheimer's disease in intracerebroventricular streptozotocin model of Alzheimer's disease for brain delivery. *J of Drug Targeting* 2021; 29(2): 199-216 (**International, IF=4.631**) *ISSN*: 1061-186X
9. Vyas P, Tulsawani R, **Vohora D**. Dual targeting by inhibition of phosphoinositide-3-kinase (PI3K) and mammalian target of rapamycin (mTOR) attenuates the neuroinflammatory responses in murine hippocampal cells and seizures in C57BL/6 mice. *Frontiers in Immunology* Nov 23;12:739452. doi: 10.3389/fimmu.2021.739452. (**impact factor 8.78**)
10. Agarwal S, Vyas P, Nirwan N, **Vohora D**. Effect of Lacosamide on neuroinflammation-mediated seizures comorbid with depression in C57BL/6 mice – role of kynurenine pathway. *Epilepsy Behav.* 2021 Oct; 123:108262 (IF 2.93).
11. Bajaj S, Jain S, Vyas P, Bawa S, Vohora D. The role of endocannabinoid pathway in the neuropathology of Alzheimer's disease: Can the inhibitors of MAGL and FAAH prove to be potential therapeutic targets against the cognitive impairment associated with Alzheimer's disease? *Brain Res Bull.* 2021 Sep;174:305-322. doi: 10.1016/j.brainresbull.2021.06.022 (IF 3.5).
12. Jain S, Potschka H, Chandra PP, Tripathi M, **Vohora D**. Management of COVID-19 in patients with seizures: Mechanisms of action of potential COVID-19 drug treatments and consideration for potential drug-drug interactions with anti-seizure medications. *Epilepsy Res* 2021 May 19; 174:106675 (IF 3.04).
13. Shaik AK, Singh P, Shaik C, Kohli S, **Vohora D**, Ferrari SL. [Metformin: Is It the Well Wisher of Bone Beyond Glycemic Control in Diabetes Mellitus?](#) *Calcif Tissue Int.* 2021 Jun;108(6):693-707. doi: 10.1007/s00223-021-00805-8 (IF 4.33).
14. Jain S, Rai R, Singh D, **Vohora D**. [Octanoic acid a major component of widely consumed medium-chain triglyceride ketogenic diet is detrimental to bone.](#) *Scientific Reports* (Nature Publishing Group) 2021 Mar 26;11(1):7003. doi: 10.1038/s41598-021-86468-9. PMID: 33772066 (**Impact factor 5.13**).
15. Nirwan N, Nikita, Sultana Y, **Vohora D**. Liposomes as multifaceted delivery system in

- the treatment of osteoporosis. **Expert Opin Drug Deliv.** 2021 Jun;18(6):761-775. doi: 10.1080/17425247.2021.1867534 (Impact factor 6.64).
16. Goel D, **Vohora D**. Liver X receptors and Skeleton: Current state-of-knowledge. **Bone.** 2021 Mar 144:115807. (doi: 10.1016/j.bone.2020.115807) (IF 4.5).
 17. Zameer S, Hussain S, **Vohora D**, Kalam Najmi A, Ali J, Akhtar M. [Alendronate reduces the cognitive and neurological disturbances induced by combined doses of d-galactose and aluminum chloride in mice.](#) *J Appl Toxicol.* 2021 Nov;41(11):1779-1793. doi: 10.1002/jat.4160.
 18. Husain SZA, Khuroo A, Marwah A, **Vohora D**. Pharmacokinetic study of olopatadine 10 mg extended release tablet in comparison with olopatadine 5 mg immediate release tablet in indian population. *Int J Curr Pharm Res* 13(1): 70-74.
 19. Mujeeb M, Ahad A, Aqil M, Siddiqui WA, **Najmi AK**, Akhtar M, Shrivastava A, Qadir A, Moolakkadath T. Ameliorative effect of rubiadin-loaded nanocarriers in STZ-NA-induced diabetic nephropathy in rats: formulation optimization, molecular docking, and in vivo biological evaluation. **Drug Delivery and Translational Research.** 2022 Mar;12(3):615-28.
 20. Singh A, Danda D, Hussain, **Najmi AK**, Mathew A, Goel R, Lakhan SE, Tajuddin B, Benny A. Efficacy and safety of tocilizumab in treatment of takayasu arteritis; A systematic review of randomized controlled trials. *Modern Rheumatology* 2021;31(1):197-204.
 21. Khan S, Pati S, Singh S, Akhtar M, Khare P, Khan S, Shafi S, **Najmi AK**. Targeting hypercoagulation to alleviate Alzheimer's disease progression in metabolic syndrome. **International Journal of Obesity.** 2022 Feb;46(2):245-54.
 22. Akhter J, Khan J, Baghel M, Beg MM, Goswami P, Afjal MA, Ahmad S, Habib H, **Najmi AK**, Raisuddin S. NLRP3 inflammasome in rosmarinic acid-afforded attenuation of acute kidney injury in mice. **Scientific reports.** 2022 Jan 25;12(1):1-5.
 23. Haider K, Ahmad K, **Najmi AK**, Das S, Joseph A, Shahar Yar M. Design, synthesis, biological evaluation, and in silico studies of 2-aminobenzothiazole derivatives as potent PI3K α inhibitors. **Archiv der Pharmazie.** 2022:e2200146.
 24. Khan T, Nabi B, Rehman S, Akhtar M, Ali J, **Najmi AK**. Quality by Design Approach to Formulate Empagliflozin-Loaded Chitosan Nanoparticles: In Vitro, In Vivo and Pharmacokinetic Evaluation of Anti-Diabetic Drugs. **NANO Brief Reports and Reviews.** 2021;16(13): 2150149-64.
 25. Haider K, Rehman S, Pathak A, **Najmi AK**, Yar MS. Advances in 2-substituted benzothiazole scaffold-based chemotherapeutic agents. **Archiv der Pharmazie.** 2021 Dec;354(12):2100246.
 26. Khan T, Khan S, Akhtar M, Ali J, **Najmi AK**. Empagliflozin nanoparticles attenuates type2 diabetes induced cognitive impairment via oxidative stress and inflammatory pathway in high fructose diet induced hyperglycemic mice. **Neurochemistry International.** 2021 Nov 1;150:105158.
 27. Hussain S, Baxi H, Riad A, Klugarová J, Pokorná A, Slezáková S, Ličeník R, **Najmi AK**, Klugar M. COVID-19-Associated Mucormycosis (CAM): An updated evidence mapping. *International journal of environmental research and public health.* 2021 Sep 30;18(19):10340.

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

- Prof. Divya Vohora was awarded Fellowship of the Royal Society of Biology (FRSB), London, UK
- Prof. Divya Vohora was among Top 2% of the World Scientist as per 2020-2021 Database of Stanford University Study Results Declared In October 2021. The analysis, which was conducted

using research publications up to 2020 end, was published in PLOS Biology on October 19, 2021

- Dr. Mohammed Ahmed Khan attended International IASTAM Conclave 2022

12. Invited as keynote or plenary speaker.

Prof. Divya Vohora was invited as a Resource Person in *AICTE Sponsored Short Term Training Program on Molecular Neuroscience: From Cells to Circuits in Health and Disease*, Phase III: Pre-clinical & Clinical Aspects in Molecular Neuroscience, June 28-July 3, 2021 organized by Seven Hills College of Pharmacy, Tirupati, June 30, 2021.

13. Students achievements

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

HNF Fellowship- 01

GPAT- 02

ICMR-05

Report: National Pharmacovigilance Week (September 17-23, 2021) Celebration by the Department of Pharmacology, SPER Jamia Hamdard

The Indian Pharmacopoeia Commission (The National Coordination Centre for Pharmacovigilance Programme of India (NCC-PvPI)) initiated the annual celebration of the National Pharmacovigilance Week from this year from 17th-23rd September. The theme of the first National Pharmacovigilance Week was “Pharmacovigilance: A step towards Patient Safety”. In line with the mandate of PCI & PVPI the Department of Pharmacology, School of Pharmaceutical Education & Research, Jamia Hamdard celebrated the National Pharmacovigilance Week with full zeal and enthusiasm.

Amid the challenges of the COVID-19 pandemic, a combination of virtual and physical activities was

planned by the department for the celebration of National Pharmacovigilance Week. The inaugural session of the National Pharmacovigilance Week celebration was commenced on 17th September 2021 with an orientation lecture by the Head of the Department Prof. Dr Abul Kalam Najmi on the topic “Pharmacovigilance: Need of The Hour”. The Department collaborated with an NGO Miracles Happen Foundation (registered under company Sec 8) working in public health domain for social outreach. The objectives of the collaboration were:-

- To spread the awareness of adverse affects due to OTC medicine.
- To access the adverse event and adverse drug reactions associated with ongoing drug therapy and vaccine administration.
- To conduct a survey regarding cases of self administration of medicines without consultation.
- Door to door campaign to promote adverse drug reaction reporting to improve patient safety.
- Sensitizing pharmacists working in pharmacy stores about importance of adverse drug reaction reporting.

M. Pharm Pharmacy Practice 3rd Semester postgraduate students actively participated in this campaign and it turned out to be an element of learning the art of pharmacy practice. More than 200 prescriptions were reviewed, patients were counselled at their home and around 50 pharmacists in Pharmacies of nearby areas like Sangam Vihar, Tughlakabad, Alkananda, Kalkaji, Govindpuri, Okhla and Lajpatnagar were sensitized for Pharmacovigilance.

A poster competition for undergraduate and postgraduate students of Pharmacy was also organized by the department. The theme of the poster competition was “Pharmacovigilance: A step towards Patient Safety”. We received overwhelming response of the students. A panel of the three professors of the department evaluated the posters and the best poster was shared with the NCC-PvPI.

And continuing the celebration of the National Pharmacovigilance Week, taking in consideration the job perspective of pharmacovigilance for pharmacy students, we also organized a lecture

by the distinguished and prominent figure of Pharmacovigilance Industry, Dr Moin Don, on the topic “Industry Perspective on Pharmacovigilance”.

And continuing the celebration of the National Pharmacovigilance Week, the Valedictory Session on 23rd September, 2021 was conducted taking into consideration the job perspective of pharmacovigilance for pharmacy students. In the gracious presence of the Vice Chancellor, Jamia Hamdard, Prof. Afshar Alam, Dean School of Pharmaceutical Education & Research (SPER) Prof. Vidhu Aeri and Head Department of Pharmacology Prof. Abul Kalam Najmi, a lecture on the topic “Industry Perspective on Pharmacovigilance” was

delivered by the distinguished and prominent figure of Pharmacovigilance Industry Dr Moin Don. The event was attended digitally by students and academia across India. He not only explained the importance of Pharmacovigilance in the industry but also motivated and guided the students about the carrier opportunities in the field of Pharmacovigilance. The weeklong celebration of the National Pharmacovigilance Week was concluded with the felicitation ceremony. The inducing and inspirational words of Prof. Vidhu Aeri (Dean, SPER) and motivational speech of Prof. Abul Kalam Najmi (Head, Department Of Pharmacology) imparted students a vision to strengthen their knowledge for a bright future.

Photos:





SCHOOL OF NURSING SCIENCES & ALLIED HEALTH

DEAN: Prof. Dr. Manju Chhugani

Name of the Departments in the School

1. Rufaida College of Nursing
2. Department of Paramedical Sciences
3. Department of Physiotherapy
4. Department of Occupational Therapy

Rufaida College of Nursing

Nursing is a profession within the health care sector, focused on the care of individuals, families, and communities. Nurses constitutes the largest workforce in any healthcare setting and during the Covid-19 pandemic, it's importance was accepted by the world and duly endorsed by WHO by declaring the year 2020 as the "Year of The Nurse and Midwife". The nurses practice in a wide range of settings like hospitals, rural & urban community health centres, Schools, NGO's, academic institutes etc , enhancing the scope of practice of this noble profession. The changing patient needs and expectations in 21st century continue to influence the emerging advanced

nursing role in coming decades, which requires the quality nursing care through dynamic education and research.

The erstwhile Rufaida School of Nursing, now Rufaida College of Nursing, was established in 1983 as per the vision of Janab Hakeem Abdul Hameed Saheb, the founder of Jamia Hamdard, who wanted to encourage girls from Muslim minority community and weaker sections of the society to take up this noble profession of Nursing. Rufaida College of Nursing has completed 30 yrs of its existence with commendable achievements in the field of Nursing Education. We initially started with Diploma in General Nursing and Midwifery Programme, and

later in 1994, 2008, 2013 and 2014, B.Sc. (Hons.) Nursing, M.Sc. Nursing, Post Basic B.Sc. Nursing and Ph.D. in Nursing were started, respectively. With the motto “Par Excellence in preparing competent Nurse Professionals”, the College of Nursing has been working towards the achievement of following objectives, ever since its inception:

To provide quality education and training to student nurses at the undergraduate, post-graduate and doctoral levels.

To participate in health care delivery system of India in promotion of health, prevention of illness, care of sick, restoration of health and rehabilitation.

The courses offered are recognized by the Indian Nursing Council (INC) and the State Nursing Council –DNC (Delhi Nursing Council). The students are given rich clinical, ‘hands-on’ training in the parent hospital i.e. HAHC (Hakeem Abdul Hameed Centenary Hospital) and other affiliated hospitals, such as Safdarjung Hospital, VIMHANS, IHBAS, Health centre cum Maternity Home, M.C.D, Badarpur, to name a few. To make students aware of their social responsibilities and obligations, they are involved in various community extension activities for their all round development

The college has State-of-the art infrastructure and excellent learning resources and research facilities. The college has its own building with upgraded simulation lab and well maintained library.

The students and teachers have been continuously involved in various research projects and community service activities, such as conduction of mass health education projects, free health camps, health melas etc. The successful graduates of the programmes get 100% employment in leading hospitals and healthcare institutions.

Department of Occupational Therapy

The Department of Occupational Therapy formerly part of Department of Rehabilitation Sciences has been conducting the Postgraduate Programme and Undergraduate Programme in Occupational Therapy since 2000 and 2001 respectively. The Ph.D. Programme in Rehabilitation Science has commenced since 2017.

Academic program has recognition from Delhi Council of Physiotherapy & Occupational Therapy and All India Occupational Therapists’ Association. Academic programmes are in consonance with the National and International professional bodies. Consequently, the job availability to pass-out students has been very good. Many of our alumni are holding responsible positions in Govt. and private institutes nationally and internationally.

Occupational Therapy is a client-centered health profession concerned with promoting health and wellbeing through occupation to achieve better quality of life. The primary goal of occupational therapy is to enable people to participate in the activities of everyday life. Occupational therapists achieve this outcome by working with people and communities to enhance their ability to engage in the occupations they want to, need to, or are expected to do, or by modifying the occupation or the environment to better support their occupational engagement.

Occupational therapy is a holistic evidence based client centered first contact/or referred professional of modern health care system, based on science of occupation with primary focus on purposeful goal oriented activities ,enhanced with use of latest technology system for evaluation, diagnosis, education & treatment of patients of any age group whose function is impaired by physical, psychological & cognitive impairments, developmental disorders or aging process affecting quality of life with the aim to prevent disability, promote health & wellness & return to optimum occupational roles. Occupational therapists serve in all age groups and every condition / pathology that may cause a risk to limit occupational (human) performance including impairment & disabilities.

Occupational Therapists have well established clinical role globally and the practice area includes Children & youth, Productive aging, Mental Health, Rehabilitation, Disability & participate work & Industry, Health & wellness & Community-based rehabilitation. The role implicit by Occupational Therapists include, but not limited to Clinical, Researcher, Academician, Counsellor, Diplomat, Occupational Therapy related health risk assessor and program advisor (like worksite ergonomic evaluator, driving evaluator etc.) or Rehabilitation Director.

The Occupational Therapist in India in general practice in Government organization / institute hospitals / projects, Non-Government organization & private sector e.g., acute care hospital & nursing homes.

The Department of Occupational Therapy imparts in-depth knowledge for nurturing highly skilled and efficient occupational therapist. Students get exposure in theoretical and practical aspect of the field. The students are posted for clinical exposure and internship in Government and private hospitals, NGOs & special schools in Delhi & NCR.

The Department has well equipped laboratories and clinical setup. Graduate and post graduate students are trained to equip them to take any role e.g. researcher, academician and clinician. Our Alumni are having 100% placement and are serving different hospitals like, LN Hospital, GB Pant Hospital, Kalawati Saran Children's Hospital, ESI hospital, PIDDUIPH, Ganga Ram Hospital. Some of the alumni have turned out to be successful entrepreneurs. Other Alumni are also well settled in other states of India. Alumni are also placed abroad for higher education & job aspects and are serving various countries like USA, UK, Dubai, Ireland, UAE, Singapore, Republic of Congo, Australia, Canada.

Department of Physiotherapy

The Department of Rehabilitation Sciences was established in 1998 with Postgraduate programme in Physiotherapy and Occupational Therapy. The Undergraduate Programme started from year 2001. The Ph.D. Programme has commenced from 2017. The Department of Rehabilitation Sciences was bifurcated into Department of Physiotherapy and Department of Occupational Therapy in 2022. Physiotherapy is a branch of modern science dealing with assessment, evaluation and treatment of disease, disorder and ailments by means of laws of Physical Principles. Physiotherapists are concerned with the remediation of impairment and disabilities, and promotion of mobility and movement potential through provisional diagnosis and physical intervention.

The scope of Physiotherapy covers a wide

spectrum of disorders in orthopaedics, neurology, cardiopulmonary, Sports, Hand Rehabilitation, Community Based Rehabilitation, Obstetrics, Gynecology, geriatrics, pediatrics & women's health. In addition to clinical practice, Physiotherapists have an equally vital role in academic & research activities and in the development of preventive health projects & are a part of sports bodies, industries, old age homes & special schools. The major contribution of Physiotherapist is in strengthening the medical and health services by being the major pillars of health care sciences. The increase in number of patients, variety of diseases and the demand for immense treatment have paved the way for Physiotherapy services providing better quality to human healthcare adding to the longevity of human life. The academic programme has recognition from Delhi Council of Physiotherapy & Occupational Therapy and various National and International professional bodies.

The Department is fully developed with highly qualified, competent professional faculty to provide much needed practical training to the students of undergraduate and postgraduate courses so as to enable relief to the patients with competence and full confidence. The Department is fully equipped with the Postgraduate Research labs for specialities Cardiopulmonary, Musculoskeletal, Neurology and Sports, Electrotherapy lab, and Exercise-Therapy lab. The Department has Physiotherapy OPD located in the university campus in which students are exposed to clinical experience in the OPD which is equipped with state of art equipment required to assess and treat patients with different clinical conditions thereby, making the students well aware about the recent trends in clinical practice and helping the teachers impart knowledge in an empirical manner. The Department of Physiotherapy has signed MoUs with reputed hospitals like Madan Mohan Malviya Hospital, Aggarwal Hospital, Hindu Rao Hospital and provides clinical training and Internship to students in various hospitals such as Max Saket, Apollo Hospital, Vimhans, Sitaram Bharti Institute of Medical Sciences and Research, Dr. Ram Manohar Lohia Hospital,

Lok Nayak Hospital etc. The Department of Physiotherapy firmly believes in the values that are most relevant to the health community and professional integrity.

The department is committed to shape the student into a competent professional who are poised to take up professional opportunities in academic career of teaching and research in India and abroad, reputed Hospitals, Clinics, Fitness Centres, Community Health Centres, Rehabilitation Centres and Sports Team, Sports Player or can continue with own private practice. Various Health centres and Healthcare agencies visit Department for Undergraduate and Postgraduate placements every year. Many of our alumni are successfully placed in different Hospitals/Institutes such as AIIMS, LNJP, G.B. Pant, Apollo, Vimhans etc. within the country and abroad including Afghanistan, Canada, Denmark, Australia, Republic of Congo, Nepal, United Arab Emirates etc.

Department of Paramedical Science

Department of Paramedical Sciences was established in 2012 to train & provide skilled paramedical healthcare professionals. It was initially run by the medical college but in the year 2020, it was shifted to the University under the School of Nursing Sciences and Allied Health. It is fully governed by the University as per UGC norms and prepares students for real-life medical scenarios. Students are trained in emergency trauma care, medical lab technologies, medical imaging techniques, operation theatre procedures, optometry, cardiology, medical records, and dialysis. We offer diplomas, degrees, and postgraduate degrees.

Over more than a decade, many batches have graduated from the Department and today the department of paramedical sciences attracts students from all over the country and abroad. Each learner is transformed into a qualified healthcare worker through paramedical courses. MoUs with 13 state of art Hospitals to provide clinical acumen to all students. The successful graduate is 100% employed immediately after getting passed from University in leading hospitals and healthcare institutions. There is a global demand for paramedic graduates to work in health care facilities.

RUFAlDA COLLEGE OF NURSING

1. **School** : School of Nursing Sciences & Allied Health
2. **Department /Centre** : Rufaida College of Nursing
3. **Head of the Department** : Prof. Veena Sharma
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Prof. (Dr.) Manju Chhugani	Dean	M.Sc. Nursing (Obstetrics & Gynaecological Nursing) Ph.D. (Management)	Chairperson of Centre for Career Counselling & Guidance. Chairperson of Criteria I & Extended profile of NAAC. Member of Teaching Staff Committee. Superintendent of Examination. Nodal head, National skill centre, DAKSH Editor in chief, IJoNMR Coordinator, DODL programme Member, research cell Member, NAAC committee
2	Prof. Veena Sharma	Principal	M.Sc Nursing (Psychiatric Nursing) M.Phil (Education)	President, Mental Health club Member of campus development committee Member of Teaching staff committee Member of Anti-ragging committee and Anti-ragging squad Faculty research advisory committee member Curriculum committee member MOU committee member Chairperson -Nursing Assistant program
3	Ms. Seema Rani	Associate Professor	M.Sc. Nursing (Community Health Nursing) M. Phil (Health Care & Hospital Administration)	Cultural coordinator, Jamia Hamdard President Yoga club Member, Mountaineering club Co-ordinator- Nursing Assistant program
4	Ms. Bindu Shaiju	Associate Professor	M.Sc Nursing (Psychiatric Nursing)	Member of -NAAC committee, Member NIRF committee, Member Anti ragging committee, Member BOS, Member AISHE committee, Admission Committee Co-ordinator- Nursing Assistant program

5	Ms. Hemlatha Nair	Tutor	B.Sc (Hons.) Nursing PG Diploma In Nursing Administration PG Diploma In Guidance & Counselling	
6	Mr. Eke Lama Tamang	Assistant Professor	M.Sc Nursing (Medical Surgical Nursing)	
7	Ms. Mikki Khan	Assistant Professor	M.Sc Nursing (Obstetrics & Gynaecological Nursing)	BOS Member
8	Ms. Jamal Fatima	Assistant Professor	M.Sc Nursing (Psychiatric Nursing)	Member, International collaboration committee
9	Ms. Somibala Thokchom	Assistant Professor	M.Sc Nursing (Obstetrics & Gynaecological Nursing)	Member, admission committee BOS Member
10	Ms. Fareha Khan	Assistant Professor	M.Sc Nursing (Medical Surgical Nursing)	Admission committee member
11	Ms. Jahanara Rahman	Assistant Professor	M.Sc Nursing (Pediatric Nursing)	Transport in charge Admission committee- member Member Music club- member, Annual report committee- member
12	Ms. Neha John	Assistant Professor	M.Sc Nursing (Community Health Nursing)	Co-Coordinator-Nursing Assistant program
13	Ms. Anjali Kaushik	Tutor	M.Sc Nursing (Pediatric Nursing)	Member, Anti Ragging committee
14	Ms. Sartaj Parveen	Tutor	M.Sc Nursing (Community Health Nursing)	Member of Nursing assistant program Member of admission committee Coordinator of OET examinations Tabulator for Kannur campus
15	Ms. Shilpi Sarkar	Tutor	M.Sc. Nursing (Pediatric Nursing) Ph. D Nursing	

16	Ms. Asha T. Aniyam	Tutor	M.Sc. Nursing (Medical Surgical Nursing)	ON EXTRAORDINARY LEAVE
17	Ms. Anju	Tutor	M.Sc. Nursing (Community Health Nursing)	
18	Ms. Rajlaxmi	Tutor	M.Sc Nursing (Medical Surgical Nursing)	
19	Ms. Saba Hashmi	Tutor	M.Sc Nursing (Pediatric Nursing)	SNA Advisor
20	Ms. Nahid Zebi	Tutor	B. Sc (Hons.) Nursing	Alumni association member Eco club in charge Environmental Quality cell member IQAC member
21	Ms. Maihnaz Bi	Tutor	B. Sc (Hons.) Nursing	NCC Officer for NCC girls wing
22	Ms. K Rebika Devi	Tutor	B. Sc (Hons.) Nursing	Member of admission committee
23	Ms. Shaheen Khan	Tutor	B. Sc (Hons.) Nursing	SNA advisor
24	Ms. Deepali Gupta	Tutor	B. Sc (Hons.) Nursing	Tabulator
25	Ms. Sweta Mary Jacob	Tutor	B. Sc (Hons.) Nursing	
26	Ms Babita Bisht	Tutor	B. Sc (Hons.) Nursing	Coordinator of ward boys training program Training Facilitator -Nursing Assistant program
27	Ms. Gifty Bijoy	Tutor	M.Sc Nursing (Obstetrics & Gynaecological Nursing)	Co-ordinator-Bureau of business & employment- 4 week Training programme of ward boys (2 nd June - 13th September 2021) Editorial board member- college newsletter
28	Ms. Suchhanda Bhattacharya	Tutor	M.Sc. Nursing (Community Health Nursing)	Yoga club member Asst. Proctor, Jamia Hamdard
29	Ms. Uzma Anjum	Tutor	M.Sc. Nursing (Medical Surgical Nursing)	
30	Ms. Vandana Dagar	Tutor	M.Sc. Nursing (Community Health Nursing)	Tabulator for Kannur campus

31	Ms. Saliqa Sehar	Tutor	M.Sc. Nursing (Medical Surgical Nursing)	
32	Ms. Rashmi	Tutor	M.Sc. Nursing (Psychiatric & Mental Health Nursing)	
33	Ms. Preysi	Tutor	M.Sc. Nursing (Child Health Nursing)	Co-opted member of NAAC
34	Ms. Renu	Tutor	M.Sc. Nursing (Obstetrics & Gynaecological Nursing)	Co- coordinator for Ward boys/ attendants training programme Training Facilitator Nursing Assistant program
35	Mr. Naseem M.	Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Resigned 2021
36	Ms. Sheeba Annie Chacko	Tutor	M.Sc. Nursing (Medical Surgical Nursing)	Resigned September 2022

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	Ph.D. Nursing	Doctoral	-	-
2	M.Sc. Nursing	PG	25	13
3	B.Sc. (Hons)Nursing	UG	60	64 (6 PMSS)
4	Post basic B.Sc. Nursing	UG	30	18
5	Diploma in General Nursing & Midwifery	Diploma	70	70

6. New study programme(s) launched during 2021 – 2022 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	Nursing Assistant program	6 Months certificate training programme in collaboration with Bal Arogya and ONGC	40	34

7. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Vikas Choudhary (viva conducted)	Prof. (Dr.) Manju Chhugani

8. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Role of public health in India and career opportunity	14 th June,2021	Rufaida College of Nursing	45
2	Basic NRP course of the IAP-NNF neonatal resuscitation program first minute project	8 th September 2021	Rufaida College of Nursing	16
3	International conference- "Reforming Healthcare Systems- Transitional of Clinical Research into clinical practice	22 nd – 23 rd October 2021	Society for Nursing Practices & co-organized by ITM University, Gwalior and Academic partner- Rufaida College of Nursing	250
4	National online Training Program for capacity building of nurses to fight against 3 rd wave of covid-19	3 rd November, 2021	Rufaida College of Nursing	339
5	International webinar on the theme current evidence-based practice in cholesterol management among diabetic patients	10 th February 2022	Rufaida College of Nursing	234
6	Webinar on covid 19 issues and challenges- beginning till date	17 th -18 th February 2022	Rufaida College of Nursing	184
7	Webinar- Current perspectives in mental health nursing practice	21 st February 2022	Rufaida College of Nursing	150
8	International seminar on global perspective on Diabetes Mellitus: Focus on a century of insulin discovery	22 nd February,2022	Rufaida College of Nursing	190
9	Online point of care quality improvement workshop	3 rd and 4 th March2022	Nationwidequality carenetwork and Rufaida College of Nursing	30
10	National webinar on arc Partography	7 th March 2022	Rufaida College of Nursing	170
11	Online training program for Simulation based Teaching in Neonatal Nursing	9 th March 2022	Rufaida College of Nursing	261
12	Basic Neonatal Resuscitation Programme	25 th March, 2022	Rufaida College of Nursing	32

9. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof (Dr) Manju Chhugani	01	Nil	Nil	Nil	Nil
2	Prof Veena Sharma	Nil	Nil	01	Nil	Nil
3	Ms. Seema Rani	02	Nil	Nil	Nil	Nil
4	Ms. Jamal Fatima	01	Nil	Nil	Nil	Nil
5	Ms. Fareha Khan	01	Nil	Nil	Nil	Nil
6	Ms. Neha John	02	Nil	Nil	Nil	Nil
7	Ms. Anju Hooda	01	Nil	Nil	Nil	Nil
8	Ms. Suchhanda Bhattacharya	01	Nil	Nil	Nil	Nil
9	Ms. Renu	01	Nil	Nil	Nil	Nil
10	Ms. Preysi Chauhan	02	Nil	Nil	Nil	Nil

10. Students achievements

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

Sl. No.	Name of the Event/Activities	No. of participants	Venue/Place
1	Intercollegiate debate Competition	2	SGT University, Gurugram, 7 th March 2022
2	Eco Club activities		
I	International Ozone day	59	Rufaida College of Nursing, 16 th September 2021
II	World food day	59	Rufaida College of Nursing, 18 th October 2021
III	Bird Watching	25	Jamia Hamdard, 2 nd December 2021
IV	World wetland day English, Hindi and Urdu poetry competition	27	Rufaida College of Nursing, 07 th February 2022
V	Visit to Hydroponic Farms	6	Noida, 21 st February 2022
VI	Khelo Holi Naturally	36	Rufaida College of Nursing, 17 th March 2022
3	Community outreach programmers		
I	Awareness program on healthy lifestyle	30	UHTC, Pulprahladpur, 8 th April 2021
II	Online Awareness program on Cervix cancer	33	Jamia Hamdard, 25 th May 2021
III	Celebration of breast-feeding week	60	Safdarjung Hospital, 5 th August 2021
IV	Free Vaccination Drive	90	Majeedia Unani Hospital 8 th October 2021
V	Health education project on healthy living	50	Rufaida College of Nursing, 22 nd October 2021

VI	Health awareness on preventive measure on depression	5	Safdarjung Hospital 29 th October 2021
VII	School health camp	49	Wings academy school, Tughlakabad, 12 th November 2021
VIII	Covid vaccination camp	7	Old Delhi, 17 th November, 2021
IX	Covid vaccination camp	10	Vasant Vihar 19 th November, 2021
X	Covid vaccination camp	6	Vasant Vihar, 11 th December, 2021
XI	Outreach program on antenatal care	112	Safdarjung hospital 15 th December, 2021
XII	Health camp on healthy lifestyle	30	PFWS, Malviya Nagar, 21 st December, 2021
XIII	Awareness program on- Nutrition we Need	72	Maternity centre , Badarpur , 21 st December 2021
XIV	Awareness program on healthy lifestyle	72	UPHC, Tughlakabad Village 22 nd December 2021
XV	Awareness program on safe and healthy food	72	UPHC, Tughlakabad Village 23 rd December 2021
XVI	Can support walk	37	Jamia Hamdard, 2 nd February , 2022
XVII	Health education project on newborn care	30	Jamia Hamdard, 7 th February, 2022
XVIII	National vaccination day	30	Rufaida College of Nursing 16 th March, 2022

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed
1	Max hospital, HAHC Hospital, Action Balaji Hospital, Community Health officer in CHC/PHC of Bihar and UP	100 Percent

DEPARTMENT OF PARAMEDICAL SCIENCES

1. **School** : **School of Nursing Sciences & Allied Health**
2. **Department /Centre** : **Department of Paramedical Sciences**
3. **Head of the Department** : **Prof. Dr. Manju Chhugani**
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Prof. Dr. Manju Chhugani	M.sc. Nursing (obstetrics & Gynecological Nursing) PHD (Management)	Dean	Chairperson, career counselling & Guardian center. Nodal Head, National Skill center, Daksh Editor in chief, IJoNMR, Coordinator DODL Program Member, Research cell Member NAAC committee Chairperson of Criteria I & Extended profile of NAAC Member of Teaching Staff Committee Superintendent of Examination
2	Ms. Praveen Rizvi	Msc. MLT	Assistant Professor	Chairperson- SPOSH Chairperson-Student Mentor-ship Committee Secretary-Teaching Staff Committee Member-Research Committee Member-Curriculum Committee Member-Eco Club Member-Placement Record Committee Member- Alumni Committee Member- Examination Cell of Paramedical Department Member-Green Movement
3	Ms. Vibha Kumari	Msc Optometry	Assistant Professor	Functional HOD, Department of Paramedical sciences NAAC 1 st criteria Member Co-Ordinator of Clinical Experience of Paramedical Students Co-Ordinator for the Guest Faculty Co-Ordinator for the Departmental Admissions Chairperson-Anti-Ragging Committee Convenor-Curriculum Committee Member-SPOSH Committee Member-Eco-Club Committee Member-Placement Record Committee Member-Alumni Committee Member-Departmental Research Advisory Committee Member-Green Movement

4	Ms. Ruqaiya Ramzan	Msc. MIT	Assistant Professor	Anti Ragging Committee (Member) Curriculum Committee Eco Club Committee Alumni Committee
5	Ms. Nitika Kumari	Msc. Optometry	Clinical Instructor	Admission Cancellation Officer Member 5 th NAAC Criteria. Member of anti-ragging committee. Member of curriculum committee. Member of sensitization and prevention of sexual harassment committee Member of placement record committee
6	Ms. Nargis Khatun	Msc. Dialysis	Clinical Instructor	Member of anti-ragging committee. Member of curriculum committee. Member of sensitization and prevention of sexual harassment committee School Admission committee Member in NIRF committee
7	Ms. Nandini	UG	Clinical Instructor	Anti-Ragging Committee (Member) Curriculum Committee (SPOSH) Committee (convener) Student Mentorship Committee
8	Ms. Jyoti	UG	Clinical Instructor	School Admission Committee (Member) Anti Ragging Committee (Member Student Mentorship Committee) Curriculum Committee Eco Club Committee
9	Mr. Jaid Khan	UG	Clinical Instructor	School Admission Committee (Member) Curriculum Committee Anti Ragging Committee (Member)
10	Mr. Mohammad Areeb	UG	Clinical Instructor	School Admission Committee (convener) Anti Ragging Committee (Member) Curriculum Committee (SPOSH) Committee Eco Club Committee Student Mentorship Committee Placement Record Committee Alumni Committee
11	Ms Sumaiyah	Msc. ETCT	Assistant Professor	NIL
12	Mr. Momin Khan	MSc. Optometry	Clinical Instructor	NIL
13.	Ms Insha Firoz	Msc. Dialysis	Clinical Instructor	NIL
14.	Mr. Faraz Ahmad Mufti	UG	Clinical Instructor	NIL
15.	Ms. Heena Parveen (BMIT)	UG	Clinical Instructor	NIL

16.	Ms Heena Parveen (BMR)	UG	Clinical Instructor	NIL
-----	------------------------	----	---------------------	-----

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B.Sc. (Medical Laboratory Techniques) – BMLT	UG	60	2012
2	B.Sc. (Emergency & Trauma Care Technology) – ETCT	UG	25	2012
3	Bachelor of Optometry – BOPT	UG	35	2012
4	B.Sc. (Medical Imaging Technology) – BMIT	UG	35	2012
5	B.Sc. (Anaesthesia & Operation Theatre Techniques) – BAOTT	UG	35	2012
6	B.Sc. (Medical Record & Health Information Management) - BMR&HIM	UG	25	2012
7	B.Sc. (Dialysis Techniques) – BDT	UG	35	2012
8	B.Sc. (Cardiology Laboratory Techniques) – BCLT	UG	35	2012
9	Diploma (X ray & ECG Techniques) – DXE	UG	15	2012
10	Diploma (Operation Theatre Techniques) – DOTT	UG	15	2012
11	Diploma (Dialysis Techniques)- DDT	UG	15	2012
12	Diploma (Medical Record & Health Information Management) - DMR&HIM	UG	15	2012
13	M.Sc. (Medical Lab Sciences)	PG	15	2018
14	M.Sc. (Medical Radiology and Imaging Technology)	PG	20	2018
15	Master of Optometry	PG	15	2018

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Contact Lens	25th April 2021	Baush & Lomb	30
2.	Elisa Techniques and Its Implementation in modern diagnosis	8th Feb 2022	Tech Mahindra	20
3.	RO dialysis	24th September 2021	AL-Shifa	20
4.	World heart day	29th September 2021	NIL	65

7. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	MR. Pushpendra Rana	Baush & Lomb	Contact lens: Care and Maintenance	25 th April, 2021

8. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

S. No	Co-Authors	Title	Volume	Publishers	City	Pages
1	Parveen Naaz	Pathology -Textbook for Allied Health Students	I	Magnus Pie Healthcare	Delhi	124
2	Parveen Naaz	Microbiology -Textbook for Allied Health Students	I	Magnus Pie Healthcare	Delhi	135
3	Parveen Naaz	Biochemistry -Textbook for Allied Health Students	I	Magnus Pie Healthcare	Delhi	135

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. Dr. Manju Chhugani	1				
2.	Vibha kumari	06		02		02 (Indian Optician journals)
3.	Nitika Kumari	04				

9. Students achievements

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

Sl. No.	Name of the Event/Activities	No. of participants	Venue/Place
	Fam Bam Soccer League	1	Rampur
	Philips Gyro Cup- Best Presentation Award	2	New Delhi

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1	Kalindi hospital	25	
2	SRL Diagnostic	30	
3	Lenskart	15	
4	Apollo homecare	18	
5	Dr. Reddy's foundation	29	
6	Metro Hospital	30	
7	FH Medical college	5	
8	Healthians	35	

10. Any other information

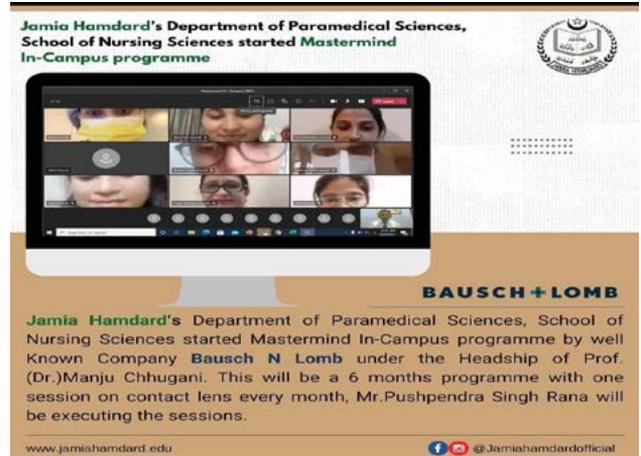


Figure 1. Contact Lens workshop



Figure 2 Elisa Workshop participants with Dean Prof. DR. Manju Chhugani



Figure 3 Elisa Workshosp



RO Dialysis Seminar



World heart day Seminar

DEPARTMENT OF PHYSIOTHERAPY

1. **School** : School of Nursing Sciences & Allied Health
2. **Department /Centre** : Department of Physiotherapy
3. **Head of the Department** : Dr. Nishat Quddus
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Dr. Nishat Quddus	MPT(Osteomyology), PhD (Pursuing)	Associate Professor & Head, Department of Physiotherapy	Head, Deptt Of Physiotherapy Deputy proctor, Jamia Hamdard Music Club , President NAAC Criteria V member Deputy Superintendent, Examination Member of the Admission Committee of the Department 2021-22. Member of the Executive Logistics Committee for 2 days Education Conference 2022-Education and Nation/ Achievements Chief editor, IJPTOT(International Journal)/ Awards: Mentioned in awards list below	
2.	Dr. Sohrab Ahmed Khan	MPT(Osteomyology),, PhD (Pursuing)	Associate Professor	Superintendent, Rehabilitation Centre	
3.	Dr. Kalpana Zutshi	MPT (Sports), PhD (Pursuing)	Associate Professor	MPT Coordinator	
4.	Dr. Jyoti Ganai	MPT(Cardiopulmonary)	Assistant Professor	BPT Coordinator	

4.	Dr. Jyoti Ganai	MPT(Cardiopulmonary)	Assistant Professor	BPT Coordinator	
5.	Dr. Deepak Malhotra	MPT(Sports Med), PhD (Pursuing)	Assistant Professor	Deputy Superintendent (Physiotherapy) Rehabilitation Centre, Member Yoga club, Jamia Hamdard Member Music Club, Jamia Hamdard Incharge Physiotherapy Clinical Services (May 2019 to Jan 2022)	Faculty Research Fellowship (IIT Delhi) - Certified Instructor of Performance Health Academy (USA) - Certified Pilates Instructor from Australia - Certified in Advanced Dry Needling from Australia
6.	Dr. Ashima Chachra	MPT(Sports)	Assistant Professor	IQAC Member	
7.	Dr. Zuheb Ahmed Siddiqui	MPT(Orthopedics), PhD (Pursuing)	Assistant Professor	Central Admission Committee Member	
8.	Dr. Hammad Ahmed Siddiqui	MPT(Neurology)	Assistant Professor	1.NAAC Criteria 1 member 2.Member Athletic Club, Jamia Hamdard	
9.	Dr. Prachi Tiwari	MPT(Neurology), PhD (Pursuing)	Assistant Professor	Central Admission Committee Member	
10.	Dr.Nahid Khan	MPT(Cardiopulmonary), PhD (Pursuing)	Assistant Professor	NCC Officer (Women Wing)	
11.	Dr. Deepika Singla	MPT (Sports), PhD	Assistant Professor	Ph.D. Coordinator Member of Centre for Career Counselling at University level	
12.	Dr. Sahar Zaidi	MPT(Orthopedics)	Assistant Professor	Member of the external audit team at Sharda University: 25 th January 2022	

				<ul style="list-style-type: none"> • Member of the Women’s Development Cell • Member of the Literary Club • Member of the Working Committee at the Rehabilitation Center • Member of the Admission Committee of the Department. • Member of the Organizing Committee of International Women’s Day 2022. • Member of the flying squad for university examination on 23rd March 2022, and 20th June 2022 • Member of the Health-Related Outreach Program Committee • Member of the Executive Logistics Committee for 2 days Education Conference 2022-Education and Nation Building-The Way Forward organized jointly by Jamia Hamdard and Alliance for Economic and Educational Development of the Underprivileged on 2nd and 3rd July 2022 at Hamdard Convention Centre. • Member of the Organizing Committee of Seerat Un Nabi. • Member of the Organizing Committee of National Education Day 2022 	
13.	Dr. Huma Khan	MPT, PhD (Pursuing)		<p>Member of Women Development Cell</p> <p>Member of Condemnation Committee</p>	

5. Detail of Adjunct/Visiting Professor: (1st April, 2021 to 31st March, 2022)

Sl. No.	Name	Subject/Course	Specialization
1	Dr. Pooja Dewan	BPT /BOT 2 nd Yr	Gynaecology and Obstetrics

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BPT	UG	50	50
2.	MPT	PG	21	21

7. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship	Fellowship awarding agency
1.	Abdul Latiful Khabir	Not yet decided	Dr. Iqbal Alam	JH	With fellowship	UGC
2.	Ruchi Basista	Not yet decided	Dr. Deepika Singla	JH	With fellowship	UGC

8. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	Inauguration of the Sports and Exercise Science Research Laboratory	29/10/2021	Department of Rehabilitation Sciences	150
2.	Faculty development Programme on Research Methodology in Healthcare	28/03/2022 to 01/04/2022	Jamia Hamdard in Collaboration with UGC Human Resource Development Centre, Jamia Millia Islamia	26
3	Induction Programme (Online)	23/12/2021	Department of Rehabilitation Sciences	100

9. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Prof. Meir Lotan	Senior Lecturer, School of Health Sciences Department of Physical Therapy, Ariel University, Israel.	Rehabilitation possibilities in Rett syndrome (Online Lecture)	22.11.2021

2.	Prof. Vimal Rarh, Prof. A.K. Bakhshi	Coordinator of National Resource Centre of Chemistry of the MHRD, Govt. of India Vice Chancellor of PDM University Bahadurgarh, Haryana	Webinar on MOOCS	07.12.2021
----	---	--	------------------	------------

10. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration	
		Start date	End date
Dr. Deepak Malhotra	Establishment of Sports and Exercise Science Research Lab Funding by Performance Health (USA), UGC & Jamia Hamdard – Approx. 10 Lacs	07/05/2019	29/10/2021

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/ Other staff appointed in the scheme)
			Start date	End date	Current status	
1.	Dr. Deepika Singla Prof. (Dr. Manju Chhugani)	ICMR (Rs. 72 lacs)				Amount still awaited, Project technically approved

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2021-2022	Dr. Deepika Singla	UGC Start-up Grant (Rs. 10 lacs)	Sept. 2021		Ongoing	NA

11. Consultancy projects taken up by the faculty members during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of teacher	Consultancy project	Funds generated (in Rs.)
1.	Dr. Sohrab Ahmed Khan	Strategic Alliance Management Service Private Limited	Rs. 18,000/ Approx

12. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail = 40 Publication in total (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Dr.Nishat Quddus	04				
2.	Dr. Sohrab Ahmed Khan	07				
3.	Dr Kalpana Zutshi	09				
4.	Dr Jyoti Ganai	03				
5.	Dr. Deepak Malhotra	04				
6.	Dr. Hammad Ahmed Siddiqui	01				
7.	Dr. Nahid Khan	02				
8.	Dr. Deepika Singla	04				
9.	Dr. Sahar Zaidi	04				
10.	Dr. Huma Khan	02				

13. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

A. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

S.No	Name of Teacher	Member	Organisation
1	Nishat Quddus	Board of Studies	University of Technology & Management ,Meghalaya
2.	Sohrab Ahmed Khan	Board of Studies	Paramedical college, AMU Aligarh
		Board of Studies	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, Uttar Pradesh.
		Board of Studies	Integral University Lucknow, Uttar Pradesh
		Board of Studies	Sharda University, Greater Noida, Uttar Pradesh

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

S.No	Name of Teacher	Award
1	Dr Nishat Quddus	1.Received Significant contribution in the field of Physiotherapy from Indian Association of Physiotherapists (IAP) on the occasion of International Women's day on 10 th March 2022 at National Sports Club of India , New Delhi 2.Chief editor, IJPTOT(Journal)1 st April 2020-31 st March 2022 3. District Coordinator, Indian Physiotherapist Association Womens cell

2.	Dr Sohrab Ahmed Khan	Best Academician Award by Global Association of Physiotherapy on 19 th December 2021. Best Teacher Award 2022 (Higher education Institutional Level) by Institute of Scholars
3.	Dr. Kalpana Zutshi	Consolation Prize in Poster Competition on Mental Health, Stress and Coping Strategies among working women on 10th November 2022, Women Development Cell, Jamia Hamdard Awarded First Position for Best Poster Presentation, Organized by: College of Physiotherapy, Adesh Institute of Medical Sciences, Sri Muktsar Sahib- Punjab, India 28th to 30th May, 2021, Online International conference Theme: Health & care: the global need to survive
4.	Dr. Deepak Malhotra	Significant Contribution Award – 4th International Conference, Janardan Rai Nagar Rajasthan Vidyapeeth 2022
5.	Dr. Huma Khan	Received an award for International women’s day held on 8th March 2022 which was organised by “Falah Handicrafts Society”

Students achievements

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

Sl. No.	Name of the Event/Activities	No. of participants	Venue/Place
1	Free Health Camp on 08.03.2022	50	Majeedia Hospital, New D
2	Free Health Camp on 20.03.2022	45	Tara Apartment Alaknanda, New Delhi
3	Free Health Camp on 27.03.2022	40	Greater Kailash -2, New Delhi

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1.	Innodata	08	

DEPARTMENT OF OCCUPATIONAL THERAPY

1. **School** : **School of Nursing Sciences & Allied Health**
2. **Department /Centre** : **Department of Occupational Therapy**
3. **Head of the Department** : **Dr. Ruchi Nagar Buckshee**
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr. Ruchi Nagar Buckshee	PG	Associate Professor	1.Chairperson BOS (OT Department ,SNSAH) 2. Chairperson BOS (Department of Rehab Sciences,SNSAH) 3.Member of BOS (Paramedical Department,SNSAH) 4.Member of House Allotment Committee 5.Member of Academic Audit Committee 6.Member of Central Admission Committee, JH 7.Member of Academic Council,JH 8.Member of School Board,SNSAH
2	Dr. Rashida Begum	PG	Associate Professor	1.Deputy Superintendent Rehabilitation Center 2.Vice President, Mental Health Club 3.Member BOS (OT dept.) 4. MOT academic Coordinator
3	Dr. Shubha Arora	PG	Assistant Professor	1.BOT admission coordinator 2.Member of NAAC criteria 7 3. Member BOS (OT dept.) 4. BOT academic Coordinator
4	Dr.Noor Mohammad	PG	Assistant Professor	1.Member of Athletics Club 2.Nodal Officer for smart ID cards from SNSAH 3.Training and Placement Incharge for SNSAH 4.Member of BOT admission committee 5.Member of Rehab Committee (OT wing) 6. Member BOS (OT dept.)
5	Dr. Nazia Ali	PG	Assistant Professor	1.Member of Mental Health Club 2.Member of MOT admission committee
6.	Dr.Swati Srivastava	PG	Assistant Professor	1.Member of Mental Health Club 2. Member of BOT admission committee 3. Member of NAAC criteria 1 4. Member of Rehab Committee (OT wing)
7.	Dr. Saba Aziz	PG	Assistant Professor	1.Member of Yoga Club

8.	Dr. Sheeba Parveen	PG	Assistant Professor	-
9.	Dr. Madeeha Jamal	PG	Assistant Professor	-
10.	Dr. Deepshikha Gupta	PG	Assistant Professor	-

5. Detail of Adjunct/Visiting Professor

Sl. No.	Name	Subject/Course	Specialization
1.	Ms. Sheema Wazib	Physiology	MSc in Physiology
2.	Mr. Akshay Kumar	Biochemistry	Phd scholar Dept. of Biochemistry, JH
3.	Ms. Babita Singh	Sociology	MBA, Assistant Professor (SODL), Jamia Hamdard
4.	Ms. Kajal Jain	Environmental Sciences	Phd scholar Dept. of Botany, JH
5.	Ms. Princi	Environmental Sciences	Phd scholar Dept. of Botany, JH
6.	Dr. Waseem Ismail (Interschool Faculty)	Biostatistics	PhD statistics, Assistant Professor, SPER, JH
7.	Dr Iffat Naseem (Interschool Faculty)	Professional Development	PhD in Health Management
8.	Dr Sakhi John (Interschool Faculty)	Professional Development	PhD in Health Management
9.	Dr. Jwaad Khan (Interschool Faculty)	Professional Development	PhD in Management
10.	Ms. Sakshi Sodhi	Microbiology	PhD Scholar

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	Bachelor of Occupational Therapy	UG	50	40
2.	Master of Occupational Therapy (Pediatrics and Musculoskeletal)	PG	6+6=12	6+2= 8

7. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1.	Sonia Sharma (PhD in Rehabilitation Sciences)	Effect of physical training and rehabilitation on motor functions of Indian Children with spinal muscular atrophy	Dr. Deepika Singla	JH	With fellowship	UGC NET-JRF

8. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	OT Sensitization Drive and OT services at your Desk for the employees of Jamia Hamdard	27/10/2022- 2/11/2021	Jamia Hamdard	More than 100 in various schools of Jamia Hamdard
2.	Free Occupational Therapy Teleconsultation services	27th and 28th October 2021	Jamia Hamdard	150
3.	Free Health Camp for Geriatric Population at W-Block Park, Greater Kailash	27 th March, 2022	RWA, W Block, Greater Kailash	50
4.	The Department of Occupational Therapy in collaboration with SUMER had organised Free Women Health Camp, on the Occasion of Women's Day, at Majeedia Hospital, Jamia Hamdard	8 th March,2022	Jamia Hamdard	70
5.	Campus placement for Occupational Therapy Interns and Post Graduate students by Subha-The New Start, Pitampura, Delhi.	22nd March, 2022	Jamia Hamdard	25
6.	Department of Occupational Therapy conducted a Campus placement for Occupational Therapy Pass out students by Sensitivity Early Intervention Centre and Child's Skills Enhancement Clinic	22nd September, 2021	Jamia Hamdard	20
7.	Campus placement for occupational therapy pass out students: Mainstream Autism & Special Care Foundations.	2 nd Septemer,2021	Jamia Hamdard	25
8.	Campus placement for occupational therapy final year students by Koshish NGO	24 th March,2022	Jamia Hamdard	25

9. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Prof. A. K. Bakshi	Chairman, GAD TLC & Vice Chancellor, PDM University, Haryana	Digital Transformation in Higher Education In India.	7 th December 2021
2.	Dr. (Mrs.) Vimal Rarh	Project Head and Joint Director, GAD TLC of MoE	Digital Transformation in Higher Education In India.	7 th December 2021
3	Prof Meir Lotan	School of Health Sciences, Dept of Physical Therapy, Ariel University, Israel.	Online International Lecture on Rehabilitation Possibilities in Rett Syndrome.	22 nd November, 2021

10. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Ms. Ruchi Nagar Buckshee	04	-	-	-	-
2.	Ms. Rashida Begum	01	-	-	-	-
3.	Ms. Shubha Arora	00	-	-	-	-
4.	Mr.Noor Mohammad	00	-	-	-	-
5.	Ms. Nazia Ali	04	-	-	-	-
6.	Ms. Swati Srivastava	01	-	-	-	-
7.	Ms. Saba Aziz	02	-	-	-	-
8.	Ms. Sheeba Parveen	02	-	-	-	-
9.	Ms. Madeeha Jamal	01	-	-	-	-
10.	Ms. Deepshikha Gupta	02	-	-	-	-

11. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details):

A. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Ms. Ruchi Nagar Buckshee	<ol style="list-style-type: none"> Expert to constitute the syllabus of MOT and BOT programs, Atal Behari Vajpayee Medical University, Lucknow Screening and Selection committee for appointment of Assistant Professor, Centre for Physiotherapy and Rehabilitation Sciences, Jamia Millia Islamia Screening and Selection committee for appointment of Physiotherapist, Centre for Physiotherapy and Rehabilitation Sciences, Jamia Millia Islamia Member Area Advisory Board, Amity university Coordinator International Chapter of AIOTA, International Chapter of AIOTA Member Courses Committee (BOS), University of Delhi, For OT and PT courses Reviewer for Achieves of Rehabilitation Research and Clinical Translation, In 2021
--------------------------	---

B. Invited as keynote or plenary speaker.

S.No	Name of Faculty	Details
1.	Ms. Nazia Ali	1.Resource Person for Disability Support Worker Training Programme by Shaurya Foundation Trust on 06th August, 2021.

12. Students achievements

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

Sl. No.	Name of the Event/Activities	No. of participants	Venue/Place
1.	World Mental Health Day, National Level Case Presentation	01	Bhubaneswar Institute of Intervention Psychiatry, and Behavioral Sciences and Research, Odisha
2.	Slogan Writing Competition on the eve of World mental health day	02	Dept. of Mental health education , Bengluru
3.	OT Reels and Video Competition	02	The World OT Day, AIOTA

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1.	Subha-The New Start, Pitampura, Delhi.	25	22 nd March, 2022
2.	Sensitivity Early Intervention Centre and Child's Skills Enhancement Clinic	20	22 nd September, 2021
3.	Mainstream Autism & Special Care Foundations	25	2 nd Septemer,2021
4.	Koshish NGO	25	24 th March,2022

GLIMPSES

EVENT 1:

Department of Occupational Therapy had organised Free Health Camp for Geriatric Population at W- Block Park, Greater Kailash on 27th March, 2022. The aim of the camp was “prevention and screening of musculoskeletal disorders among geriatric population. More than 50 participants were provided Free Occupational Therapy intervention”.



EVENT 2:

The Department of Occupational Therapy in collaboration with SUMER had organised Free Women Health Camp, on the Occasion of Women’s Day, 8th March, 2022 at Majeedia Hospital, Jamia Hamdard. The aim of the camp was to sensitize the women about the role of Occupational Therapy in various women related health issues. Free Occupational Therapy assessment was done in the camp and around 70 women having different health related problems were provided Occupational Therapy treatment.



EVENT 3:

On the eve of World Occupational Therapy Day, free Occupational Therapy Teleconsultation was given to the patients on 27th and 28th October 2021. Occupational therapy management, preventive measures for lifestyle related diseases was explained online to more than 150 participants. The Education health booklets were also given to participants



EVENT 4:

On the eve of World Occupational Therapy Day, **OT Sensitization Drive and OT services at your Desk** were organised by the Department of Occupational Therapy for the employees of Jamia Hamdard from 27/10/2021 to 2/11/2021. The Occupational Therapy services were given by OT experts at different schools of Jamia Hamdard. The event was well appreciated by the employees.



EVENT 5:

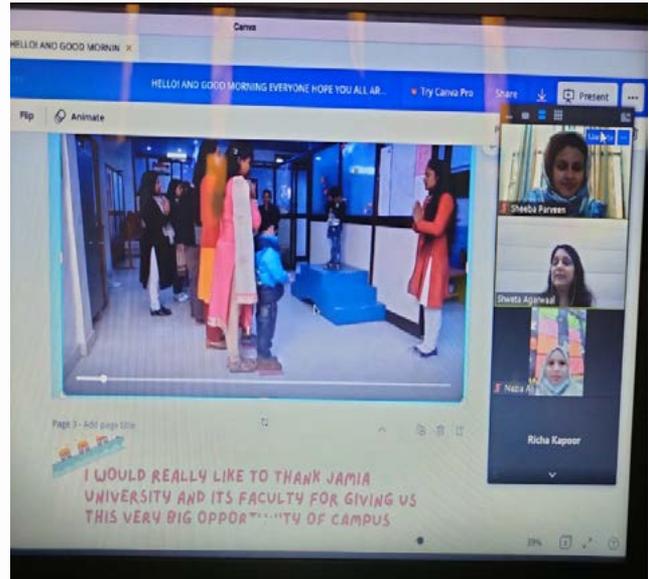
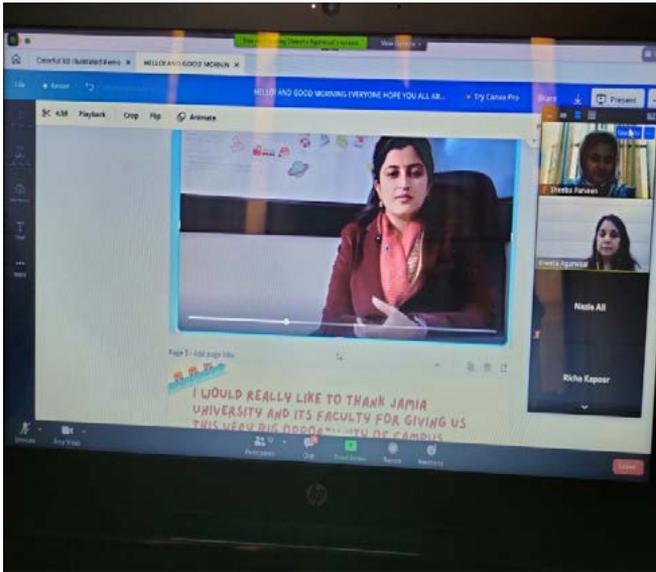
Department of Occupational Therapy conducted a Campus placement for Occupational Therapy Interns and Post-Graduate students on 22nd March, 2022 in LT 11 Ground Floor Central Library building, Jamia Hamdard. Dr. Shweta Wadhwa Founder and Director at **Subha-The New Start, Pitampura, Delhi** was present. The Centre was established in 2011. Dr. Shweta has more than 10 years of working experience with kids in different types of setup. Around 25 candidates participated in the campus recruitment. Overall experience and feedback of Dr. Shweta Wadhwa Founder and Director at Subha-The New Start, Pitampura, Delhi was positive and recruitment team was very positive as the needs of their organization to search the right talent to drive its objectives were fulfilled by the students. She was very keen in conducting Campus recruitment drive in coming six months also.



EVENT 6:

CAMPUS PLACEMENT FOR OCCUPATIONAL THERAPY PASS OUT STUDENTS

Department of Occupational Therapy conducted a Campus placement for Occupational Therapy Pass out students on 22nd September, 2021 via online mode on Zoom Cloud Meetings. Panel of two members, Dr. Richa Kapoor Head, Sensitivity Early Intervention Centre and Child's Skills Enhancement Clinic and Ms. Shweta Aggarwal, Consultant Psychologist, Sensitivity Early Intervention were present for searching suitable talent by conducting student interviews for Clinical Occupational Therapist.



EVENT 7:

Campus placement for occupational therapy pass out students: Mainstream Autism & Special Care Foundations.

Department of Occupational Therapy conducted a Campus placement for Occupational Therapy Pass out students on 2nd September, 2021 via online mode on Google meet. Panel of three members, Mr. Sarbada Shankar Lal, Director (Admin), Mr. Prakash Mohantha, Clinical Psychologist and Dr. Hemendu Kumar Singh Co-Founder and Director–Rehabilitation were present for searching suitable talent by conducting student interviews for Clinical Occupational Therapist. Overall experience and feedback of Mainstream School for Autism & Special Care Foundation recruitment team was very positive as the need of their organization to search the right talent to drive its objectives were fulfilled by the students. Panel members were very keen in conducting Campus recruitment drive next year also.





SCHOOL OF INTERDISCIPLINARY SCIENCES AND TECHNOLOGY

Dean: Dr. Farhan Jalees Ahmad

The School of Interdisciplinary Sciences and Technology (SIST) promotes education and research in interdisciplinary sciences and provides opportunities to researchers and academicians to interact with the faculty and students of other schools of Jamia Hamdard and carry out research in interdisciplinary areas as well as promote opportunities for higher education in identified areas.

The school is running two departments namely Department of Food Technology (DOFT) and Department of Molecular Medicine (DMM). The school is currently offering B. Tech. and M Tech. in Food Technology, MSc in Nutrition and Dietetics, and in Medical Virology, Biomedical Sciences and Ph. D. in Food Technology, Bio informatics, Chemo-informatics, Interdisciplinary Sciences and Molecular Medicine. The school is also offering One month training in Molecular Biology. SIST has entered into collaboration with URDIP (CSIR), Pune and has established a very strong PhD program in the area of Bioinformatics in place.

Department of Food Technology

Food Technology is a branch of science in which knowledge of food science is applied in manufacturing and preservation of food products. Food Technologists study the chemical, physical and microbiological make-up of the food and are involved in its processing, preservation, packaging and storage in safe, wholesome and nutritious form. The demand for professionals and trained personnel in the food industry as well as in research and development in government and industrial setup is immense and ever growing. The Food Technology program at Jamia Hamdard aims: To produce professionally competent, proficient and highly skilled personnel in the field of food technology, with a knowledge of various aspects of food science and technology including the quality of raw material, packaging standards and methodology, health and hygiene parameters, processing techniques, storage and food value; To impart technical and techno-managerial skill to the unemployed youth and

the agrarian society; To promote R&D in the field and assist in the implementation of the food processing, safety and quality management of the food regulating bodies like FSSAI, BIS, ISO, CODEX.

DOFT in the school received a substantial grant of Rs. 75 lakh in 2010 from Ministry of Food Processing Industries to strengthen the laboratories and infrastructure of the Department. As the demand of professionals and trained personnel in the food industry as well as in research and development in government and industrial set-up is immense. The department has funding for research projects from UGC, AICTE, SERB etc. The Department of Food Technology has received a grant of 1.5 Crore Rupees under DST-FIST program.

Major Placements: Nestle, TagTaste, Intertek, Tuv Sud, Haldiram, Mother Dairy; Britannia, Danone, Heinz, Kellogg's, Cadbury, Kraft Food, Hind Agro Foods, Duke Food, Pepsico, AVON, Symrise etc.

Research Areas: Food Fortification; Vitamin D deficiency; Clinical trials; Pharmacokinetics; Edible films; Probiotics; Nanotechnology; Phytochemicals; Food safety and hazards; Food Rheology, Powder Technology, Packing Technology.

Department of Molecular Medicine

The mission of DMM is to develop a multidisciplinary approach via successful collaborations to bridge the gap between basic and clinical or translational sciences in India. Scientists at DMM are involved in scientific programs that try to integrate laboratory and clinical research, to develop new and innovative therapeutic modalities with an active interest in disease intervention strategies and assay development for diagnostic and therapeutic purposes.

DMM Scientists, trained in reputed laboratories in the USA, are former faculties or employees of prestigious international organizations like US-FDA, NIH, Johns Hopkins, etc. After returning to India, they have established their labs in Delhi by securing generous funding from multiple government agencies (DBT,

DST, ICMR etc). They have proved their credentials to the government funding agencies and scientific organizations through their publications, patents and grant evaluations.

Research Areas: Diagnostics; Genetics; Cell biology; Development of point of care devices in diagnostics; Virology; Vaccinology; Cancer Biology; Neurobiology. For the detail of research areas please visit our (Department of Molecular Medicine under the School of Interdisciplinary Sciences and technology of the University) web site. Under each faculty member's profile, you may find information about their specialized research area. You can also look for the publications of the faculty members on PUBMED, Google scholar, ORCID.

Facilities: The SIST is well equipped with processing and analytical equipment. A List of some major equipment available with department and University are as follows: HPLC, Texture Analyser, Rheometer, Hunter Lab Color Spectrophotometer, UV-Vis Spectrophotometer, Motic Inverted Microscope, Deep Freezer, Moisture analyser, BOD Incubator, Rotary Vacuum Evaporator, Biohazard Safety Cabinet, Lab. Scale Spray Drier, Tray Drier, Fluidized Bed Drier, Oven, Meat Processing Unit, Bakery lab, Food Juice Processing Equipment, Packaging Equipment, Hammer Mill, Ball mill, Laboratory Pasteurizer, Shrink Packaging Machine, Vacuum Packaging Machine, RT-PCR, Confocal Microscopy, ELISA, Fluorescence RT-PCR, Viscometer, Infra-red moisture meter etc.

Center for Virology

The centre for virology established at Jamia Hamdard in the year 2021 to provide international quality education and cutting-edge research training in the fields of Basic virology, viral diagnostics, vaccine biology, drug discovery and clinical virology with active collaboration with national and international academic, scientific and health-care institutions as well as industries to meet societal education and training needs.

DEPARTMENT OF FOOD TECHNOLOGY

1. **School** : School of Interdisciplinary Sciences and Technology
2. **Department /Centre** : Department of Food Technology
3. **Head of the Department** : Prof. Sayeed Ahmad
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr. Kulsum Jan	MTech, PhD.	Assistant Professor	
2	Dr. Sweta Joshi	PhD, MTech		
3	Er. Aastha Bhardwaj	MTech, PhD (pursuing)	Lecturer	
4	Dr. Vasudha Sharma	MSc, PhD	Assistant Professor	- International Patent granted 'A COLORIMETRIC SENSOR FOR DETECTING OXYTOCIN AND A METHOD THEREOF' - Centre For Quality & Food Safety Award 2021 - Vice President, Association of Food Scientists' & Technologists of India – Delhi Chapter
5	Er. Jinku Bora	MTech, PhD (pursuing)	Assistant Professor	
6	Dr Khalid Bashir	MTech, PhD.	Assistant Professor	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B. Tech Food Technology	UG	30	
2	M. Tech Food Technology	PG	25	
3	PhD	Doctoral	-	

6. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship	Fellowship awarding agency
	Megha Gangwar	Studies on Bio-activation and Metabolism of Soya Isoflavones by Gut Microbiome and its Cardioprotective Effects.	Dr. B.P. Panda	JH	With Fellowship	

	Omeera Ayob	To Study the effect of Non-thermal Technique of Preservation on the quality and shelf life of Himalayan (Kashimi) Red Chilli	Dr. A.A.Azad	JH	With Fellowship	CSIR
	Aastha Bhardwaj	Development of Biodegradable Packaging Material Made from Agricultural wastege and assess its suitability for food products	Dr. Hinna Hamid	JH	Faculty	
	Aayeena Altaf	Studies on Fermented Wheat, its Chemical Evaluation and Role in Maintaining Bone Health	Dr. Showkat R. Mir	JH	With Fellowship	ICMR
	Bisma Jan	Antioxidant antidiabetic and antimicrobial potential of mulberry leaves and fruits for development of a functional drink	Dr. Sayeed Ahmad	JH	With Fellowship	ICMR
	Entesar Hanan	“Cardioprotective effects of Different formulation of quince(Cydonia Oblongamiller) Kashmiri bamchount ; A potential source of bioactive compounds	Dr. Farhan Jalees	JH	With Fellowship	INSPIRE
	Mohammad Umar Khan	Quality control and nephroprotective potential of SHARBAT-E-BAAZORI extracts.	Dr. Sayeed Ahmad	JH	With Fellowship	ICMR
	Muneeb Ahmad Malik	Studies on Vitamin D Bioconversion, Stability and Bioavailability in Edible Mushrooms.	Dr. Afrozul Haq	JH	With Fellowship	ICMR

	Pritika Sharma	Process Technology for a probiotic bael (Aegle Marnelos) drink for remission of ulcerative colities	Dr. Vasudha Sharma	JH	With Fellowship	ICMR
	Sarushi Rastogi	Development of cysteamine functionalized gold nanoparticle sensor for colorimetric detection of oxytocin in fruits and vegetables	Dr. Vasudha Sharma	JH	With Fellowship	DST PURSE
	Yasmeena Jan	Fortification of Whey Based Jamun Juice with Vitamin D and Its Therapeutic Effect.	Dr. Afrozul Haq	JH	Without Fellowship	
	Shivani Singh	Encapsulation techniques for enhancing the stability of beta-carotene pigment	Dr. Vasudha Sharma	JH	With Fellowship	UGC
	Neha Gupta	Method development and validation for determination of selected pesticides in Lanolin using GC-MS triple quad	Dr Kulsum Jan	MoU	Without fellowship	
	Tarun Kumar	Process Technology for a probiotic millet based beverage	Dr. Vasudha Sharma	JH	Without fellowship	
	Mehvish Habib	Nutraceutical potential of pumpkin seed bioactives and their application in development of functional foods	Dr Khalid Bashir	JH	With Fellowship	ICMR
	Anuradha Shee	Medicinal-food	Dr. Sayeed Ahmad	JH	With Fellowship	UGC
	Sameer Ahmad	Algal polysaccharide and functional food	Dr. Khalid Bashir	JH	Without fellowship	
	Sakshi	Functional food and Nutraceutical food	Dr Kulsum Jan	JH	Without fellowship	
	Manisha Thakur	Nutraceutical food	Dr Kulsum Jan	JH	Without fellowship	

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Tahreem Kauser	Dr Z R Azad/ Dr. Kulsum Jan

7. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Webinar on “Encapsulation and Delivery of Bio-Actives Using Cereal Based Macromolecules”	8th April, 2021.	NA	100
2	Webinar on “Recent Innovations in Food Science”	15 April, 2021.		90
3	World Food Day 2021	16 October, 2021	NA	90
4	Seminar on “Green Technologies for safe and sustainable food”	21 March, 2022	NA	150
5	Seminar on “Insect Pest Infestation during Storage of Fruits and Vegetables”	13 September, 2021	NA	100
6	Seminar on “Development of chitosan edible coatings incorporated with clove essential oil nanoemulsions and its effect on shelf life of fresh-cut mangoes”	05 November, 2021	NA	90
7	Seminar on “Utilization of whey for formulation of whey jamun juice ice pops with antidiabetic potential”	24 February 2022	NA	90
8	Seminar on “Growth studies of potentially probiotic lactic acid bacteria (Lactobacillus plantarum, Lactobacillus acidophilus, and Lactobacillus casei) in carrot and beetroot juice substrates”	23 March 2022	NA	100

8. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Prof. K. Muthukumarappan	South Dakota State University, USA	Extrusion Technology & Sustainability	21 March, 2022

9. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1	Prof. K. Muthukumarappan	South Dakota State University, USA	To deliver talk and interact with students	21 March, 2022

10. Sponsored projects

A. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration		
			Start date	End date	Current status
1	Dr. Kulsum Jan	Surface modification of the food industrial byproducts and wastes for the development of biodegradable products	29 March 2019		ongoing
2	Dr. Vasudha Sharma	Probiotic bael (<i>Aegle Marmelos</i>) based nutraceutical for remission of Ulcerative Colitis	15 April 2019	14 Feb 2022	ongoing
3	Dr Khalid Bashir	Iron Fortification of Indigenous Himalayan Foods to be Incorporated in Mid-day Meal Scheme	Sep 2019		Ongoing

11. Patents granted to/filed by the faculty members/scholars

A. Patents granted (please provide brief detail)

- International Patent granted 'A COLORIMETRIC SENSOR FOR DETECTING OXYTOCIN AND A METHOD THEREOF'

B. Patents filed (please provide brief detail)

- Indian Patent filed 'A COLORIMETRIC SENSOR FOR DETECTING OXYTOCIN AND A METHOD THEREOF'

- Indian Patent filed "A Probiotic Basel based nutraceutical and a process of preparation thereof" filed on March 8, 2022

12. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

Bakery and Confectionary Technology by Kulsum Jan, Khalid Bashir and Shumaila Jan, Mehvish Habib 2021. New India Publishing Agency, New Delhi. (ISBN No: 9789394490512).

Research Publications

- Nagpal, T., Sahu, J. K., Khare, S. K., Bashir, K., & Jan K. (2021). Trans fatty acids in food: a review on dietary intake, health impact, regulations, and alternatives. Journal of Food Science. (ISSN: 1750-3841). (IF 3.167).

2. Neha Gupta, Rakhi Singh, Sumant Kumar Nayak, Mukul Das, Jan K* (2022). Development and validation of multiresidue method for organophosphorus pesticides in lanolin using gas chromatography–tandem mass spectrometry. *Journal of Mass Spectrometry*, 57 (11) e4894. <https://doi.org/10.1002/jms.4894>. ISSN:1096-9888. (IF 2.394).
3. Ayob, Omeera, Peerzada Rashid Hussain, Prashant Suradkar, Farah Naqash, Sarver Ahmed Rather, Sweta Joshi, and ZR Azaz Ahmad Azad. “Evaluation of chemical composition and antioxidant activity of Himalayan Red chilli varieties.” *LWT* 146 (2021): 111413. (IF: 6.056)
4. Ayob, Omeera, Peerzada Rashid Hussain, Farah Naqash, Lubna Riyaz, Tahreem Kausar, Sweta Joshi, and Zulfiqarur Rashid Azaz Ahmad Azad. “Aflatoxins: Occurrence in red chilli and control by gamma irradiation.” *International Journal of Food Science & Technology* 57, no. 4 (2022): 2149-2158 (IF: 3.612)
5. Sharma, N., **Bhardwaj**, A., Said, P., Joshi, S., Poonia, A., & Sahu, J. K. (2022). Scope, Functions, and Novelty of Packaging Edibles. In *Edible Food Packaging* (pp. 87-101). Springer, Singapore. ISBN: 978-981-16-2383-7
6. **Bhardwaj**, A., Jan, B., & Alam, T. (2021). Quality Characteristics of Packaging Materials and Containers Used for Storage of Fresh Produce. In *Packaging and Storage of Fruits and Vegetables* (pp. 25-39). Apple Academic Press. eBook ISBN9781003161165
7. **Bhardwaj**, A., Sharma, N., Sharma, V., Alam, T., Sahu, J. K., & Hamid, H. (2022). Assessing the consumer acceptance and storability of chitosan and beeswax coated cellulose packaging for whole wheat bread. *Food Control*, 133, 108682.
8. Bansal, U., **Bhardwaj**, A., Singh, S. N., Khubber, S., Sharma, N., & Bansal, V. (2022). Effect of incorporating plant-based quercetin on physicochemical properties, consumer acceptability and sensory profiling of nutrition bars. *Functional Foods in Health and Disease*, 12(3), 116-127.
9. Bashir, O., **Sharma**, V., Hussain, S. Z., Naseer, B., Amin, T., Ameer, K., Mohamed, Ahmed, I. A. (2022). Effect of roasting and frying treatments on aflatoxins and capsaicinoids content and nutritional profile of green chilies (*Capsicum annum* L.). *Food Science & Nutrition*. [IF: 3.553]
10. Rastogi, S., Kumari, V., **Sharma**, V., & Ahmad, F. J. (2022). Colorimetric Detection of Oxytocin in Bottle Gourd Using Cysteamine Functionalized Gold Nanoparticle (Cys-AuNPs). *Food Analytical Methods*, 1-12. [IF: 3.498]
11. Manzoor, S., Rashid, R., Panda, B. P., **Sharma**, V., & Azhar, M. (2022). Green extraction of lutein from marigold flower petals, process optimization and its potential to improve the oxidative stability of sunflower oil. *Ultrasonics sonochemistry*, 85, 105994. [IF: 9.336]
12. Tiwari, A., Singh, G., Singh, U., Sapra, L., Rana, V., **Sharma**, V., ... & Sharma, S. (2022). Edible mushrooms: The potential game changer in alleviating vitamin D deficiency and improving human health. *International Journal of Food Science & Technology*, 57(3), 1367-1377. [IF: 3.612]
13. Purohit, S. R., Rana, S. S., Idrishi, R., **Sharma**, V., & Ghosh, P. (2021). A review on nutritional, bioactive, toxicological properties and preservation of edible flowers. *Future Foods*, 4, 100078
14. Rastogi, S., Kumari, V., **Sharma**, V., & Ahmad, F. J. (2021). Gold Nanoparticle-based Sensors in Food Safety Applications. *Food Analytical Methods*, 1-17. [IF: 3.498]
15. Tiwari, A., Singh, G., **Sharma**, V., Srivastava, R. K., & Sharma, S. (2021). Harnessing the potential of UVB irradiation for improving the nutraceutical properties of edible xylophilic mushroom dried powder. *LWT*, 150, 111913. [IF: 6.056]
16. Hanan, E., Rudra, S. G., **Sharma**, V., Sagar, V. R., & Sehgal, S. (2021). Pea pod powder to enhance the storage quality of buckwheat bread. *Vegetos*, 34(4), 790-799. [IF: 1.34]
17. Naseer, B., Sharma, V., Hussain, S. Z., & **Bora**, J. (2021). Development of functional snack

- food from almond press cake and pearl millet flour. *Letters in Applied NanoBioScience*, 11(1), 3191-3207.
18. **Bora, J.**, Tongbram, T., Yaseen, M., Malik, M., & Hanan, E. (2021). Characterization of Modern Cold Storage for Horticulture Crops. In *Packaging and Storage of Fruits and Vegetables* (pp. 183-208). Apple Academic Press.
 19. Yaseen, M., Bhat, B. A., **Bora, J.**, Jan, Y., Malik, M., & Azad, Z. R. A. A. (2021). Insect Pest Infestation During Storage of Fruits and Vegetables. In *Packaging and Storage of Fruits and Vegetables* (pp. 235-268). Apple Academic Press.
 20. Singh, P., Khan, T., Ahmad, F. J., Jain, G. K., & **Bora, J.** (2021). Development of chitosan edible coatings incorporated with clove essential oil nanoemulsions and its effect on shelf life of fresh-cut mangoes. *Songklanakarin Journal of Science & Technology*, 43(5).
 21. Jan, Y., Malik, M., Sharma, V., Yaseen, M., **Bora, J.**, & Haq, A. (2021). Utilization of whey for formulation of whey jamun juice ice pops with antidiabetic potential. *Food Frontiers*, 2(4), 486-493.
 22. **Bora, J.**, Tongbram, T., Mahnot, N., Mahanta, C. L., & Badwaik, L. S. (2022). Tocopherol. In *Nutraceuticals and Health Care* (pp. 259-278). Academic Press.
 23. Kamble, D. B., Bashir, K., Singh, R., & Rani, S. (2021). Effect of Moringa oleifera pod addition on the digestibility, cooking quality, and structural attributes of functional pasta. *Journal of Food Processing and Preservation*, e16163. (ISSN: 1745-4549) (IF 2.609).
 24. Manzoor, S., Gull, A., Wani, S. M., Ganaie, T. A., Masoodi, F. A., Bashir, K., Dar, B. N. (2021). Improving the shelf life of fresh cut kiwi using nano-emulsion coatings with antioxidant and antimicrobial agents. *Food Bioscience*, 41, 101015. (ISSN: 2212-4292) (IF 5.318).
 25. Maurya, V. K., Shakya, A., Bashir, K., Kushwaha, S. C., & McClements, D. J. (2022). Vitamin A fortification: Recent advances in encapsulation technologies. *Comprehensive Reviews in Food Science and Food Safety*. (ISSN: 1541-4337). (IF 15.786).
 26. Kumar, M., Khan, A. L., Jan, K., Bashir, K., & Jan, S. (2021). Phosphate Modification. In *Physicochemical and Enzymatic Modification of Gums*, pp. 153-162. Springer, Cham.
 27. Jan, K., Bashir, K., & Maurya, V. K. (2021). Gamma Irradiation and Food Properties. In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier 41-60.
 28. Bashir, K., Jan, K., Kamble, D. B., Maurya, V. K., Jan, S., & Swer, T. L. (2021). History, Status and Regulatory Aspects of Gamma Irradiation for Food Processing. In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier. 101-107.
 29. Jan, S., Bashir, K., & Jan, K. (2021). Ohmic Processing of Plant-Related Food Products. In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier. 699-705.
 30. Bashir, K., Swer, T. L., Rani, S., Jan, K., & Jan, S. (2021). Effect of Irradiation on Food Components In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier. 71-78
 31. Jan, K., Bashir, K., Jan, S., & Khan, A. L. (2021). Principles and Sources of Gamma Irradiation. In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier. 61-70.
 32. Swer, T. L., Mukhim, C., Bashir, K., Rani, S., & Kamble, D. B. (2021). Irradiation and Legal Aspects. In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier. 108-121.
 33. Kamble, D. B., Rani, S., Bashir, K., & Swer, T. L. (2021). Plasma Decontamination of Animal-Related Food Products. In *Innovative Food Processing Technologies, A Comprehensive Review*, Elsevier. 598-609

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr. Kulsum Jan	1	1	9	1	2 National article
2	Dr. Sweta Joshi	1	1			
3	Er. Aastha Bhardwaj	02	0	02	0	
4	Dr. Vasudha Sharma	05	03	02	0	0
5	Er Jinku Bora	03	-	03	0	
6	Dr Khalid Bashir	2	2	10	0	2 Online articles and 10 modules

13. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

Dr. Vasudha Sharma:

- » Centre For Quality & Food Safety Award 2021 award received on World Food Safety day, 7th June 2021
- » Vice President, Association of Food Scientists' & Technologists of India – Delhi Chapter
- » Executive Member Women's Indian Chamber of Commerce & Industry (WICCI) Delhi Food Processing Council [2020-22]

14. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed
1	Intertek Pvt Ltd	2

DEPARTMENT OF MOLECULAR MEDICINE

1. **School** : School of Interdisciplinary Sciences & Technology
2. **Department /Centre** : Molecular Medicine
3. **Head of the Department** : Dr. A. Selvapandiyar
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr. Farhan J. Ahmad	PhD	Dean, SIST	Convener, CAS committee, Foreign Students Advisor, Professor in Pharmaceutics. Chairman, SIST-School board; Member BOS-DMM; Member BOS-TF
2	Dr. A Selvapandiyar	PhD	Associate Professor HOD	Also as HOD of Dept of Food Technology, SIST for 14 months (2020-2021); Ex Chairman BOS-DMM; Chairman BOS-FT; Member SIST-School Board; Member Academic Council; Convener of committee to initiate MSc medical Virology course;
3	Dr. Surajit Ganguly	PhD	HOD	Member: Board of Studies of the department; Co-coordinator/member of Department committees: Theory, Placement; Purchase; DHR training;
4	Dr. Sudeshna Kar	PhD	Asst. Professor	Member: Board of Studies of the department; Co-coordinator/member of Department committees: MOOCs; Placement; Dissertations
5	Dr. Anuja Krishnan	PhD	Asst. Professor	Member: Board of Studies of the department; Career counseling SIST Co-coordinator/member of Department committees: MSc examinations, journal club
6	Dr. Sonam Grover	PhD	Asst. Professor	Member Placement Committee; Co-coordinator/member of Department committees: MSc Practical, cultural/games; DHR trainings
7	Dr. Prem Prakash	PhD	Asst. Professor	Member Animal House Maintenance Committee; Co-coordinator/member of Department committees: purchase, cultural/games; website; seminar series; PhD exams;
8	Dr. Nishi Raj Sharma	PhD	Asst. Professor	Co-coordinator/member of Department committees: MSc admissions, placement, department data, discipline and anti-ragging
9	Dr. Nidhi C. Dubey	PhD	Asst. Professor	Co-coordinator/member of Department committees: DSW Nodal officer, MSc admission, NET coaching, discipline, and anti-ragging
10	Dr. Meetu Agarwal	PhD	Asst. Professor	Co-coordinator/member of Department committees: department data, MSc exams,

5. Detail of Adjunct/Visiting Professor:

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

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	MSc. Biomedical Sciences	PG	20	08
2	M.Sc. Medical Virology	PG	20	14
3	PhD in Molecular Medicine	Doctoral		09
4	PhD in Bioinformatics	Doctoral		0

7. New study programme(s) launched during 2021 – 2022 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	M.Sc. Medical Virology	PG	20	14

8. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1	Olympus fixed stage upright Microscope	Animal/clinical Research
2	-80° (Deep freezer)	Dr. Ganguly's Lab
3	Live cell Imaging	Dr. Ganguly's Lab

9. Detail of post-doctoral Researchers in the Department during 2021-2022

Sl. No.	Name	Type of fellowship	Funding agency	Research area
1	Dr. Khushbu Sharma	Post-doctoral	ICMR	Tuberculosis
2	Dr. Mirza Sarwar Baig	Post-doctoral	ICMR	Dengue
3	Dr. Namrata Thakur	Project-RA	SERB	Cancer
4	Dr. Salma Jamal	DHR- Young Scientist	DHR	Tuberculosis
5	Dr. Hina Singh	DHR-Women Scientist	DHR	Tuberculosis
6	Dr. Jitender Kumar	DBT Project (Dr. Ganguly)	DBT	Neurobiology
7	Dr. Sandeep Swargam	DBT-Scientist B	DBT	Tuberculosis

10. A. PhD scholars' detail (currently enrolled): 2021-2022

Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship	Fellowship awarding agency
Enam Reyaz	Host cell expression response against <i>Leishmania</i> live attenuated parasite.	Dr. A. Selvapandiyan	JH	With fellowship	UGC SRF
Anam Abdullah	Deciphering the role of brain tissue- specific histone acetylation in neurocognitive function.	Dr. Surajit Ganguly	JH	With fellowship	HNF- Doctoral fellowship
Bharti Pathak	Dissection of viral and humoral immune parameters in dengue infection.	Dr. Anuja Krishnan	JH	Without fellowship	NA
Mirza Adil Beg	Characterization of Amastigote specific protein in <i>Leishmania donovani</i> .	Dr. A. Selvapandiyan	JH	Without fellowship	NA
Noor Fatima	“Identification of immunomodulators to reduce parasite burden in host against leishmaniasis”	Dr. A. Selvapandiyan	JH	Without Fellowship	Institute Salary
Roshanara	Identification and Characterization of centrin4 protein binding partners in <i>Leishmania donovani</i> .	Dr. A. Selvapandiyan	JH	With Fellowship	ICMR SRF
Sana Tanweer	Identification of the role of putative Methyltransferase from <i>Mycobacterium tuberculosis</i> in Epigenetic Modulation of host cell.	Dr. Sonam Grover	JH	With Fellowship	ICMR SRF
Kirti Nain	‘Immunological approaches against hcg expressing advanced stage drug resistant cancers’	Dr. Sonam Grover	MOU	With Fellowship	DST-Inspire JRF

Vishwanath Upadhyay	Prevalence of nontuberculous mycobacterial disease and molecular characterization of identified non tuberculous mycobacterium species among TB suspects.	Prof. S.K. Sharma	MOU	With fellowship	Project fund (ICMR)
Kriti Jain	Identification of predictive biomarkers to monitor responses to immune check-point therapy in cancer patients.	Dr. Surajit Ganguly	MOU	Without Fellowship	Employee On salary from sir Ganga ram hospital
Rahul Sharma	“Elucidating the role of putative methyltransferases of Mycobacterium tuberculosis in virulence and host pathogen interaction	Dr. Sonam Grover	JH	With Fellowship	DBT-JRF
Sheeba Zarin	‘Functional analysis of Mycobacterium tuberculosis Rv231A-B Toxin-antitoxin system: Role in stress response and pathogenesis’	Prof. S. E. Hasnain	MOU	With Fellowship	CSIR- SRF
Shilpi Yadav	Histone-mimic proteins from thermophilic bacteria as functional modulators of eukaryotic chromatin architecture.	Dr. Sudeshna Kar	JH	With Fellowship	CSIR- SRF
Ambreen Rashid	‘Immunotherapy for breast cancer’	Dr Anuja Krishnan	MOU	With Fellowship	ICMR-JRF
Mohd. Akram	Role of Unani Formulations in Therapeutics of Alzheimer’s Disease	Dr. Suhel Parvez	JH	Without Fellowship	Salary from Institute
Tasmin Nazim	‘Experimental approaches to study mitochondrial localization, immunological function and biophysical characterization of M.tb ,methyl transferases’	Prof. S. E. Hasnain	JH	With Fellowship	TWAS-DBT fellowship

Shivani A. Muthu	Biophysical chemistry of anti-amyloid mechanisms in the repurposing of traditional and modern medicine for amyloidosis.	Dr. Basir Ahmad	JH	With Fellowship	ICMR SRF
Chanchal Chauhan	Mechanistic study of drugs interaction with proteins: Application to drugs discovery and repurposing.	Dr. Basir Ahmad	JH	With fellowship	Salary from AIIMS Delhi (Employee)
Waseem Ali	“Targeting Mycobacterium replication machinery proteins to combat tuberculosis through drug repurposing”	Dr. Sonam Grover	JH	Without fellowship	NA
Priyanka Pal	PhaseI, PhaseII clinical trials on a recombinant vaccine against β hCG to prevent pregnancy	Dr. A. Selvapandiyan	MOU	With fellowship	CSIR NET -JRF
Wasia Khanam	Bioengineering of Transaminase for simplified enzyme immobilization.	Dr. Nidhi C. Dubey	JH	With fellowship	PI-DST Inspire Project
Azeem Ali	“Role of Damage Associated Molecular Patterns (DAMPs) in Cardiovascular Disease Associated with Metabolic Dysfunction”.	Dr. Prem Prakash	JH	With fellowship	Project Assistant
Kritika Sonar	Development of Immunotherapeutic Approaches for the Treatment of Advanced Stage terminal Cancers expressing hCG	Dr. Surajit Ganguly	MoU	NA	NA
Sharmistha Sarkar	NA	Dr. Nishi Raj Sharma	JH	Yes	DBT-JRF (July 2021 - Till Date).
Swati Sharma	“Molecular subtyping for identification of protein based biomarkers for detection and treatment surveillance of meningioma patients”	Dr. Prem Prakash	MoU	Yes	Employee, Sir Gnaga Ram Hospital, New Delhi

Akshay Kumar	NA	Dr. Sudeshna Kar	JH	NA	NA
Isha Pahuja	“Novel Immunotherapeutic Strategies to Combat Tuberculosis”.	Dr. Meetu Agarwal	MoU	NA	NA
Priyanka sharma	Studying the association between imbalances of circulating serum tryptophan metabolite induced during SARS-CoV-2 infection and long-term cognitive impairment.	Dr. Surajit Ganguly	MoU	Yes	Artemis Hospital, Gurgaon Employee

11. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	No. of participants
1	Intestinal IL-22Ra1 signaling and HFD induced metabolic disorder”	28th October 2021	50
2	Feed Your Gut With Caution: Dietary Fiber-gut Microbiota Axis In Digestive Health And Disease	11th November 2021	50
3	“Women who have had a profound impact on their scientific career”	7 th March 2022	45

12. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Dr. Pawan Kumar	Department of Microbiology and Immunology Stony Brook University, Stony Brook, NY, USA	Intestinal IL-22Ra1 signaling and HFD induced metabolic disorder”	28th October 2021
2	Dr. Vishal Singh	Department of Nutritional Sciences The Pennsylvania State University, USA	Feed Your Gut With Caution: Dietary Fiber-gut Microbiota Axis In Digestive Health And Disease	11th November 2021

3	Prof. Nadira Karunaweera	Faculty of Medicine University of Colombo, Sri Lanka (Former President, Sri Lanka National Chapter of Organization for Women in Science for the Developing World)	Can we have it all?	7 th March 2022
4	Dr.Saima Aijaz	Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi	WomenScientistsandCovid-19:The trickyart ofbalancingworkandLife	7 th March 2022
5	Dr. Vibha Taneja	Senior Consultant Scientist and Professor (GRIPMER), Sir Ganga Ram Hospital, New Delhi	Everyone has a story to tell	7 th March 2022
6	Dr. Anita Jatana	Consultant Dietetics, Indraprastha Apollo Hospital, Delhi. Convenor Indian Dietetics Association- Delhi; Convenor NetProFan-Delhi	Unlocking the Mantra of Healthy Living	7 th March 2022
7	Dr. Nishi Raj Sharma	Asst. Professor Dept. of Molecular Medicine, Jamia Hamdard University, New Delhi	Chaired the session and delivered an invited talk entitled “RNA granules: a new paradigm of virus-host interactions”: Indo-US Symposium on Molecular Virology-IIT Mandi	15 th -17 th Feb 2022
8	Dr. A. Selvapandiyan	Associate Professor Dept. of Molecular Medicine, Jamia Hamdard University, New Delhi	Invited Talk at the 2 nd Leishmania East Africa Platform Scientific Conference on ‘Development of c entrin deleted live parasite vaccines for VL’ Kenya (online)	Nov 2021

13. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1	Dr. Kavita Vats	University of Pittsburgh, Pittsburgh, USA	Collaboratory discussion with Dr. A. Selvapandiyan, DMM	March 2022
2	Dr. Manju Jain	Central University of Punjab, Bathinda, Punjab, India	Collaboratory discussion with Dr. A. Selvapandiyan, DMM	Nov 2021

14. Sponsored projects

A. Projects completed during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project, Name of the funding agency and Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	
1	A. Selvapandiyar (PI)	Preclinical evaluation of the live attenuated clinical grade parasite vaccine candidate against VL BIRAC (Rs. 33.68 Lakhs)	Aug 2017	Aug 2021	1 Technical Assistant
2	Dr. Sudeshna kar	Neuroprotective and Neuritogenic effects of a cell-permeable bacterial histone-mimic protein: Therapeutic Implications for Neurodegenerative Pathologies DST-SERB (Rs.67,16,000)	Oct 2018	Oct 2021	RA

B. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
1	Dr. A. Selvapandiyar	“Gene functional analysis and development of Liver attenuated vaccine candidates of leishmania parasites against leishmaniasis using CRISPR cas9 approach” ICMR (Rs. 1,16,15,937)	02 March 2022	01 March 2025	Continuing	01 JRF 01 Technical Assistant
2	Dr. A. Selvapandiyar	“Therapeutic switching and nano -conjugation of PI3K/ AKT pathway modulator(S) with leishmanial drug target inhibitor(s) as potential antileishmanial lead compounds” ICMR (Rs. 16,80,000)	25 Jan 2022	24 Jan 24	Continuing	01 Lab Attendant

C. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
				Start date	End date	Current status	
1	2021-22	Dr. A. Selvapandiyan	Uncovering the genetics of novel Salmonella typhi strains from delayed responders to treatment ICMR (Rs. 90,00,000)	March, 2021	March 2024	Continuing	01 Paramedical worker
2	2021-22	Dr Anuja Krishnan	Identifying therapeutic targets for blocking infection of highly pathogenic SARS-CoV2 at an early stage: developing novel screening assay with minimal bio-hazard DBT (Rs. 83,93,968)	January 2021	January 2023	Continuing	JRF-01
3	2021-22	Dr Anuja Krishnan	Identification of anti-dengue viral compounds from Unani medicinal plants and formulations CCRUM (Rs. 55,47,200)	March 2020	March 2022	Continuing	JRF-01
4	2021-22	Dr. Nishi Raj Sharma	Analysis and modulation of virus host interplay in virus infection and pathogenesis DBT (Rs. 1,13,00,000)	July-19	July-24	Continuing	NA
5	2021-22	Dr. Nidhi.C Dubey	“Innovation in Science Pursuit for Inspired Research(INSPIRE)” with several components DST-INSPIRE (Rs. 1,10,00000)	April 2018	April 2023	Continuing	Project Assistant

6	2021-22	Dr. Surajit Ganguly	“Studies to delineate the molecular nexus between systemic infection, serotonin biosynthesis and neurocognitive decline using chronic infection model in rodents.” SERB (Rs. 57,64,400)	12 Nov 2018	March 2022	Continuing	SRF-01
7	2021-22	Dr. Surajit Ganguly	Studies to decipher the mechanisms inducing disruption in hippocampal dopaminergic homeostasis by peripherally-restricted-bacterial infection ICMR (Rs. 2663318)	Nov 2020	Oct 2023	Continuing	JRF-01
8	2021-22	Dr. Prem Prakash	“ Role of Extra Domain A fibronectin in Diabetes Associated Arterial Thrombosis: A Real – Time Intravital Approach” SERB EEQ (Rs. 46,49,551)	29.12.20	28.12.23	Running	Project Assistant-1
9	2021-22	Dr Prem Prakash	“Mechanistic role of cellular fibronectin containing extra domain A in heart failure” ICMR (Rs. 42,22,829)	04.01.21	04.01.24	Running	NA
10	2021-22	Dr. A. Selvapandiyan	“Uncovering the genetics of novel Salmonella typhi strains from delayed responders to treatment” ICMR (Rs. 49,00,000)	22.03.21	21.03.24	Running	Para medical worker (01)
11	2021-22	(PI)-Dr. Surajit Ganguly (Co-PI)- Dr. Nishi Raj Sharma	Validation and characterization of novel functional role of SARS-CoV-2 ORF8 protein in tricking host complement system using molecular mimicry DBT (Rs. 24,44,000)	19.03.21	18.03.22	Running	RA-I

11	2021-22	Dr. Meetu Agarwal	Delineating Mycobacterium tuberculosis UDPGlcNAc synthesis pathways DST-INSPIRE (Rs. 1,10,00000)	January 21	2026	Running	NA
----	---------	-------------------	--	------------	------	---------	----

15. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr. Anuja Krishnan	5	3	-	-	-
2	Dr. Sudeshna Kar	4	-	-	-	-
3	Dr. Nishi Raj Sharma	2	1	-	-	-
4	Dr. Nidhi C. Dubey	-	1	-	-	-
5	Dr. A. Selvapandiyan	-	1	1	-	-
6	Dr. Prem Prakah	1	-	-	-	-
7	Dr. Sonam Grover	7	-	-	-	-

16. A. Achievements/Recognitions/Awards received/awarded to faculty members.

Dr. Sudeshna Kar was selected as Editorial Board Member (Biotechnology) of Scientific Reports journal.

B. Invited as keynote or plenary speaker.

1. Dr. A. Selvapandiyan delivered an invited talk in **Nov 2021**. At the **2nd Leishmania East Africa Platform Scientific Conference** on 'Development of centrin deleted live parasite vaccines for VL' Kenya (**online**).

17. Students achievements

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

ICMR-RA-02

ICMR-SRF-02



SCHOOL OF MANAGEMENT & BUSINESS STUDIES

Dean: Prof. Shibu John

Management education was introduced in Jamia Hamdard in the year 1998. Since then, it has become one of the important units of the University. The School of Management & Business Studies (SM&BS) has three departments namely, Department of Management, Department of Healthcare & Pharmaceutical Management and Department of Hotel Management and Catering Technology. Today more than 1200 students are enrolled in the school for various PG and UG courses. Owing to the core competencies of the faculty, the school has made a name for itself, both among industry erudite and intelligentsia.

The teaching pedagogy employed in SM&BS is a combination of theoretical concept with practical application. The School is well endowed with intellectual capital and field experience with both senior and young faculty members who have plenty of research experience behind them and extensive industry experience in the domain of Management specializations like Marketing, Finance, Human

Resources, Operations Management, International Business and Entrepreneurship, Public Health, Healthcare Management, Pharmaceutical Management, Hotel management, Commerce, Supply chain management etc.

Placement/Internships activities are coordinated by a placement cell headed by, Training and Placement Officer, comprising of selected student representatives and faculty members. This includes both summer internship as well as final placement

Department of Management

The Department of Management Studies was established in the year 1998, offering MBA Program with specialisations in Marketing, Finance, Human Resource, Operations Management and IT Management. Two more specialisations have been added over the period, namely International Business and Entrepreneurship. Ever since its inception, the department has aimed at broadening students' outlook, strengthening their soft skills, with emphasis on the

personality development of the student. In the year 2014, the Bachelors Program of BBA was initiated, which has been a well-received program. In the year 2020, the Department also started offering B.Com. The teaching pedagogy is judicious mix of theoretical concept with practical application. This is achieved by discussing the latest developments in management thinking and their applications in the Indian context through case studies, club activities, seminars, guest lectures and industrial tours. The students are encouraged to overcome the limitations of classroom education by attending club activities that also provides a platform for polishing the communication and presentation skills. They also organize, Biz-Quiz, Debates, Ad-mad shows etc. through which learning becomes a pleasant experience. In order to have interaction with the corporate world, the MBA Programme incorporates guest lecturers as part of its curriculum. The department invites guest speakers from the industry to interact with the students and give insights in contemporary issues and developments. To develop academic excellence the Department of Management offers full time and part time doctoral (Ph.D.) program in various areas of expertise.

Department of Healthcare & Pharmaceutical Management

Jamia Hamdard has started offering MBA degree in Healthcare and Pharmaceutical Management in the year 2005 with the mission to develop qualified healthcare and pharmaceutical management professionals for playing active role in improving the standards of healthcare delivery. Later on, a separate department

of Healthcare and Pharmaceutical Management was created under School of Management & Business Studies to give more focus on healthcare education. Our comprehensive and integrated curriculum is designed for students in their early careers with a range of diverse backgrounds. Graduates will be able to exhibit knowledge expansion, competency development, and practical skills in the management of health-related enterprises. The teaching process includes latest theoretical concept with practical application. Today our Alumni are successfully working in the healthcare and pharmaceutical organisations of India and abroad & contributing in improving the healthcare standards of the community.

Department of Hotel Management and Catering Technology

Department of Hotel Management & Catering Technology has established in 2019 to prepare a successful and fulfilling career in the hospitality industry. Classroom teaching is enhanced by a variety of exciting learning experiences that will link with the industry.

The aims of the department are to impart domain theoretical and practical knowledge that incorporate experimental learning to foster requisite skills among students. With its well-equipped training labs, food and beverage production Labs, experienced faculty, and culture of innovation that help students to build a career in tourism and hospitality industry. This course will equip with the knowledge, skills and attributes to become an effective and ethical manager.

DEPARTMENT OF MANAGEMENT

1. **School** : **School of Management & Business Studies**
2. **Department /Centre** : **Management**
3. **Head of the Department** : **Dr. Syed Nadimul Haque**
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge	Any other information
1.	Prof. (Dr.) Reshma Nasreen	Ph.D	Professor	Dean-SMBS, DSW, Research Committee Member.	
2	Dr. Syed Nadimul Haque	Ph.D	Associate Professor	Head of the Department, Research Committee Member, Student welfare/ Grievance Handling/ Counselling committee/ Overall development, Member of BOM, Member of CPC.	
3.	Dr. Sana Beg	Ph.D	Associate Professor	Member – Academic Council of Jamia Hamdard, Department Research Committee Member, Student welfare/Grievance Handling/ Counselling committee/ Overall development, Placement/Industry Interface Committee Convenor, MBA (3 rd Sem)- Finance Class Coordinator	
4.	Dr. Md. Shahnawaz Abdin	Ph.D	Associate Professor	Research committee Member, Ph.D Coordinator, Student welfare/ Grievance Handling/ Counselling committee/ Overall development, Examination Committee Member.	
5.	Dr. Syeedun Nisa	Ph.D	Associate Professor	Deputy Provost (Girls), Convener of Industry Academia Partnership Cell, University Committee Member for NIRE, NAAC, AISHE, Anti-Ragging Squad Member, Hony. Director of Center for Training & Development, Research Committee Member, Ph.D Examination, Convener of Departmental Quality Cell, Examination Committee Member, Cultural and Sports, MBA (3 rd Sem)- IB Class Coordinator, MBA (2 nd Sem)- IB Class Coordinator.	
6.	Dr. Noria Farooqui	Ph.D	Assistant Professor	Student welfare/Grievance Handling/ Counselling committee/ Overall development, Examination Committee Member, Convener of Syllabus Revision Committee.	

7.	Dr. Nudrat Moini Rahman	Ph.D	Assistant Professor	Examination Committee Member, Syllabus Revision Committee Member, BBA (3 rd Sem) Section B Class Coordinator, MBA (3 rd Sem)-Entrepreneurship Class Coordinator, MBA (2 nd Sem)- Entrepreneurship Class Coordinator.
8.	Dr. Sadaf Siraj	Ph.D	Assistant Professor	Member Core Committee involved in data compilation for NAAC, NIRF, AISHE, QS-1- Gauge, Departmental Quality Cell Member, MBA (3 rd Sem)- Marketing Class Coordinator, MBA (2 nd Sem)- Marketing Class Coordinator.
9.	Dr. Abdullah	Ph.D	Assistant Professor	Examination Committee Member, Member of Syllabus Revision Committee, BBA (3 rd Sem) Section A Class Coordinator, University Webcell Committee Member, Smart Card Coordinator
10.	Dr. Mohammad Jamshed	Ph.D	Assistant Professor	Admission Committee Member, Placement Committee Member, BBA Program Coordinator - CDOE, BBA (5 th Sem) Section C Class Coordinator, MBA (3 rd Sem)- Operation Management Class Coordinator, BBA (2 nd Sem) Section A Class Coordinator, MBA (2 nd Sem)- Operation Management Class Coordinator.
11.	Dr. Asad Ahmad	Ph.D	Assistant Professor	Examination Committee Member, Placement/ Industry Interface Coordinator, Admission Committee Member, Cultural and Sports, BBA (5 th Sem) Section B Class Coordinator, BBA (6 th Sem) Section B Class Coordinator.
12.	Dr. Matloob Ullah Khan	Ph.D	Assistant Professor	Ph.D Verification & Documentation, Admission Committee Member, Syllabus Revision Committee Member, B.Com (1 st and 3 rd Sem) Class Coordinator, MBA (2 nd Sem)- Finance Class Coordinator.
13.	Ms. Ayisha Shaikh	MBA	Assistant Professor	Time Table, Examination Committee, Cultural and Sports Committee Member, MBA (1 st Sem) Section A and B Class Coordinator, MBA (2 nd Sem) Section A Class Coordinator.
14.	Mr. Kapil Matta	MBA	Assistant Professor	Quality Cell Member, Syllabus Revision Committee Member, BBA (1 st Sem) Section B Class Coordinator, BBA (4 th Sem) Section A Class Coordinator.

15.	Ms. Manpreet Kaur Kohli	MBA	Assistant Professor	Member Badminton Club, Placement/ Industry Interface Coordinator, BBA (1 st Sem) Section C Class Coordinator, BBA (6 th Sem) Section C Class Coordinator.	
16.	Dr. Shahid Pervez Khan	MBA	Assistant Professor	-	Superannuated on 30/6/2021
17.	Dr. Shikha Gera	Ph.D	Assistant Professor	Ph.D Verification & Documentation, Examination Committee Member, BBA (1 st Sem) Section A Class Coordinator, BBA (4 th Sem) Section B Class Coordinator.	
18.	Dr. Fakhra Naeem	Ph.D	Assistant Professor (Contractual)	Examination Committee Member, Placement/ Industry Interface Coordinator, BBA (3 rd Sem) Section C Class Coordinator, MBA (3 rd Sem)- HR Class Coordinator, MBA (2 nd Sem)- HR Class Coordinator.	
19.	Dr. Alka Sanjeev	Ph.D	Assistant Professor (Contractual)	Time Table Committee Member, Quality Cell Member, BBA (5 th Sem) Sec A Class Coordinator, BBA (4 th Sem) Section C Class Coordinator.	Resigned w.e.f. 20/6/2022
20.	Dr. Sna Farooqi	Ph.D	Assistant Professor (Contractual)	Time Table Committee Member, Syllabus Revision Committee Member, BBA (1 st Sem) Section D Class Coordinator, BBA (Integrated 3 rd Sem and 5 th Sem) Class Coordinator, BBA (6 th Sem) Section A Class Coordinator.	
21.	Dr. Faizan Khan Sherwani	Ph.D	Assistant Professor (Contractual)	BBA (Integrated 4 th Sem) Class Coordinator.	
22.	Dr. Mohd. Shafeeq	Ph.D	Assistant Professor (Contractual)	Admission Committee Member, MBA (2 nd Sem) Section B Class Coordinator.	
23.	Dr. Mansoor Ahmad	Ph.D	Assistant Professor (Contractual)	Admission Committee Member.	
24.	Ms. Suha Bilquis	MBA	Assistant Professor (Contractual)	Cultural and Sports Committee Member	
25.	Dr. Vardah Saghir	Ph.D	Assistant Professor (Contractual)	Admission Committee Member, BBA (2 nd Sem) Section D Class Coordinator, B.Com (4 th Sem) Class Coordinator.	
26.	Ms. Farzana		Assistant Professor (Contractual)	Quality Cell Member	
27.	Dr. Saleh Ahmed Mozumder	Ph.D	Assistant Professor (Contractual)	Revision of Syllabus	

28.	Dr. Babar Ali Khan	Ph.D	Assistant Professor (Contractual)	B.Com (2 nd Sem) Class Coordinator	
29.	Dr. Waseem Khan	Ph.D	Assistant Professor (Contractual)	BBA (2 nd Sem) Section B Class Coordinator	
30.	Mr. Syed Zakir Hussain		Assistant Professor (Contractual)	BBA (Integrated 6 th Sem) Class Coordinator	
31.	Dr. Arif Anwar	Ph.D	Assistant Professor (Contractual)	Admission Committee Member, BBA (2 nd Sem) Section C Class Coordinator	
32.	Dr. Faheem Ahmad	Ph.D	Assistant Professor (Contractual)		

5. Detail of Adjunct/Visiting Professor:

Sl. No.	Name	Subject/Course	Specialization	Any other information
1.	Dr. Lamay Bin Sabir	Digital Transformation in OM (MBA 3 rd Sem), Production and Operation Management (BBA 3 rd Sem)	-	
2.	Dr. S.A. Atif Salar	Project Management (MBA 3 rd Sem)	-	
3.	Dr. Saleh Ahmed Mozumder	International HRM (MBA 3 rd Sem), Maintenance of Human Resources (BBA 5 th Sem), Business Environment (BBA 3 rd Sem)	HR	Joined Department of Management as an Assistant Professor (Contractual) on 18/1/2022
4.	Dr. Tasneem Fatima Khan	Forex Management and Currency Derivatives (MBA 3 rd Sem), E Commerce (MBA 3 rd Sem), Computer Applications in Business (B.Com (Hons.) 1 st Sem)	Finance	
5.	Dr. Mohammad Asif	Quantitative Techniques for Managers (BBA 5 th Sem), Business Statistics (B.Com (Hons.) 1 st Sem)	-	
6.	Dr. Mohd Yasir Arafat	Office Management (BBA 5 th Sem, Integrated MBA 5 th Sem)	Entrepreneurship	
7.	Dr. Kanishka Sethi	Quantitative Techniques for Managers (Integrated MBA 5 th Sem), Small Business and Entrepreneurship (BBA 3 rd Sem), Cost Accounting (B.Com (Hons.) 3 rd Sem), Financial Accounting (B.Com (Hons.) 1 st Sem), Macroeconomics (B. Com (H) 2 nd Semester), Business Mathematics (B. Com (H) 2 nd Semester)	Finance	
8.	Dr. Saad Bin Azhar	Business Ethics and Corporate Governance (BBA 3 rd Sem), Sales and Distribution Management (BBA 3 rd Sem)	-	

9.	Ms. Neha Makkar	Small Business and Entrepreneurship (BBA 3 rd Sem)	-	
10.	Dr. Farah Jabee	Environmental Studies (B.Com (Hons.) 3 rd Sem)	Environmental Science	
11.	Dr. Mohd Shafeeq	Quantitative Methods (MBA 1 st Sem), Income Tax (BBA 5 th Sem), Income Tax Law and Practice (B.Com (Hons.) 3 rd Sem)	-	Joined Department of Management as an Assistant Professor (Contractual) on 12/1/2022
12.	Dr. Faizan Khan Sherwani	Corporate Accounting (B.Com (Hons.) 3 rd Sem), Business Economics (BBA 1 st Sem), Business Law (B.Com (Hons.) 1 st Sem)	Finance	
13.	Dr. Rashida Hasan	Principles of Management (BBA 1 st Sem)	-	
14.	Dr. Refia Waqa	Business Communication (BBA 1 st Sem)	-	
15.	Dr. Faheem Ahmed	Marketing Management (BBA 1 st Sem), Business Organization (B.Com (Hons.) 1 st Sem)	Marketing	Joined Department of Management as an Assistant Professor (Contractual) on 10/1/2022
16.	Ms. Akriti Chugh	Business Economics (BBA 1 st Sem)	-	
17.	Ms. Laxmi	Environmental Management (BBA 1 st Sem)	-	
18.	Ms. Sana	Environmental Management (BBA 1 st Sem)	-	
19.	Mr. Anil Kumar	Environmental Management (BBA 1 st Sem)	-	
20.	Mr. Pankaj	Business Mathematics (BBA 1 st Sem)	-	
21.	Dr. Vardah Saghir	Management of Financial Services (MBA 3 rd Sem), Microeconomics (B.Com (Hons.) 1 st Sem)	Finance	Joined Department of Management as an Assistant Professor (Contractual) on 13/1/2022
22.	Mr. Syed Zakir Hussain	Management Information System (BBA 3 rd Sem), Management Information System (Integrated MBA 3 rd Sem), Management Principles and Practices (B. Com (H) 2 nd Semester)	-	Joined Department of Management as an Assistant Professor (Contractual) on 3/2/2022

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	MBA (General Management)	PG	120	111
2.	BBA	UG	180	284
3.	BBA- MBA Integrated	UG	60	Discontinued
4.	B.Com (H)	UG	60	79
5.	Ph.D	Doctoral	N.A.	27

7. Study programme discontinued during 2021-2022, if any:

Sl. No.	Name of course	Level (UG/ PG/ Doctoral)	Approved intake	Reason of discontinuance, if any
1.	BBA-MBA Integrated	UG	60	It was discontinued due to lack of infrastructure and shortage of faculties. Instead of it, BBA intake had been increased.

8. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship	Fellowship awarding agency
1.	Abdul Kayum	A Study for Leveraging Universal Service Obligation Fund Subsidy for Broader Digital Inclusion in India	Dr. Md. Shahnawaz Abdin	JH	Without	
2.	Aiman khan	Not Finalized	Dr. Syed Nadimul Haque	JH	Without	
3.	Akansha	Not Finalized	Dr. Mohammed Jamshed	JH	Without	
4.	Khushnuma Khan	To Study the Mining Process, Trend Analysis and Investor Perception toward Cryptocurrency	Dr. Matloob Ullah Khan	JH	Without	
5.	Mariya Ali	Not Finalized	Dr. Sadaf Siraj	JH	Without	
6.	Mohammed Junaid Rizvi	Not Finalized	Dr. Asad Ahmad	JH	Without	
.	Neha Sagar	Not Finalized	Dr. Syed Nadimul Haque	JH	Without	
8.	Preeti Sharma	Not Finalized	Dr. Syed Nadimul Haque	JH	Without	
9.	Rahisha	Not Finalized	Dr. Mohammed Jamshed	JH	Without	
10.	Raza Quadir	Not Finalized	Dr. Shikha Gera	JH	Without	
11.	Ruchi	Not Finalized	Dr. Nudrat Moini Rahman	JH	Without	
12.	Ayisha Shaikh	Not Finalized	Dr. Matloob Ullah Khan	JH	Without	
13.	Shikhil Domingo	Not Finalized	Dr. Abdullah	JH	Without	
14.	Shirly Rex	Not Finalized	Prof. (Dr.) Reshma Nasreen	JH	Without	

15.	Shweta Bansal	Not Finalized	Dr. Sadaf Siraj	JH	Without	
16.	Sundus Shafi	Not Finalized	Dr. Syeedun Nisa	JH	Without	
17.	Swati Garg	Not Finalized	Dr. Asad Ahmad	JH	With	UGC
18.	Abhinav Gupta	Not Finalized	Prof. (Dr.) Reshma Nasreen	JH	Without	
19.	Md. Alam Ansari	Not Finalized	Dr. Abdullah	JH		
20.	Fariya Akbar Ansari	Not Finalized	Dr. Syed Nadimul Haque	JH	Without	
21.	Kiran	Not Finalized	Prof. (Dr.) Reshma Nasreen	JH	Without	
22.	Mansi Ahuja	Not Finalized	Dr. Syeedun Nisa	JH	Without	
23.	Praveen Sewta	Not Finalized	Dr. Sana Beg	JH	Without	
24.	Seema Chaudhary	Not Finalized	Dr. Shikha Gera, Co-Supervisor- Dr. Prachi Bhatt	JH	Without	
25.	Swati	Not Finalized	Dr. Sadaf Siraj	JH	Without	
26.	Vikram Kumar Gedi	Not Finalized	Dr. Asad Ahmad	JH	Without	

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Narender Singh Negi	Prof. (Dr.) Reshma Nasreen
2.	Mohd. Shafeeq	Dr. Sana Beg
3.	Saurabh Kumar	Dr. Syeedun Nisa
4.	Yuvika Sumbly	Dr. Sadaf Siraj
5.	Rani Jaiswal	Dr. P.S. Raychadhuri

9. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	FDP on structural equation modelling and artificial neural networks in management research (Elementary level)	7th to 11th Dec'2021	ATAL	150

2.	FDP on structural equation modelling and artificial neural networks in management research (Advanced level)	13th to 17th December'2021	ATAL	150
3.	Induction 2021	4/10/2021- 13/10/2021		500

10. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Mr. Shah M Jamal	Aptech Global Learning Solution	The Power of Vision	4/10/2021
2.	Ms. Zehra Unawala	Union Hub Job	The Road towards the Career Path	5/10/2021
3.	Mr. Manish Shah	Motilal Oswal Securities Ltd.	Challenges of Emerging Leaders	6/10/2021
4.	Mr. Atish Bhattacharya	Greenlam Industries Ltd.	Role of Conceptual Knowledge in Actual Practice: A Game Changer	7/10/2021
5.	Mr. Mohammad Shoaib Alam	Silver Talent Services	Managerial Perception and Decision Making	8/10/2022
6.	Ms. Farida Mesivala	Happiness and Parenting Coach, Laughter Yoga Leader, CFP, and Rational Emotive Behaviour Counsellor	Managing Change: A Life Skill	11/10/2021
7.	Mr. Naqi Abbas	ENABLE Employability excellence	Stress Management: Coping Mechanism	12/10/2021
8.	Mr. Shadab Alam	Personality Development Trainer and Motivational Speaker	Upskilling and Reskilling: A need of budding Managers	13/10/2021
9.	Ms. Neha Kumar	Chegg Inc	I Can Do It!	14/10/2021
10.	Prof Mohammed Naved Khan	Aligarh Muslim University	Identifying Research Problem, Questionnaire Design	7/12/2021
11.	Dr Waseem Khan	GLA University	Sampling Techniques, Data Collection & Coding	7/12/2021
12.	Dr. Arif Anwar	Asian Business School	Exploratory and Confirmatory Factor Analysis using SPSS	7/12/2021
13.	Dr Md Danish Kirmani	Galgotias University	Introduction to Structural Equation Modeling	8/12/2021
14.	Dr Sunil Buddhi Raja	TISS, Mumbai	Addressing Endogeneity and Non-Response Bias	8/12/2021
15.	Dr Sunil Buddhi Raja	TISS, Mumbai	Validity and Reliability	8/12/2021
16.	Dr Md Danish Kirmani	Galgotias University	Confirmatory Factor Analysis (CFA) and Model Fit Indices	9/12/2021
17.	Dr. S M Fatah Uddin	BIMTECH	Path Analysis with Latent Variables	9/12/2021

18.	Dr. Mohd. Adil	NIT Hamirpur	Mediation and Moderation	9/12/2021
19.	Dr Ajay Kumar Chauhan	Research Shiksha	Multi-Group Analysis	10/12/2021
20.	Dr Asif Akhter	Aligarh Muslim University	Use of SEM in Different Domains of Management	10/12/2021
21.	Dr Rashid Ali	Aligarh Muslim University	Artificial Neural Network	10/12/2021
22.	Prof Jabir Ali	IIM Jammu	Research Paper Writing1	11/12/2021
23.	Prof M M Sufyan Beg	Aligarh Muslim University	Basic tenets of research	13/12/2021
24.	Dr Sunil Buddhi Raja	TISS, Mumbai	Validity and Reliability on SPSS & AMOS	13/12/2021
25.	Dr Sunil Buddhi Raja	TISS, Mumbai	Higher Order Constructs using SPSS	13/12/2021
26.	Dr Mohd Nasir	Lovely Professional University	Exploratory and Confirmatory Factor Analysis on SPSS and AMOS	14/12/2021
27.	Dr Vikas Kumar	IIM Sirmaur	Measurement Model and Path Analysis on AMOS	14/12/2021
28.	Dr Mohd Adil	NIT Hamirpur	Mediation and Moderation and Interaction Effects	14/12/2021
29.	Dr Ajay Kumar Chauhan	Research Shiksha	Measurement Invariance Analysis	15/12/2021
30.	Dr Ajay Kumar Chauhan	Research Shiksha	Heterogeneity, Prediction Oriented Segmentation on PLS	15/12/2021
31.	Dr Ajay Kumar Chauhan	Research Shiksha	Higher Order confirmatory Factor Analysis using PLS	16/12/2021
32.	Dr Mohd Adil	NIT Hamirpur	Mediation and Moderation using PLS	16/12/2021
33.	Dr Ajay Kumar Chauhan	Research Shiksha	Importance Performance Map Analysis on PLS	16/12/2021
34.	Dr Rashid Ali	Aligarh Muslim University	Artificial Neural Network	17/12/2021

11. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
3	Dr. Sana Beg	4		1	5	
5.	Dr. Syeedun Nisa	5		3		
6.	Dr. Noria Farooqui	1		3		
8.	Dr. Sadaf Siraj	2		4		
10.	Dr. Mohammad Jamshed	1				
11.	Dr. Asad Ahmand	2				

12.	Dr. Matloob Ullah Khan	3			
17.	Dr. Shikha Gera	2			
20.	Dr. Sna Farooqi	1			
21.	Dr. Faizan Khan Sherwani	1			
25.	Dr. Vardah Saghir	1			
29.	Dr. Waseem Khan	4		1	

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

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

- Dr Mohammed Jamshed- Expert Member Central Council for Research in Unani Medicine, Ministry of AYUSH, Govt. of India

B. Invited as keynote or plenary speaker.

Sl. No.	Name	Organization	Topic	Date
1.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Innovation and Creativity	31/8/2021
2.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Change Management	1/9/2021
3.	Dr. Md. Shahnawaz Abdin	Human Resource Development Centre, Jamia Millia Islamia	Roadmap of Excellence from Vision Strategy	6/9/2021
4.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Project Management	29/9/2021
5.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Total Quality Management	30/9/2021
6.	Dr. Md. Shahnawaz Abdin	Lok Sabha Secretariat, Parliamentary Research & Training Institute for Democracies (PRIDE)	Role of English in Communication Skills	12/10/2021
7.	Dr. Md. Shahnawaz Abdin	Lok Sabha Secretariat, Parliamentary Research & Training Institute for Democracies (PRIDE)	English for Official and Business Use	13/10/2021
8.	Dr. Md. Shahnawaz Abdin	Institute of Entrepreneurship Development, Uttar Pradesh (IEDUP)	Reforms in Ease of Doing Business	22/10/2021-24/10/2021
9.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Project Management	10/11/2021
10.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Total Quality Management	11/11/2021
11.	Dr. Md. Shahnawaz Abdin	Institute of Entrepreneurship Development, Uttar Pradesh (IEDUP)	Indian Industries and reverse Globalization	12/11/2021-14/11/2021

12.	Dr. Md. Shahnawaz Abdin	Lok Sabha Secretariat, Parliamentary Research & Training Institute for Democracies (PRIDE)	Effective Writing Skills	17/11/2021
13.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Total Quality Management	5/3/2022
14.	Dr. Md. Shahnawaz Abdin	National Centre for Good Governance (NCGC)	Innovation and Creativity	16/3/2022
15.	Dr. Syeedun Nisa	Mahatma Hansraj Faculty Development Centre, Hansraj College, Delhi University	Understanding Qualitative Research Methods	5/4/2021
16.	Dr. Syeedun Nisa	Commacad	Introduction to Qualitative Research” at e-workshop on Qualitative Analysis with N-VIVO	24/4/2021
17.	Dr. Syeedun Nisa	The Oriental Insurance Company Limited	Women Empowerment: Need of the Hour	21/10/2021
18.	Dr. Syeedun Nisa	The Oriental Insurance Company Limited	Women Mental Health during Covid	21/10/2021
19.	Dr. Syeedun Nisa	AICTE Training & Learning	Introduction to PLS-SEM, Non Linearity and Endogeneity Issues on PLS	15/12/2021
20..	Dr. Sadaf Siraj	The Oriental Insurance Company Limited	Personality Assessment & Stress Management	22/10/2021
21.	Dr. Sadaf Siraj	The Oriental Insurance Company Limited	Dual Role of Working Hours	22/10/2021
22.	Dr. Sadaf Siraj	The Oriental Insurance Company Limited	Effective Communication for Enhanced Productivity	17/01/2022
23.	Ms. Manpreet Kaur Kohli	Mirwais Neeka Institute of Higher Education	HR Innovation and Future of Employment	20/6/2021
24.	Ms. Manpreet Kaur Kohli	The Oriental Insurance Company Limited	Personal Effectiveness through Work Engagement and Mindfulness during the Covid Era.	21/10/2021
25.	Dr. Shikha Gera	NTPC	Strategic Management and Leadership	6/4/2021-7/4/2021
26.	Dr. Shikha Gera	Oriental Insurance	Building Positive Capacities in times of COVID	22/10/2021
27.	Dr. Shikha Gera	NGO-Kilkaari Bachpan Ki	Motivation	24/12/2021
28.	Dr. Shikha Gera	Al-Barkaat Institute of Education	Student Professional Development	27/12/2021

13. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed
1.	BYJU'S – The Learning App	10
2.	iTech Ecommerce LLP	2
3.	Milinstone integrated	4
4.	Ayro Retail Solutions Private Limited	2
5.	Lido learning	3
6.	Country delight	3
7.	M/s Medi Pack India	3
8.	British Airways	1
9.	Urban LAB	3
10.	BSCIC Certifications	1
11.	Den Networks	2
12.	K.C.Plywood	1
13.	Retailio	2
14.	Infoedge	4
15.	BSPL	2
16.	ING Partners	2
17.	ZIPloan	2
18.	Ally Venture Ltd.	5
19.	BHL Formulation	1
20.	Sundyota Numandis	2
21.	Lido learning	3
22.	TA Digital	2
23.	Greatlakes E Learning	2
24.	DXC Technology	2
25.	Evalueserve	2
26.	Vimal Raj Outsourcing Pvt Ltd.	1
27.	FICCI Research and Analysis Center2	3
28.	Superb Entp Pvt Ltd	4

DEPARTMENT OF HEALTHCARE & PHARMACEUTICAL MANAGEMENT

1. **School** : School of Management & Business Studies
2. **Department /Centre** : Healthcare & Pharmaceutical Management
3. **Head of the Department** : Prof. N. Ravichandran
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Prof. Shibu John	PHD	Professor	Dean
2	Dr. (Prof.) N. Ravichandran	PHD	Professor	HoD
3	Dr. P. S. Raychaudhuri	PHD	Assistant Professor	Admission Panel member of GD/PI
4	Dr. Sakhi John	PHD	Assistant Professor	Co-ordinator Health and Hospital Mgt; Admission Panel member of GD/PI Member; Grievance Committee; BOS Member; AC Member
5	Dr. Mohd. Faisal Khan	PHD	Assistant Professor	
6	Dr. Iffat Naseem	PHD	Assistant Professor	
7	Mr. Ubada Aqeel	MBA	Assistant Professor	Member of Central Admission Committee; Member of NAAC Criteria 3; Member of Sports Club; Verifying Officer of MBA PM Admission; Panel member of GD/PI; Co-ordinator of MBA PM
8	Ms. Arshiya Farooqui	MBA	Assistant Professor	Verifying Officer of MBA HM; Admission Panel member of GD/PI; Deputy Superintendent of Examination; Academic Coordinator; Tabulator
9	Dr. Jwaad Akhtar Khan	PHD	Assistant Professor	Admission Co-ordinator; Placement Co-ordinator; Tabulator; Admission Panel member of GD/PI ; AFO (Honorary)

10	Dr. Saad Bin Azhar	PHD	Assistant Professor (Contractual)	PhD Co-ordinator; Deputy Superintendent of Examination; Verifying Officer of PhD Admission ; Panel member of GD/PI; Appointed as member of Research Committee for delivering lecturers to PhD Scholars; Member of Flying Squad; Done CO/PO mapping for MBA HM and PM syllabus
----	--------------------	-----	-----------------------------------	---

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	MBA Public Health and Hospital Administration	PG	60	60
2.	MBA PM	PG	60	62
3	PhD(regular and part-time)	Doctoral	As per the vacant position	18

6. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship
1	Aarti	Title:- An assessment of climate change and its diverse effects on public health of industrial workers and non industrial areas	Dr. P. S. Raychaudhri	JH	without fellowship
2	Amina Mohammad Ejaz Jamil	Tentative Title:- "A study to assess the doctor patient relationship and the behavior of the patient to enhance patient reported outcome and patient centricity"	Dr. Shahnawaz Abidin	JH	without fellowship
3	Anisur Rahman	Broad Subject:- "Health system resilience in ensuring availability of essential health services for attaining Universal Health Coverage with special focus on primary health care among urban poor in Delhi NCR	Dr. Sakhi John	JH	without fellowship

4	Hansprabha Mudgal	Braod Subject:- Safety assessment of Nutraceuticals on the basis of NGRA (ext generation risk assessment) approaches	Prof. Shibu John	JH	without fellowship
5	Ibra Fargha	Braod Subject:- Analysing the overall experience of pregnancy: an empirical study to understand the psycho-emotional states of workign and non working women	Prof. Shibu John	JH	without fellowship
6	Jaya Sharma	Braod Subject:- Healthcare & Pharmaceutical Management	Dr. Iffat Naseem	JH	without fellowship
7	Lubna Khan	Braod Subject: Health system strengthening through AYUSH an intergrative system	Prof. N. Ravichandran	JH	without fellowship
8	Md. Akbar Hussain	Braod Subject:- Supply Chain Management of Essential Drugs at Public Health Facilities in a State	Prof. N. Ravichandran	JH	without fellowship
9	Mohd. Khatteb Arshi	Braod Subject:- Medical Tourism- Impact of service quality, satisfaction and trust on the loyalty of foreign patients visiting India	Dr. Jwaad Akhtar Khan	JH	without fellowship
10	Reena	Braod Subject:- Maternal and Child Health	Dr. Mohd. Faisal Khan	JH	without fellowship
11	Shuchi Garg	Braod Subject:- To study the market trends relating to the uprise in the use of Herbal Medicinal Formulations and conventional medicine during Covid-19 pandemic	Prof. Shibu John	JH	without fellowship
12	Tanu Sri Sahu	Tentetive title Analysis of factors influencing the Mental health of Children (of age group 1-5) in India. A Cross Sectional Study”	Dr. P. S. Raychaudhri	JH	without fellowship

13	Thomas Shery M.A	Braod Subject: Value Based Healthcare	Dr. P. S. Raychaudhri	JH	without fellowship
14	Varsha Sinha	Braod Subject: technology Driven Medical care for Post surgical patients	Prof. Shibu John	JH	without fellowship
15	Aditi	Title for the Study- A Study on social entrepreneurs in creating awareness of Childhood nutrition, health and diabetes among children and their parents in Delhi NCR.	Dr. P. S. Raychaudhri	JH	without fellowship
16	Mohammed Shadab Alam	Strengthening Indian Public Health System through various digital Platform with special reference to primary health care services in the rural areas of Uttar Pradesh	Dr. Sakhi John	JH	without fellowship
17	Sumbul Jafri	Braod Subject:- Area of research-Exploring the association between nutritional status and developmental status of anganwadi going preschoolers	Dr. Noria Farooqui	JH	without fellowship
18	Areeba Furquan	A Study on PPP Model & its impact on Health equity : A systematic approach to Healthcare delivery in Delhi/NCR Region	Prof. N. Ravichandran	JH	without fellowship

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Ms. Ishrat Rasool	Dr. P. S. Raychaudhuri
2.	Ms. Rani Jaiswal	Dr. P. S. Raychaudhuri

7. Sponsored projects

A. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/Other staff appointed in the scheme)
			Start date	End date	Current status	
2018-19	Ravichandran	Economic Envelopment Analysis of AYUSH ICSSR Rs.8.6 lacs	November 2019		Ongoing	Two

8. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	N Ravichandran	2			2	1
2.	Dr. P. S. Raychaudhuri	01		02		
3.	Dr. Saad Bin Azhar	01				

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

Invited as keynote or plenary speaker.

N.Ravichandran	Promoting Humanity around Pharma Branding	Pre-Brand Managers Day	National level	January 2, 2021	Pharma State Academy, Hyderabad
N.Ravichandran	Implementation Challenges and Constraints in Life Long Learning	Interdisciplinary in Higher Education under New Education Policy 2020: Role of Life Long Learning.	National level	June 11, 2021	Department of Adult, Continuing Education and Extension, University of Delhi

10. Students achievements

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

1. Priya Narula – UGC NET - February 2022

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed
1	Mediqop	2
2	Mylan Lab.	2
3	Peter Surgicals	1
4	Gracure Pharmaceutical	1
5	Meril	3
6	Cadila	3
7	Pharmace	1
8	Blueweaves	1
9	Clarivate	2
10	Practo Technology	3
11	WNS Research	2
12	ZS Associates	1
13	Delveinsight	2
14	Prescient Healthcare	2
15	Data Bridge Research	1
16	EYE-Q Hospital	2
17	Sharda Hospital	5
18	Kailash Hospital	4
19	Star Care Hospital	4
20	Veritas Hospital	2
21	Paras Hospital	2
22	Yashoda Hospital	2
23	Vatika Hospial	2
24	Vasan Eye Care	4
25	Wings Biotech	2
26	Pratiksha Hospital	2
27	Ikris Pharma	4
28	Remedo Healthcare	1
29	Systopic Laboratories	1
30	Unimrkt Pharma	2
31	Mankind Pharma	1
32	Eris Lifescience	2
33	Widex India	1
34	Coventic Pharma	1
35	Novo Nordisk	1
36	Capler Healthcare	8
37	Fusion healthcare	1
38	GSK	2

DEPARTMENT OF HOTEL MANAGEMENT

1. **School** : School of Management & Business Studies
2. **Department /Centre** : Hotel Management
3. **Head of the Department** : Prof. (Dr.) Reshma Nasreen
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr. Abhishek Kumar	PhD.	Assistant Professor	Coordinator of the Department
2	Ms. Riya Yadav	P.G.	Assistant Professor	

5. Detail of Adjunct/Visiting Professor

Sl. No.	Name	Course	Specialization
1.	Ms. Priyanka Verma	BHM	Accommodation Operation
2.	Ms. Mousami Das Gupta	BHM	Food Production

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	Bachelor of Hotel Management	UG	50	44

7. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr. Abhishek Kumar	2				



SCHOOL OF ENGINEERING SCIENCES AND TECHNOLOGY

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

The Department of Computer Science & Engineering in the School of Engineering Sciences & Technology started in 1997, and it has grown now into a vibrant center of teaching and research. The Department not only offers Under Graduate (UG) and Post Graduate (PG) Programmes in Computer Science & Engineering / Computer Application / IT / ECE / Data Science/ Cyber Forensics & Information Security but is also engaged in high-quality research activities leading to Ph.D. degree in different thrust areas of computer science and engineering and intradisciplinary areas viz. Big Data, Soft Computing, IoT, Neural Network, Artificial Intelligence, Fuzzy Logic, Software Engineering, Data Mining, Information Security, Cyber laws, Cyber Forensics, Computer Architecture, Graph Theory, Computer Networks, Distributed System, Discrete Structure, Robotics, Machine Intelligence, Telecommunication, Mobile Computing, DBMS, Algorithms, VLSI Design etc. to list a few. Department has made a lot of contributions towards these areas in the form of publications in

journals/conference-proceedings/books/sponsored research and collaboration with the industry.

The department has a huge infrastructure to provide facilities to our students. The department has several smart cluster rooms fully equipped with state of art of technology. It also has 2 computer labs with the latest PCs having an i5 processor with 8 GB RAM and 1 TB storage. The computer lab is fully equipped with the latest Open Source Software as per our curriculum requirement running on Ubuntu OS. Several PC's in Computer Lab at 1st floor runs on Windows OS having required software for academics. The Department also has a Research Lab (2nd Floor, Department of CSE) for our Ph.D. students. These labs are fully equipped with Air Conditioning and CCTV cameras have been installed too. The department has 1 Conference Room with a seating capacity of more than 100 for conducting departmental meetings and student seminars. In ECE domain, we have basic and advanced Electronics & Communication Labs

according to the required curriculum. These labs include Analog & Digital Labs, Embedded Systems Lab, FPGA Development kits, DSP Lab, Satellite & Microwave Lab, Digital Design Lab etc. The ECE labs have software as per the academic curriculum and these labs are equipped with updated and advanced instruments. The department also has high-end computing and Artificial Intelligence Lab.

The students are provided internships and trainings via the MoU's signed with several setups like the AICTE's Internshala Scheme, Co-Cubes and RnF (for Campus placements), and ETrain India Pvt. Ltd for conducting seminars/workshops which are Microsoft/Adobe certified. These certifications open an arena of opportunities which are unmatched for.

The campus placements (On-site or Off-site) have big giants in the industry like TCS, Wipro, HCL, Fiserv, RnF, and Ericsson to name a few which recruit students and they prove to be assets to the industry. Student chapters of International Professional bodies like IEEE, and National like CSI, ISTE, and IETE are to the credit of the Department. These open avenues are wide and enable students to enhance their technical skills. These also help the students to showcase their talent with several non-technical events organized from time to time. Besides exemplary academic record our department also has an MoU with Reaching Sky

Foundation (an NGO) which targets the social causes and perform several programs that fall under Unnat Bharat, Govt. of India, scheme.

The department has a pool of highly qualified teachers and technical staff members as per UGC/AICTE norms. Several teachers of the department have been awarded/granted National and International patents. The vibrancy of research programs at the department is accentuated by the high - quality publications including books, book chapters, scientific papers and research articles in highly reputed indexed journals with indexing services like SCI, SCIE, SCOPUS and Springer. In addition, Research projects from several govt. agencies like UGC, DST, DBT, DIT, AICTE are to the credit of the faculty members. The department also has an Entrepreneurship cell (E-cell) which motivates the students to think about innovations in day to day life. To sensitize students of the department about societal issues related to women, it has an active Women-cell which conducts activities related to women and girl students. An Institution Innovation cell approved by the MHRD's Innovation cell, Govt. of India has been bestowed upon to the institution. The department has been recognized by the Department of Science and Technology with a grant approved under the FIST scheme.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. **School** : School of Engineering Sciences and Technology
2. **Department /Centre** : Computer Science & Engineering
3. **Head of the Department** : Dr. Farheen Siddiqui
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Prof. M Afshar Alam	Ph.D	Professor	Vice Chancellor
2	Dr. Farheen Siddiqui	Ph.D	Associate Professor	Head of the Department
3	Dr. Sameena Naaz	Ph.D	Associate Professor	
4	Dr. Parul Agarwal	Ph.D	Associate Professor	IQAC Internal Committee Member
5	Dr. Harleen Kaur	Ph.D	Associate Professor	
6	Dr. Ihtiram Raza Khan	Ph.D	Assistant Professor	
7	Dr. Jawed Ahmed	Ph.D	Assistant Professor	Deputy FSA
8	Ms. Shabina Ghafir	M.Tech.	Assistant Professor	
9	Dr. Bhavya Alankar	Ph.D	Assistant Professor	
10	Dr. Safdar Tanweer	Ph.D	Assistant Professor	
11	Dr. Mohd. Abdul Ahad	Ph.D	Assistant Professor	Assistant Director, CTSI
12	Dr. Suraiya Parveen	Ph.D	Assistant Professor	
13	Dr. Md. Tabrez Nafis	Ph.D	Assistant Professor	Assistant Proctor
14	Mr. Syed Sibtain Khalid	M.Tech	Assistant Professor	
15	Mr. Tabish Mufti	MCA	Assistant Professor	
16	Dr. Siddhartha Sankar Biswas	Ph.D	Assistant Professor	
17	Ms. Gautami Tripathi	M.Tech	Assistant Professor	
18	Mr. Aqeel Khalique	M.Tech	Assistant Professor	
19	Ms. Anam Saiyeda	M.Tech	Assistant Professor	
20	Dr. Sapna Jain	Ph.D.	Assistant Professor	
21	Dr. Richa Gupta	Ph.D.	Assistant Professor	
22	Dr. Sherin Zafar	Ph.D.	Assistant Professor	Assistant Director, CTSI
23	Mr. Zeeshan Ali Haq	M.Tech	Assistant Professor	Member, Central Admission Committee
24	Dr. Imran Hussain	Ph.D.	Assistant Professor	Member, Central Admission Committee
25	Mr. Faraz Doja	M.Tech	Assistant Professor	
26	Dr. Samar Wazir	Ph.D.	Assistant Professor	
27	Mr. Nafisur Rahman	M.Tech	Assistant Professor	

28	Ms. Neha	M.Tech	Assistant Professor	
29	Dr. Uzma Akhtar Khan	Ph.D.	Assistant Professor	
30	Dr. Shah Imran Alam	Ph.D.	Assistant Professor	
31	Mr. Naved Alam	M.Tech	Assistant Professor	
32	Dr. Amit Bhooshan Singh	Ph.D.	Assistant Professor	
33	Mr. Piyush Kumar Gupta	M.Tech	Assistant Professor	
34	Ms. Nida Iftkhar	M.Tech	Assistant Professor	
35	Mr. Syed Ali Mehdi	M.Tech	Assistant Professor	
36	Mr. Tabrej Ahmad Khan	M.Tech	Assistant Professor	
37	Ms. Pooja Gupta	M.Tech	Assistant Professor	
38	Dr. Sohrab Ali	Ph.D.	Assistant Professor	
39	Ms. Ayesha Kamal		Assistant Professor	
40	Ms. Taqdees Fatima.		Assistant Professor	
41	Ms. Refia Wiquar		Assistant Professor	
42	Dr. Mohd. Shadab Alam	Ph.D.	Assistant Professor	
43	Dr. Shahab Saquib Sohail	Ph.D.	Assistant Professor	
44	Dr. Neha	Ph.D.	Assistant Professor	
45	Ms. Samia Khan	M.Tech	Assistant Professor	
46	Mr. Md. Omair Ahmad	M.Tech	Assistant Professor	
47	Dr. Naseem Rao	Ph.D.	Assistant Professor	
48	Dr. Shakeel Ahmad Siddiqui	Ph.D.	Assistant Professor	
49	Ms. Asfia Aziz		Assistant Professor	
50	Dr. Md. Aslam Parwez	Ph.D.	Assistant Professor	
51	Dr. Akbar Ali	Ph.D.	Assistant Professor	
52	Dr. Nazia Tabassum	Ph.D.	Assistant Professor	
53	Mr. Abdul Manazir		Assistant Professor	
54	Mr. Mohd. Nazim	M.Tech	Assistant Professor	
55	Dr. Javed Ahmad	Ph.D.	Assistant Professor	

5. Detail of Adjunct/Visiting Professor

Sl. No.	Name	Subject/Course	Specialization
1	Dr.Hanif Qureshi	Computer Science	Machine Learning
2	Prof. Valentina Emilia Balas	Computer Science	Artificial Intelligence
3	Prof. Nevine Makram Labib	Computer Science	Image Processing
4	Prof. Gulsun Meric	Computer Science	Cloud Computing
5	Dr. Eiad Yahi	Computer Science	Fuzzy Theory

6. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B.Tech. (Computer Science & Engineering)	UG	240	241
2	B.Tech. (Computer Science & Engineering) Lateral Entry	UG	24 (10% of Approved Intake)	22
3	M.Sc. (Computational & System Biology and Bioinformatics)	PG		02
4	B.Tech. (Computer Science & Engineering) (Artificial Intelligence)	UG	60	65
5	B.Tech. (Electronics and Communication Engineering)	UG	60	34
6	B.Tech. (Electronics and Communication Engineering) Lateral Entry	UG	06 (10% of Approved Intake)	06
7	BCA/B.Sc. (IT)	UG	180	233
8	M.C.A.	PG	60	56
9	M.Tech (CSE) (Regular)	PG	Total Seats = 60	12
10	Master of Technology (CSE) with specialization in Cyber Forensics & Information Security	PG		07
11	Master of Technology (CSE) with specialization in Data Sciences	PG		04
12	M.Tech (CSE) Part-Time	PG	60	13
13	Ph.D.(CSE)	Doctoral	10	
14	Ph.D.(CS)	Doctoral	8	
15	Ph.D.(CSE) - Part Time	Doctoral	9	
16	Ph.D.(CS) - Part Time	Doctoral	10	

7. New study programme(s) launched during 2021 – 2022 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	M. Sc. (Computational & System Biology, and Bioinformatics)	PG	2	

8. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1	Computer Lab	For Computer Practical and Research (by FIST grant)
2	Computer Lab	For Computer Practical and Research (by DST Purse grant)

9. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Aanchal Yadav	Machine Learning	Dr. Parul Agarwal Dr. Suraiya Parveen & Dr. Sherin Zafar	JH	Without Fellowship	N/A
2	Ahmad Talha Siddiqui	Health care and machine learning	Dr. Sameena Naaz Dr. Safdar Tanweer & Dr. Harleen Kaur	JH	Without Fellowship	N/A
3	Alka Upadhyay	Cyber risk analysis and mitigation in e governance	Dr. Sameena Naaz Dr. Samar Wazir & Dr. Vinay Thakur	JH	Without Fellowship	N/A
4	Ambooj	Smart healthcare	Dr. Ihtiram Raza Khan Dr. Parul Agarwal & Dr. Harleen Kaur	JH	Without Fellowship	N/A
5	Amit Kumar	APPLIED MACHINE LEARNING, IoT	Dr. Bhavya Alankar Dr. Jawed Ahmed & Dr. Harleen Kaur	JH	Without Fellowship	N/A
6	Arshuma Roohi	Big data	Dr. Farheen Siddiqui Dr. Sherin Zafar & Dr. Sapna Jain	JH	Without Fellowship	N/A
7	Bhupesh Kr Gupta	Survival Prediction of Prostate Cancer patient using machine learning	Dr. Bhavya Alankar Dr. Parul Agarwal & Dr. Harleen Kaur	JH	Without Fellowship	N/A
8	Faiza Saghir	Machine learning	Dr. Md. Tabrez Nafis Dr. Mohd Abdul Ahad & Dr. Safdar Tanweer	JH	Without Fellowship	N/A
9	Geeta Arneja	Applied Machine Learning	Dr. Harleen Kaur Dr. HarmeetKaur(DU) & Dr. Ihtiram Raza Khan	JH	Without Fellowship	N/A
10	Jai Shankar	Green Cloud Computing	Dr. Imran Hussain Dr. Sherin Zafar & Dr. Ihtiram Raza Khan	JH	Without Fellowship	N/A
11	Mehroush Banday	Efficient Automated Deadly Disease Diagnosis Using Machine Learning Models	Dr. Sherin Zafar Prof. M Afshar Alam & Dr. Parul Agarwal	JH	Without Fellowship	N/A
12	Mohammad Yousuf Khan	Machine Learning	Dr. Harleen Kaur Dr. SiddharthaSankar Biswas & Prof. Shibu John	JH	Without Fellowship	N/A
13	Mohd Hamzah Khan	Cloud computing	Dr. Harleen Kaur Dr. SameenaNaaz & Dr. Bhavya Alankar	JH	Without Fellowship	N/A

14	Nadia Ansar	Strengthening Cyber Security in IOT- System	Dr. Suraiya Parveen Dr. Ihtiram Raza Khan & Dr. BhavyaAlankar	JH	Without Fellowship	N/A
15	Naved Ahmad	Design and development of data analytics for Bigdata	Dr. Ihtiram Raza Khan Dr. SuraiyaParveen & Dr. SiddharthaSankar Biswas	JH	Without Fellowship	N/A
16	Rahul Kohli	A Comparative study and implementation in architecture design in artificial intelligence foreffective decision making in manufacturing industry.	Prof M. Afshar Alam Dr. SameenaNaaz & Dr. Farheen Siddiqui	JH	Without Fellowship	N/A
17	Shamim Ahmad	Artificial Intelligent Techniques for NLP	Dr. Parul Agarwal Dr. SameenaNaaz & Dr. Bhavya Alankar	JH	Without Fellowship	N/A
18	Sheema Zia	cyber security	Dr. Sapna Jain Dr. SuraiyaParveen & Dr. Samar Wazir	JH	Without Fellowship	N/A
19	Sheenam Naaz	Design and development of authentication modelfor secure communication in IOT-blockchain enabled Smart city applications	Dr. Suraiya Parveen Dr. Safdar Tanweer and Dr. Ihtiram Raza Khan	JH	Without Fellowship	N/A
20	Sheetal Singh	Quantum computing and blockchain technology	Dr. Jawed Ahmed Dr. Kamlesh Kumar Raghuvanshi& Dr. Parul Agarwal	JH	Without Fellowship	N/A
21	SM Faizamut Tauhid	Machine Learning	Dr. Safdar Tanweer Dr. Md. Tabrez Nafis& Dr. Mohd Abdul Ahad	JH	Without Fellowship	N/A
22	Surendra	artificial intelligence and machine learning	Dr. Samar Wazir Dr. Md. Tabrez Nafis& Dr. Suraiya Parveen	JH	Without Fellowship	N/A
23	Urvashi	IoT	Dr. Parul Agarwal Dr. Kamlesh Kumar Raghuvanshi& Dr. Jawed Ahmed	JH	Without Fellowship	N/A
24	Vaibhav Pratap Singh	To decrease/overcome the performance delay forTelecom CORE nodes by use of Machine Learning	Dr. Siddhartha Sankar Biswas Dr. Safdar Tanweer & Dr. BhavyaAlankar	JH	Without Fellowship	N/A

25	Sushmita Alam	Application of AI on Healthcare	Dr. Sameena Naaz Dr. Mainak Biswas & Dr. Farheen Siddiqui	JH	Without Fellowship	N/A
26	Tanu Sharma	machine learning, cloud computing	Dr. Farheen Siddiqui Dr. Jawed Ahmed & Dr. Khyati Chopra	JH	Without Fellowship	N/A
27	Faraz Doja	Data Science	Dr. Mohd. Abdul Ahad Dr. Sameena Naaz & Dr. Md. Tabrez Nafis	JH	Without Fellowship	N/A
28	Syed Sibtain Khalid	Image Processing	Dr. Safdar Tanweer Dr. Farheen Siddiqui & Dr. Mohd. Abdul Ahad	JH	Without Fellowship	N/A
29	Nafisur Rahman	Soft Computing (broad area)	Dr. Farheen Siddiqui Dr. Jawed Ahmad & Dr. Md. Tabrez Nafis	JH	Without Fellowship	N/A
30	Aqeel Khalique	Security and Privacy	Dr. Mohd. Abdul Ahad Dr. Farheen Siddiqui & Dr. Imran Hussain	JH	Without Fellowship	N/A
31	Md. Rahbre Islam	Prediction of disease(cancer,TB,CVD etc. using Machine Learning Techniques)	Dr. Safdar Tanweer Dr. Imran Hussain & Dr. Md. Tabrez Nafis	JH	Without Fellowship	N/A
32	Ashiya Zabeen	Smart Cities & Security	Dr. Mohd. Abdul Ahad Dr. Farheen Siddiqui & Dr. Sameena Naaz	JH	Without Fellowship	N/A
33	Md. Omair Ahmad	Artificial Intelligence enabled Biomedical signal analysis	Prof. Afshar Alam Dr. Jawed Ahmad	JH	Without Fellowship	N/A
34	Tabrej Ahmad Khan	Data analysis	Dr. Imran Hussain Dr. Mohd Abdul Ahad & Dr. Sidhartha Biswas	JH	Without Fellowship	N/A
35	Abdullah Shariq	Blockchain	Dr. Imran Hussain Dr. Mohd. Abdul Ahad & Dr. Md. Tabrez Nafis	JH	Without Fellowship	N/A
36	Amit Bansal	AI & ML	Dr. Siddhartha Sankar Biswas Dr. Md. Tabrez Nafis & Dr. Suraiya Parveen	JH	Without Fellowship	N/A

37	Arif Khan	Analyzing Vulnerability pattern for Improving Security of Web-Applications: Design & SecureCoding Perspective	Dr. Siddhartha Sankar Biswas Dr. HarleenKaur & Dr. Bhavya Alankar	JH	Without Fellowship	N/A
38	Ayesha Hena Afzal	Machine learning	Prof. M Afshar Alam Dr. Sherin Zafar & Dr. Ozair Alam	JH	Without Fellowship	N/A
39	Esha Saxena	Implementing AI / ML on Medical Data. (Kidney orIntestine diseases)	Dr. Suraiya Parveen Dr. Mohd. Abdul Ahad & Dr. Meenakshi Yadav	JH	Without Fellowship	N/A
40	Lavkush Gupta	Artificial intelligence	Dr. Richa Gupta Dr. ParulAgarwal and Dr. SuraiyaHussain	JH	Without Fellowship	N/A
41	Lubna Kalam	Cloud computing	Dr. Ihtiram Raza Khan Dr. HarleenKaur & Dr. Bhavya Alankar	JH	Without Fellowship	N/A
42	Mirza Equtidar Husain	Database Technology	Dr. Imran Hussain Dr. Safdar Tanweer & Dr. IhtiramRaza Khan	JH	Without Fellowship	N/A
43	Moazzam Ali	Artificial Intelligence	Dr. Samar Wazir Dr. Mohd. Abdul Ahad & Dr. Md. Tabrez Nafis	JH	Without Fellowship	N/A
44	Shilpi Taneja	Applications of Soft Computing	Dr. Siddhartha Sankar Biswas Dr. HarleenKaur & Dr. Bhavya Alankar	JH	Without Fellowship	N/A
45	Tasleem Nizam	Explainable Artificial Intelligence	Dr. Sherin Zafar Dr. Siddhartha Sankar Biswas & Dr. Imran Hussain	JH	Without Fellowship	N/A
46	Zow Afshan	Water monitoring system	Dr. Sherin Zafar Dr. Safdar Tanweer & Dr. SamarWazir	JH	Without Fellowship	N/A
47	Ms. Shabina Ghafir	Developing an Algorithm for Efficient LoadBalancing in Cloud Environment	Prof. M Afshar Alam Dr. SameenaNaaz & Dr. Farheen Siddiqui	JH	Without Fellowship	N/A
48	Ms. Insha Naz	Green Approach for Load Balancing in Cloud usingSoft Computing Techniques.	Dr. Sameena Naaz Dr. Dr. ParulAgarwal & Dr. Bhavya Alankar	JH	Without Fellowship	N/A

49	Mr. Awwab Mohammad	Mental Task Classification Using Deep Learning Methods	Dr. Farheen Siddiqui Prof. M Afshar Alam	JH	Without Fellowship	N/A
50	Mr. Abdul Majid Farooqi	Innovation of Fog Computing Model for Smart City Sustainable Development	Prof. M. Afshar Alam Dr. Imtiyaz Hasan	JH	Without Fellowship	N/A
51	Ms. Roshan Jameel	An Effective Framework for Data Management in Cloud Environment.	Dr. Harleen Kaur Prof. M Afshar Alam	JH	Without Fellowship	N/A
52	Ms. Lubna Ansari	To Develop Cloud Driven Architecture Model of Governance for Sustainable Development in Smart Cities: Indian Perspective.	Prof. M Afshar Alam Dr. Abdul Ahad & Dr. Tabrez Nafis	JH	Without Fellowship	N/A
53	Ms. Sanna Mehraj Kak	A Novel Model to Minimize Energy Consumption in a Cloud Computing Environment.	Dr. Parul Agarwal Prof. M Afshar Alam	JH	Without Fellowship	N/A
54	Mr. Mirza Rahil Beg	Security and Privacy issues in Recommender Systems	Prof. M Afshar Alam Dr. Jawed Ahmed & Dr. Sambuddho Chakravarty	JH	Without Fellowship	N/A
55	Mr. Akshay Chamoli	Design and Implementation of Image Encryption Model for Secure Data Transmission	Dr. Jawed Ahmed Prof. M Afshar Alam & Dr. Bhavya Alankar	JH	Without Fellowship	N/A
56	Mr. Mehtab Alam	Artificial Intelligence Based Smart IoT Framework	Dr. Ihtiram Raza Khan Dr. Farheen Siddiqui & Dr. Safdar Tanweer	JH	Without Fellowship	N/A
57	Mr. Md. Onais Ahmad	An Efficient Framework for Secure and Privacy Preserved Smart Cities	Dr. Mohd Abdul Ahad Prof. M Afshar Alam & Dr. Farheen Siddiqui	JH	Without Fellowship	N/A
58	Mr. Javed Azmi	Internet of Medical Things Based Intelligent Healthcare System	Dr. Md Tabrez Nafis Prof M Afshar Alam & Dr. Safdar Tanweer	JH	Without Fellowship	N/A
59	Ms. Kahksha	Machine learning based screening of single selective agonist compounds of natural origin and virtual screening based pharmacophore modeling and dynamic simulation against diabetes.	Dr. Ozair Alam Prof. M Afshar Alam & Dr. Sameena Naaz	JH	Without Fellowship	N/A

60	Atif Faridi	A Novel Approach for Detecting Incidents in VideoFeeds	Dr. Farheen Siddiqui Dr. Abdul ahad & Dr. Md. TabrezNafis	JH	With Fellowship	Visvesvaraya Scheme
61	Sushila	Development of Healthcare models Using Artificial Intelligence: Disease Prediction and Diagnosis Perspective	Dr. Suraiya Parveen Prof. M. Afshar Alam& Dr. JawedAhmed	JH	With Fellowship	Visvesvaraya Scheme
62	Zeba	To study & analyse Innovation Policy Transformation under the Purview of Strategic ICTTechnologies	Dr. Harleen Kaur Dr. IhtiramRaza Khan/ Dr. BhavyaAlankar	JH	With Fellowship	Visvesvaraya Scheme
63	Mona Tartare	An Implementation and Design of Architecture ofSmart building for Energy Management.	Dr. Parul Agarwal Prof. AfsharAlam & Dr.Jawed Ahmed	JH	Without Fellowship	N/A
64	Mr. Hemant Kumar	Towards exploring smart energy solutions for a smart city using Machine Learning and AI	Dr. Safdar Tanweer Dr. Parul Agarwal & Dr. ShahabSaquib Sohail	JH	Without Fellowship	N/A
65	Mr. Manish Kumar Singh	Computational Study of Fake News Detection onSocial Media in Indian Perspective (Proposed)	Dr. Jawed Ahmed Prof. M Afshar Alam & Dr. Kamlesh Kumar Raghuvanshi	JH	Without Fellowship	N/A
66	Ms. Neha Kumari	Computational Study and Impact of Physical and Psychological traits of Indian Population in contextof Pre-Post COVID-19	Dr. Jawed Ahmed Dr. Parul Agarwal & Dr. Kamlesh Kumar Raghuvanshi	JH	Without Fellowship	N/A
67	Ms. Preeti	Issues and Challenges in Cloud computing security	Dr. Bhavya Alankar Dr. Suraiya Parveen & Dr. Syed Shahabuddin Ashra	JH	Without Fellowship	N/A
68	Afshan Hashmi	Machine learning	Dr. Md Tabrez Nafis Dr. SameenaNaaz & Dr. Imran Hussain	JH	Without Fellowship	N/A
69	Vijender Kumar Saini	Machine Learning	Dr. Bhavya Alankar Dr. HarleenKaur & Dr. Sameena Naaz	JH	Without Fellowship	N/A
70	Uzama Sadar	Heart Disease prediction using Machine Learning	Dr. Parul Agarwal Dr. SuraiyaParveen & Dr. Sapna Jain	JH	Without Fellowship	N/A

71	Mohammad Daud	Threat detection in cyber security	Dr. Sameena Naaz Dr. Farheen Siddiqui & Dr. Siddhartha Sankar Biswas	JH	Without Fellowship	N/A
72	Syed Mohammad Faisal Malik	Healthcare	Dr. Md Tabrez Nafis Dr Safdar Tanvir & Dr. Mohd AbdulAhad	JH	Without Fellowship	N/A
73	Lamiaa Mohammed Salem Akoosh	Heart disease prediction using deep learning approaches	Dr. Farheen Siddiqui Dr. Sameena Naaz & Dr. M Afshar Alam	JH	Without Fellowship	N/A
74	Mona Adlakha	Machine Learning in Medicine	Dr. Sameena Naaz Prof. M Afshar Alam & Dr. Sherin Zafar	JH	Without Fellowship	N/A

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1	Mr. Shafqat Ul Ahsaan	Dr. Harleen Kaur and Dr. Sameena Naaz
2	Mr. Anil Kumar Mahto	Prof. M. Afshar Alam, Prof. Ranjit Biswas and Dr. Jawed Ahmed
3	Ms. Richa Gupta	Prof. M. Afshar Alam and Dr. Parul Agarwal
4	Mr. Shah Imran Alam	Dr. Ihtiram Raza Khan, Dr. Farheen Siddiqui and Dr. Syed Imtiaz Hassan
5	Mr. Abdul Majid Farooqi	Prof. M. Afshar Alam and Dr. Syed Imtiaz Hassan

10. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Online Workshop with AI Probably	04 April 2021	N/A	103
2	We Breathe	22 April 2021	N/A	105
3	Act Against Abuse	25 April 2021	N/A	110
4	Harmonies for Hope	30 May 2021	N/A	110
5	Competitive Programming Mega Week	17 and 18 December 2021	N/A	105
6	AI Applications In Space Sector	22 February 2022	N/A	100
7	3rd International conference on ICT for Digital, Smart and Sustainable Development.	25 and 26 March 2022	N/A	100

11. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Abraham Simon	Sabha.	Theatre Workshop	26 July 2021
2	Priyanshu Gupta	Krypto	Diving into the Crypto World – A Webinar on Understanding Cryptocurrency	29 January 2022

12. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1	Dr. Omid Maddi Ebadati	Kharazmi University, Iran	Talk on Artificial Intelligence at ICIDSSD	24 th March 2022

13. Sponsored projects

A. Projects awarded during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration		
		Start date	End date	Current status
Dr. Sherin Zafar	UBA Project Id: UBA/NCI/0070/U-0107 Bacterial Free Innovative Paintings for Hygienic Whitewash Solutions in Saidul Azaib with Installation of portable green and blue smart dustbins for technology development	31 March 2022	30 September 2022	Completed

B. Ongoing Projects during the year 2021-2022 (projects awarded to teachers as Principal Investigator should only be included)

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration		
			Start date	End date	Current status
2021	Dr. Harleen Kaur (PI)	Building a Cyber Security Tool (MEITY - Rs. 32 Lakhs)	1 September 2021	31 August 2023	Ongoing
2021	Dr. Harleen Kaur (PI)	Entrepreneurship Development Programme (DST - Rs 5 Lakhs)	1 July 2022	1 March 2023	Ongoing
2020	Prof. M. Afshar Alam Dr. farheen Siddiqui	Development of Computer Lab FIST-DST - Rs.99 lakhs	18 February 2021	17 February 2026	Ongoing

14. Patents granted to/filed by the faculty members/scholars

A. Patents filed (please provide brief detail)

Dr. Sherin Zafar, Prof. M. AfsharAlam	2021101766	Cartoonify Image Detection Using machine Learning	May-21`
Dr Ihtiram Raza Khan	2021100143	Computer - implemented method for encryption over a block chain data sharing in secure network	11-01-2021
Dr Ihtiram Raza Khan	202131008193	Machine Learning Based Process for Medical Data Pattern Identification And Application With Visualisation In User Interfaces	26-02-2021
Dr Ihtiram Raza Khan	2021101195	Privacy-preserving Authentication and Key-Management Protocol for Health Information System	21-04-2021
Dr Ihtiram Raza Khan	202111011159	Image processing system and method for object detection using machine learning	16-03-2021
Dr Ihtiram Raza Khan	202131012555	Communication method of blockchain data sharing using secure encryption and decryption	23-03-2021
Dr Ihtiram Raza Khan	202111016924	Internet of things sensor based smart and intelligent wheelchair system	11-04-2021
Dr Ihtiram Raza Khan	202131017275	IoT based system for monitoring and notification for uses of liquefied petroleum gas	13-04-2021
Dr Ihtiram Raza Khan	202111017877	Artificial intelligence-based system for design surface of computerized building design model	17-04-2021
Dr Ihtiram Raza Khan	202131018259	Deep learning-based system for detection of covid-19 disease of patient at infection risk	20-04-2021
Dr Ihtiram Raza Khan	2021101194	A Smart City System for Citizen's Utilizing Ubiquitous Computing Technique	21-04-2021
Dr Ihtiram Raza Khan	2021101577	An IoT Based System for Emergency Healthcare	05-05-2021
Dr.BhavyaAlankar	350040-001	ROBOT FOR SANITIZATION AND MASK DETECTION	2021
Dr.BhavyaAlankar	2020103213	AIPB- Routing Protocol Verification: Ad Hoc Routing Protocol Intelligent Verification Process Based on Beagle Bone Black kit	2020
Dr.Harleen Kaur	350040-001	ROBOT FOR SANITIZATION AND MASK DETECTION	2021

Dr.Harleen Kaur	2020103213	AIPB- Routing Protocol Verification: Ad Hoc Routing Protocol Intelligent Verification Process Based on Beagle Bone Black kit	2020
Dr.parul Agarwal	2.02111E+11	System for integrated monitoring and management of agriculture and related parameters using Internet of things	May-21
Dr.parul Agarwal	2021101766	Cartoonify Image Detection Using Machine Learning	2021
Dr.Sameena Naaz	2021100022	Small Portable & Low Cost Electric Appliance Control System without Arduino Uno	2021

15. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

- S Zafar, MA Ahad, SI Ali, D Mehta, MA Alam, Smart and Sustainable Approaches for Optimizing Performance of Wireless Networks: Real-time Applications, John Wiley & Sons
- Prof. M Afshar Alam, Dr. Farheen Siddiqui, Dr. Sameena Naaz, Dr. Parul Agarwal, Dr. Jawed Ahmed, Proceedings of the 3rd International Conference on ICT for Digital Smart and Sustainable Development. 2022.

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Prof. M. Afshar Alam	5	5	3	3	2
2	Dr. Farheen Siddiqui	3	1	5	2	Nil
3	Dr. Sameena Naaz	1	1	12	2	Nil
4	Dr. Parul Agarwal	2	1	4	3	Nil
5	Dr. Harleen Kaur	6	1	4	2	Nil
6	Dr. Ihtiram Raza Khan	8	2	7	3	Nil
7	Dr. Jawed Ahmed	1	1	1	1	Nil
8	Ms. Shabina Ghafir	1	2	1	1	Nil
9	Dr. Bhavya Alankar	5	1	4	4	Nil
10	Dr. Safdar Tanweer	2	0	1	2	Nil
11	Dr. Mohd. Abdul Ahad	5	0		1	02
12	Dr. Suraiya Parveen	2	0	5	0	Nil

13	Dr. Md. Tabrez Nafis	4	1	1	4	NIL
14	Dr. Syed Shahabuddin Ashraf	1	0	1	0	NIL
15	Mr. Syed Sibtain Khalid	1	0	0	1	NIL
16	Mr. Tabish Mufti	1	0	3	3	NIL
17	Dr. Siddhartha Sankar Biswas	1	Nil	1	1	Nil
18	Ms. Gautami Tripathi	Nil	Nil	1	1	Nil
19	Mr. Aqeel Khalique	1	0	2	4	NIL
20	Ms. Anam Saiyeda	0	0	0	2	NIL
21	Dr. Sapna Jain	1	0	2	3	NIL
22	Dr. Richa Gupta	2	0	0	1	NIL
23	Dr. Sherin Zafar	4	nil	11	nil	Nil
24	Mr. Zeeshan Ali Haq	0	0	1	2	NIL
25	Dr. Imran Hussain					
26	Mr. Faraz Doja	0	0	2	2	0
27	Dr. Samar Wazir	2	1	0	1	0
28	Mr. Nafisur Rahman	0	0	3	1	0
29	Ms. Neha	0	0	2	1	
30	Dr. Uzma Akhtar Khan	NIL	NIL	NIL	NIL	NIL
31	Dr. Shah Imran Alam	2	0	0	0	0
32	Mr. Naved Alam	1		1	2	NIL
33	Dr. Amit Bhooshan Singh	2	NIL	NIL	NIL	NIL
34	Mr. Piyush Kumar Gupta	1	0	0	1	0
35	Ms. Nida Iftekhar	1	0	6	1	0
36	Mr. Syed Ali Mehdi	1	1	0	1	0
37	Mr. Tabrej Ahmad Khan	0	0	1	1	0
38	Ms. Pooja Gupta	0	0	2	1	0
39	Dr. Sohrab Ali	0	0	0	0	0
40	Ms..Ayesha Kamal	0	0	0	0	0
41	Ms. Taqdees Fatima.	0	0	0	0	0
42	Ms. Refia Wiquar	4	0	2	2	0
43	Dr. Mohd. Shadab Alam	0	0	0	0	0
44	Dr. Shahab Saquib Sohail	3	1	5	3	0
45	Dr. Neha	0	0	0	0	0
46	Ms. Samia Khan	0	0	6	1	0
47	Mr. Md. Omair Ahmad	0	0	1	4	0

48	Dr. Naseem Rao	0	0	0	1	0
49	Dr. Shakeel Ahmad Siddiqui	0	0	2	3	0
50	Ms. Asfia Aziz	0	0	2	2	0
51	Dr. Md. Aslam Parwez	0	0	0	1	0
52	Dr. Akbar Ali	0	2	0	0	0
53	Dr. Nazia Tabassum	0	0	0	0	0
54	Mr. Abdul Manazir	0	0	0	0	0
55	Mr. Mohd. Nazim	0	0	0	1	0
56	Mr. Javed Ahmad	0	0	0	1	0

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

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

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

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

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

C. Invited as keynote or plenary speaker.

- Prof. (Dr.) M Afshar Alam
- Dr. Farheen Siddiqui
- Dr. Harleen Kaur
- Dr. Sherin Zafar

17. Students achievements

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

Name of the Event/Activities	No. of participants	Venue/Place
Inter-college dance performance	7	ABES Institute of Technology
Elysian 2.0 – Dance Performance	8	Christ University, New Delhi

B. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed
1	3Pillars Global	5
2	Accenture	10
3	ANM	2
4	Big Oh Tech	4
5	Capgemini	2
6	Clarivate Analytics	3
7	CronJ	2
8	CSR Pentagon (Training)	10
9	Decimal Technologies	2
10	Eteam	2
11	Evalueserve	1
12	Expertlancing	3
13	EY	1
14	Fabhotels	1
15	Ferns & Petals	2
16	Gemini Solutions	1
17	HCL	6
18	Hexaware Technologies	6
19	Hike Edu	1
20	IITW	1
21	Imaginix	2
22	Infosys	4
23	Kcloud Technologies	3
24	TCS	9
25	Wipro	16
26	WNS Global Research	11



SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEAN: PROF. S. MEHARTAJ BEGUM

This School offers programs in humanities and social sciences. The School consists of four Departments.

Departments in the School

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

Department of Islamic Studies

This is one of the oldest departments set up by the Founder-Chancellor, Late Janab Hakeem Abdul Hameed Saheb, which later provided the base for establishing Jamia Hamdard in 1989. The department is widely known for its original contributions in the fields of Islamic Studies. It offers BA (Hons), M.A

and Ph.D. programmes. The B.A (Hons) and M.A programmes have been designed to help students to specialize in the domains of Islamic Sciences of Knowledge, besides promotion of interdisciplinary understanding especially in the fields of social sciences. The subsidiary and compulsory papers of BA (Hons) have been prepared keeping in mind requirements of the present times. The purpose is to give a thorough knowledge of contemporary subjects such as Sociology, Political Science, Economics, Islamic Economics, Banking and Finance, Computer Applications, Arabic and English languages and core subjects like Quranic Sciences, Principles of hadith, various civilization and dynasties etc.

The M.A Islamic Studies programme also focuses on issues like Ijtihad, the Islamic position on multiculturalism, dialogue between religions and civilizations, knowledge in the Islamic perspective, and problems faced by the Muslim community in India and abroad. Teaching of Sufism provides exhaustive analysis of peace, ethics, theology, Sufi

traditions and orders, Bhakti movements, composite cultures, shrines, major writings etc.

The main thrust of research in the Department is in the areas which have critical relevance to the contemporary Muslim world with special reference to Indian Muslims. These include subjects related to the socio-economic, religious and political problems of Muslims in India, contribution of Muslims to different walks of life, issues related to misunderstandings about Islam and Muslims, the impact of Islam on India and vice-versa, the contribution of Indian Muslim scholars and noblemen, translations of outstanding works by Muslim scholars including Muslim scientists, ulama and sufis. Within the broad parameters of the Holy Qur'an and Sunnah, research in Islamic Studies is based on, and guided by the modern methodology of knowledge formations.

Department of Human Rights

The M.A. in Human Rights is the reputed flagship programme of Jamia Hamdard, which equally evinces interest of foreign students and Indian students. Human Rights discipline currently is in great demand across the country. It is also attracting students from foreign countries.

Protection of human rights is essential for the development of the people of the country, which ultimately leads to development of the national as a whole. The Constitution of India guarantees basic human rights to each and every citizen of the country. Human rights are needed to protect and preserve every individual's humanity, to ensure that every individual can live a life of dignity and a life that is worthy of a human being. Human Rights Education is defined as "the learning of law of human rights, its history, theory, etc." Education is necessary to develop human personality and it is helpful to strength human rights & fundamental freedom of the individual. An important outcome of human rights education is empowerment, a process through which people and communities increase their control of their own lives and the decisions that affect them. The ultimate goal of human rights education is people working together to bring about human rights, justice, and dignity for all. Building a better society to live in has been a perennial question, which all the disciplines of knowledge have pondered over and worked on,

but human rights discipline plays a pivotal role in this direction. The aim of the M.A. in Human Rights would be to expose the students to the diverse issues particularly how have they envisioned of and engaged with the issues of rights, liberty, equality, justice, citizenship, constitution, constitutionalism, etc.

The Department is an exclusively dedicated to advance studies, researches and teaching on the human rights, its thematic and area studies encompassing its issues and challenges which is confronted by every humankind in day to day life.

The research in human rights promotes of intra-disciplinary and cross-fertilization of ideas in the applied domain of social human sciences. The thrust is on scientific and applied inquiries while breaking the barriers of stereo-types and tradition-ridden researches.

Broad objective of the department and the programme of study is to develop critical understanding of United Nations bodies, international, national and regional mechanisms and other professional bodies dealing with human rights. Its related thematic issues and challenges include sustainable development, Environment, human rights law and humanitarian law. In addition to this also covers dimensions of constitutional and legal studies and emerging jurisprudential trends in an interdisciplinary settings.

Its curriculum has been suitably designed on UGC's choice-based credit system (CBCS) and envisages all-important ingredients of the national civil services, state civil services and the UGC-JRF/NET examinations.

Areas of Advance Studies and Research

- Conceptual and theoretical foundations and legal framework of human rights
- Human rights, Democracy and decentralization, Constitution and Governance
- Health humanities and pandemic governance
- Human rights concerned issues and challenges
- International human rights Laws and Humanitarian laws and their implementation
- International and national actions and initiatives

against violations of Human Rights

- Protection and Promotion of Human rights, NHRIs and other human rights institutions
- Multiculturalism and Minorities related human rights issues
- Human rights and ethnicity and administration of tribal areas
- Human Rights, Globalization and Development and ecological concerns of development
- United Nations bodies and regional mechanisms for human rights
- International Adjudication and resolution of disputes
- Environmental governance and disaster management
- Disaster Management and Human Rights
- Good Governance and role of Government Schemes
- Human Rights and refugees, children, women, workers, aged and disabled people, Indigenous people
- Role of different Commissions, Institutions, International Agencies
- Migrant workers, labour related issues and laws, Human Rights
- Human rights and environmental issues and emerging problems
- Scientific advancements and information communication technology
- Human rights, state, media and NGOs
- Public health, water, hygiene and education
- Regional/social movements and Human Rights
- Human rights and criminal justice System, police, prison and court system

This course runs over into four semesters of two years' duration, and encapsulates 18 taught papers, one research project followed by viva voce.

Hamdard Institute of International Studies

Established in 2021, Hamdard Institute of International Studies is dedicated to advance knowledge and understanding of world affairs, international politics, international relations, security, trade and developmental issues through cutting-edge research in interdisciplinary and applied fields. Overall, the department aims to prepare students for a career in academics, foreign services, international organizations and think-tanks.

Areas of Advance Studies and Research

- Comparative Politics
- Great Power Politics
- History of International Politics
- South Asian Studies
- India's Foreign Policy
- Globalization and Global Governance
- Peace and Conflict Studies
- United Nations
- Regional and Security Organizations
- International Law and International Security
- Regional Politics including West Asia and Africa
- International Political Economy

CENTRE FOR FEDERAL STUDIES

1. **School** : School of Humanities and Social Sciences
2. **Department /Centre** : Centre for Federal Studies,
Public Policies and Governance
3. **Head of the Department:** Prof. S. Mehartaj Begum
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Prof. S. Mehartaj Begum	Ph.D.	Professor	Dean, School of Humanities & Social Sciences. Head, Department of Human Rights Head, Centre for Federal Studies, Public Policy and Governance Head, Islamic Studies, 2021.
2.	Prof. Ajay Kumar Singh	Ph.D.	Professor	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	M.A. (Human Rights)	PG	25	27

6. New study programme(s) launched during 2021 – 2022 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	M.A. (Public Policy and Governance)	PG	25	08

7. Study programme discontinued during 2021-2022, if any:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Reason of discontinuance, if any
1.	M.Phil. (Federal Studies)	PG	25	Discontinued as per NEP 2020.

8. A. PhD scholars' detail (currently enrolled) 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship
1.	Shaila	Yet to be decided	Prof. S. Mehartaj Begum	Part time	without fellowship
2.	Nibras Danish	Yet to be decided	Prof. Ajay Kumar Singh	Full time	without fellowship

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Sachin Kumar	Prof. S. Mehartaj Begum
2.	Atul Kumar Lohiya	Dr. R. K. Pandey

9. Research Publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Prof. S. Mehartaj Begum	05				
2.	Prof. Ajay Kumar Singh			02		

10. Achievements / Recognitions / Awards received/awarded to faculty members (as per the details given below)

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.

Prof. Syed Mehartaj Begum

1. Member, of the Equivalence Committee, Jamia Hamdard, New Delhi.
2. Member of the Planning and Monitoring Board, Hamdard University, New Delhi w.e.f. 2021.
3. Member of PBAS (Performance Based Appraisal System) CAS Committee, Hamdard University w.e.f. 09-09-2021.
4. Member, Core Committee of NAAC, 2021.
5. Member, Madrasa affiliation Committee, Hamdard University w.e.f. 2021 to till date.
6. Member (Social Scientist), Jamia Hamdard Institutional Ethics Committee, (JH-IEC) Jamia Hamdard, New Delhi for a Period of three years w. e. f. 23rd April, 2021.

Prof. Ajay Kumar Singh

1. Member, University Level Administrative and Academic Audit Advisory Committee, 2021.

2. Convener, PBAS CAS Committee, 2021.

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Prof. Syed Mehartaj Begum

1. Member, the Governing Body of Dyal Singh College, University of Delhi for a period of Two years with effect from 05-10-2021 to 04-10-2023
2. Member, the Governing Body of P.G.D.A.V. College, University of Delhi for a term of two years with effect from 09-09-2021 to 08-09-2023.

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

Prof. Syed Mehartaj Begum

1. 27th Global Literary Festival, NOIDA, Asian Academy of Arts in association with the International Women's Forum is honored in presenting **Dr. Sarojoni Naidu, The Nightingale of India International Award for Working Women** to Prof. Syed Mehartaj Begum, for her sincere contribution to the growth of the country on 24th September 2021.



HAMDARD INSTITUTE OF INTERNATIONAL STUDIES

1. **School** : School of Humanities and Social Sciences
2. **Department /Centre** : Hamdard Institute of International Studies
3. **Head of the Department** : Prof. S. Mehartaj Begum
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Prof. S. Mehartaj Begum	Ph.D.	Professor	Officiating Head & Dean of the School
2.	Dr. Ariba Jalal	Ph.D.	Assistant Professor	
3.	Dr. Masih Ullah Khan	Ph.D.	Assistant Professor	

5. New study programme(s) launched during 2021 – 2022 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	M.A. (International Studies)	PG	25	04

6. Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	Dr. Ariba Jalal					
2.	Dr. Masih Ullah Khan		01			

DEPARTMENT OF ISLAMIC STUDIES

1. **School** : **School of Humanities and Social Sciences**
2. **Department /Centre** : **Department of Islamic Studies**
3. **Head of the Department** : **Dr. Arshad Hussain**
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Arshad Hussain	PhD	Associate Professor	HoD 1. Coordinator- DODL, MA (Islamic Studies) 2. Coordinator- Diploma in Modern Persian Language 3.Coordinator- Certificate in Modern Persian Language
2.	Ghulam Yahya Anjum	PhD	Professor	
3	Safiia Amir	PhD	Asst.Prof	
4	Abroo Aman Andarabi	PhD	Asst.Prof	Coordinator Industry- Academia Partnership Cell (SHSS), Jamia Hamdard 2022 Coordinator Newsletter (SHSS) Jamia Hamdard 2022. Coordinator (SPOC) from the SHSS, BLUE PLANET FELLOWSHIPS, (Centre for Teaching Support and Innovations, Jamia Hamdard) Teacher in-charge , Hamdard Sports Meet 2021 (High Jump, Long Jump for girls)
5	Sumaiyah Ahmad	PhD	Asst.Prof	
6	Mohammad Ahmad Naeemi	PhD	Asst.Prof	Nodal Officer- Smart Identity Card
7	Mohammed Fazalur Rehman	MA	Asst.Prof	1.In charge Sufi Centre 2. Nodal Officer- Smart Identity Card 3.School In charge- Career Counseling Cell 4. School In Charge- Web Cell
8	Waris Mateen Mazhari	PhD	Asst.Prof	In charge Madrasa Centre
9	Najmus Sahar	PhD	Asst.Prof	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BA (Hons) Islamic Studies	UG	35	46
2	MA Islamic Studies	PG	20	18
3	PhD Islamic Studies	Doctoral		10

6. A. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/without fellowship
1	Hafizah Misbah	"Contemporary Bioethical Issues and Challenges: A Critical and Analytical Study in the Light of Holy Quran and Sunnah".	Dr. Abroo Aman Andrabi	JH	NO
2	Fauzia Ateeq	"The Contribution of Hakeem Abdul Hameed in the Socio-Educational Upliftment of India with Special Reference to Muslims".	Dr. Abroo Aman Andrabi	JH	NO
3	Junaid Ahmad Khowaja	"Intellectual Revivalism of Ismail Raji al-Faruqi and Seyyed Hossein Nasr: A Comparative Study"	Dr. Waris M. M.	JH	NO
4	Shama Parveen	"Concept of Parda in the light of Indian Religions (With special reference to Islam, Hinduism and Christianity)"	Dr. M.A Naeemi	JH	NO
5	Ashraf Ali TA	"Parliament bills on muslim issues after independence and its impact on the community empowerment"	Dr. NajmusSahar	JH	NO
6	Saleha Faizul Hasan	"Indian Muslim Women through Media Studies"	Dr. Sumaiyah Ahmed	JH	NO
7	Mohd Danish	"Academic and Literary contributions of Sufis of Rohailkhand in the Twentieth Century: An analytical study"	Dr. M.A Naeemi	JH	NO
8	Saba Anjum	Takthiri Ma'shree men Muslim awr Ghayr Muslim Ta'alluqat: Sir Sayyid Ahmad Khan, Mawlana Ahmad Raza Khan, Mawlana Abulkalam Azad, awr Mawlana Mawdu-dikeafkarka Tajziyati awr Taqabuli Muta'ala	Dr. Safia Amir	JH	NO

B. PhD scholars' detail (Ph.D. degree awarded/viva voce conducted): 2021-2022

Sl. No.	Name of scholar	Name of supervisor
1.	Mr. Sanaullah	Prof. G.Y. Anjum

7. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1.	International Seminar on “Islam and Pluralism : The Indian Perspective ”	19-20. 01. 2022	Nil	
2.	National Conference on “ Madrasa Education System in India : Challenges and Opportunities ”	16-17.03.2022	Shaheen Group of Institutions	Paper Presenters- 30 Audience - 310
3	Five Day Online Winter School Programme in Islamic Studies	21-25.02.2022	Institute of Objective Studies, New Delhi	
4.	Calligraphy Workshop and Exhibition	2.11.2021	Culture House Embassy of Iran	50

8. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Prof. Mohd Faheem Akhtar	MANUU, Hyderabad	Jurisprudential Schools in Islam and their Contemporary Relevance	06.09.2021
2.	Prof.M.Saud Alam Qasmi	AMU, Aligarh	The Indo-Islamic Traditions of Studying Other Religions	14.10.2021

9. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1		2	0	0	1	5
2		06	---	03	---	--
3		1		2	1	
4		-	-	-	-	2 ISSN 2395-1494
5		0	0	0	01	0

10. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

D. Invited as keynote or plenary speaker.

Total 7

Dr Waris Mateen Mazhari- 3 Dr Mohammad Ahmad Naeemi-1

Dr Najmus Sahar- 1 Dr Mohammed Fazalur Rehman- 2



HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR)

Dean: Prof. (Dr.) Saleena K. Basheer

Hamdard Institute of Legal Studies and Research (HILSR), was established in 2018 by the approval of the Bar Council of India (BCI). HILSR offers BA.LL.B, a five-year integrated degree programme. Under the aegis of HILSR, new programmes are being introduced in the academic session 2022-2023. These are LL.M (Constitution Law, and Commercial Law) and Ph. D (Law). HILSR has made a significant progress since its inception. The faculty members are drawn with diversified knowledge and experiences coming from various renowned institutions. In order to facilitate quality teaching and learning, HILSR is committed to innovative pedagogy and globalism. It is adequately equipped with modern infrastructure, with online facilities such as library, smart classrooms, computer lab, moot court etc. Legal Aid Clinic and Legal Literacy Club in collaboration with Delhi Legal Service Authority has been established to cater to the needs and to promote welfare of the underprivileged of the society. Readers' Club, Debate Club, Constitutional Club and etc. in HILSR enable students to avail the opportunities to explore new

avenues in both academic and extracurricular arenas. Our vision is to progress with the march of time in order to strengthen our legal education and preparing outstanding lawyers and law professionals who would serve and contribute to the development of a just society.

1. Aim and objectives

The aim of HILSR is to evolve and impart comprehensive legal education at all levels to achieve excellence by organizing advanced studies, training and the promotion of research in all branches of law and allied subjects. The objectives are:

- To propagate substantial and procedural legal knowledge and skill development, focusing on holistic and interdisciplinary pedagogical global standards
- To promote critical thinking, progressive outlook, legal and ethical values, and the rule of law as enshrined in the Constitution of India
- To encourage collaboration with institutions of national and global importance

- To endorse advanced research and training, relating to law and allied courses

2. The HILSR has the distinction of the following infrastructure and facilities:

- Smart Classrooms
- Moot Court Room

- Seminar Hall
- A well-stocked library and online databases
- Computer Lab
- Legal Aid Clinic and Legal Literacy Club Hall
- Common Rooms: (a) 1 General Room (b) 1 Boys (c) 1 Girls

3. Faculty members:

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Saleena K Basheer	Ph.D	Professor/Dean	Nodal Officer, JH Kannur Cmapus Member, JHIEC Convenor, NEP Implementation Committee
2	Burhan Majid	LL.M, NET, PhD (Pursuing)	Assistant Professor	Awarded Indian Equality Law Visiting Fellowship 2022 by University of Melbourne and University of Oxford. Enrolled in a PhD program in India's top law school – NALSAR Hyderabad. Responsibilities: Course Coordinator, HILSR. Faculty Convener, Moot Court Committee, HILSR Coordinator Examination, HILSR Member, NAAC V Criteria Member, Equal Opportunity Committee
3	Dr Mehar Fatima	PhD	Assistant Professor	Member, Centre for Vocational Studies and Skill Development, Jamia Hamdard. Member, Web Cell, Jamia Hamdard. Member, Publication Committee for Newsletter, Annual Report, Social Media, etc., Member, Academic Audit Committee, HILSR, School of Law Member, Board of Studies, HILSR, School of Law. Member Secretary, GirlUp Hamdard, Jamia Hamdard Member, Literary Club, Jamia Hamdard Member, Departmental Committee, HILSR, School of Law, Jamia Hamdard Convener, Sub-Committee on Admission Matters, School of Law, HILSR, Jamia Hamdard Convener, Sub-Committee on Sports and Extra- Curricular Activities, School of Law, HILSR Member, Sub-Committee on Examination Related Issues, School of Law, HILSR, Member, Sub-Committee on Disciplinary matters and Internal Complaints, School of Law, HILSR. Member, Departmental Cell on Anti-Sexual Harassment, School of Law, HILSR

4.	Dr Angbin Yasmin	Ph.D	Assistant Professor	Assistant Proctor, Jamia Hamdard Deputy Superintendent, Examination, HILSR Member, Film & Drama Club, Jamia Hamdard Member, Lecture Series, HILSR Member, Research Committee, HILSR Member, Disciplinary Committee, HILSR
5.	Dr. Ayan Guha	PhD, NET+JRF	Assistant Professor	<p><u>Awards/Achievements</u></p> <p>Awarded the affiliation External Research Associate by York Centre for Asian Research (YCAR), York University, Toronto, Canada Felicitated by Bankura University, West Bengal for Significant academic achievement and contribution on December 30, 2021</p> <p>3. <u>Reviewer for Book Manuscript</u> Routledge (Taylor and Francis)</p> <p>4. <u>Reviewer for Journals</u> <i>Rural History (Cambridge University Press)</i> <i>Religion (Routledge)</i> <i>Contemporary South Asia (Routledge)</i> <i>Journal of Asian and African Studies (Sage),</i> <i>International Journal of Discrimination and the Law (Sage),</i> <i>South Asian Survey (Sage)</i> <i>Deusto Journal of Human Rights.</i></p> <p><u>Responsibilities</u></p> <p>Member, IQAC Core Committee of Faculty Members, Jamia Hamdard, New Delhi Member, NAAC Core Committee, Jamia Hamdard, New Delhi Member, NIRF Core Team, Jamia Hamdard, New Delhi Member, Committee on Best Practices for NAAC, Jamia Hamdard, New Delhi Member, Centre for Career Counselling and Guidance, Jamia Hamdard, New Delhi Member, Student Grievance Redressal Committee, HILSR, Jamia Hamdard, New Delhi Course Coordinator- BA LLB at HILSR, Jamia Hamdard, New Delhi Convener, Departmental Level Committee on Disciplinary Matters and Internal Complaints, HILSR, Jamia Hamdard, New Delhi Coordinator, Lecture Series on ‘Law and Society’, HILSR, Jamia Hamdard, New Delhi Coordinator, Research Committee, HILSR, Jamia Hamdard, New Delhi Member, Departmental Cell on Anti-Sexual Harassment, School of Law, HILSR Member, Departmental Committee, HILSR Taught M.A Public Policy at School of Humanities and Social Sciences, Jamia Hamdard Taught M.A Human Rights at School of Humanities and Social Sciences, Jamia Hamdard</p>

6.	Dr. Sadaf Fatima	Ph.D	Assistant Professor	Convener, Library Committee HILSR Deputy Superintendent, Examination, HILSR Member, Admission Committee, HILSR Member, Academic and Administrative Audit Committee, HILSR Member, NAAC Committee, HILSR Member, LAC Committee, HILSR
7.	Ms. Naazish Fatima	LLM, NET	Assistant Professor	Co-Course Coordinator, HILSR. Faculty Convener ADR Board, HILSR Faculty Member- Legal Aid Committee Faculty Member- Moot Court Committee Member, Library Committee, HILSR Member, Sports Committee, HILSR Member, Cultural Committee, HILSR.
8.	Ishan Ahmad	LL.M. UGC NET	Assistant Professor	Honorary Training and Placement In- Charge, HILSR, Jamia Hamdard. Member- Industry- Academics Partnership Cell, Jamia Hamdard. Faculty Convenor, Legal Aid Committee, HILSR. Faculty Convenor, Internship and Placement Committee, HILSR. Faculty Member, Alternative Dispute Resolution Board. Faculty Member, HILSR Research Centre. Faculty Member, Examination Committee, HILSR. Faculty Member, Admission Committee, HILSR.
9.	Dr. Jehirul Islam	PhD PostDoc	Assistant Professor	NAAC Coordinator- HILSR Assistant Director (Curriculum)- CTSI Faculty Convenor, Curriculum Development Committee- HILSR Faculty Convenor, Debate Club-HILSR Member, ADR Board-HILSR Member, Moot Court Committee- HILSR Member, Library Committee- HILSR Member, Lecture Series Committee-HILSR Member, Admission Committee, HILSR Member, Sports Committee, Jamia Hamdard Warden, Ibn Batuta Boys Hostel

4. Detail of Adjunct/Visiting Professor:

Sl. No.	Name	Subject/Course	Specialization
1.	Mr.R.H.A. Sikander	Law of Evidence	Criminal Laws
2.	Mr. Amit Sanduja	Civil Procedure Code	Civil laws
3.	Mr.Sandeep Kumar	Environmental Law	Environmental Law

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrolment in the year
1.	BA. L.L.B.	UG	120 per batch	2018

6. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1	Moot Court Committee	The Moot Court Committee (MCC) of Hamdard Institute of Legal Studies & Research (HILSR) is a committee entrusted with a responsibility to manage activities related to mooting and advocacy at HILSR.
2	Legal Aid Clinic	Legal aid clinics are law school-based programs intended to make legal services and reliefs easily accessible to the poor and backward people.
3	Legal Aid Club	It has a twin mandate of spreading legal awareness and providing free legal assistance to the socially and the economically backward sections of the society who have difficulty accessing the judicial system. Additionally, it also provides a centre for practical and professional training for students of law.

7. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	2 Day workshop on Mooting and Advocacy Skills by Adv. Mohd Yasin	24 th October 2021		150
2..	One day workshop on Legal Research and Writing by Adv. Mohd. Yasin.	9 th November 2021		150
3.	One day workshop on Legal Research and writing by Dr. Manwendra Kumar Tiwari, Dharmashastra National Law University.	17 th November 2021		200
9.	One day Workshop on the importance of Reading a judgement by Adv. Mohd. Yasin	9 th November 2021		120
10.	Two-day National workshop on procedural and substantive aspects of Patent and Copyright by Mr. N. Subramaniam and Mr. Hemant Thadani	25 th and 26 th November 2021	Cell for IPR promotion and Management, GoI in collaboration with M/s. Crawford Bayley & Co.	300

11.	Model United Nations Conference	23-24 th February, 2022		80
12.	Nukkad Natak (Street Play) on Road safety Laws (Motor Vehicle Act)	23rd December, 2021		30
13.	Skit on on Domestic Violence and Save Girl child	11 th March, 2022		30
14.	Intra Moot Court Competition	1st-4th February 2022		40
15.	1st Hakeem Abdul Hameed National Moot Court Competition	25-27 th March 2022		50

8. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Adv Avani Bansal	Supreme Court of India	Orientation Address on Planning your law school life and career	30 th October 2021
2	Dr.Niteesh Upadhay	Galgotia University	Career Development and Mentorship	25th February 2022
3	Adv Bharat Chugh, former Judge, Delhi.	Chambers of Bharat Chugh	National Webinar on The Art of Advocacy	6 th November 2021
4	Mr. Amit Kashyap	Nirma University	Internship for Law Students	11th February, 2022
5	Prof (Dr.) Bharti	National Law University, Delhi	Clinical Legal Education	4th March 2022
6	Adv Karuna Nundy	Supreme Court of India	National Lecture on “Why Constitution Matters”	27 th November 2021
7	Ms. Sana Khan, DJS	Delhi Judicial Service	Interactive Session on “Role of Discipline and Perseverance in the Journey of becoming a Judge	29 th November 2021
8	Mr. Abdul Mateen, Asst Professor	Jadavpur University, Kolkata	Lecture on Indian Constitution and Minority Rights	2nd December 2021
9	Adv Puneet Kumar Vohra	Disrict Legal Services Authority (North).	One-day interactive session on “Significance of Article 39A: Equal Justice and Free Legal Aid	16 th December 2021
10	Adv. Mohd. Yasin	High Court of Delhi	Workshop on How to draft a memorial	20th December 2021
11	Prof. Dr. Iqbal Hussain	Jamia Millia Islamia	Orientation for law students	02 nd February 2022
12	Asst Prof. Amit K Kashyap.	Nirma University	Lecture on “Internship for law students”	11 th February 2022

13	Adv Flavia Agnes (Women's Rights Lawyer), Dr. Charu Walikhanna (former member NHRC), Adv RHA Sikander, Mr. Amitabh Srivastava (Senior Activist and Journalist)	-	Panel Discussion on "Lacunas in Rape laws."	20 February 2022
14	Prof. Narendra Kumar	Chairperson Centre for Political Studies, JNU	Lecture on Understanding Dr. BR Ambedkar's Contribution to Indian Constitution	7 th March 2022
15	Dr. P. Puneeth, Associate Professor	JawaharLal Nehru University.	Lecture on Elements of Constitutionalism in the Indian Constitution	15 th March 2022
16	Ms. Chandrika R. Krishnan, Writer and Educationist	—	A talk on "Society and Literature: A symbiotic relationship"	11 th March 2022

9. Visits by distinguished individual/Foreign faculty or delegates in the Department during 1st April, 2021 to 31st March, 2022

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1.	Hon'ble Mr. Justice K.G. Balakrishnan	Former Chief Justice of India and former Chairperson NHRC	Inauguration of 1st Hakeem Abdul Hameed National Moot Court Competition 2022	25th March 2022
2.	Hon'ble Mr. Justice Kurian Joseph	Former Judge, Supreme Court of India	Valedictory Ceremony of 1st Hakeem Abdul Hameed National Moot Court Competition 2022	27th March 2022
3.	Mr. Aman Lekhi	Senior Advocate, Supreme Court of India and former Additional Solicitor General of India.	Judge in final round of 1st Hakeem Abdul Hameed National Moot Court Competition 2022	27th March 2022
4.	Hon'ble Mr. Justice Kanwaljeet Arora	Judge, Delhi High Court	Inauguration of Legal Aid Clinic and Legal Literacy Club.	17th February 2022
5.	Ms. Namrita Aggarwal	Judge, Delhi Higher Judicial services	Inauguration of Legal Aid Clinic and Legal Literacy Club	17th February 2022
6.	Ms. Nabeela Wali	Judge and Secretary DLSA South.	Inauguration of Legal Aid Clinic and Legal Literacy Club	17th February 2022

10. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

Authored book (not edited)

Guha, Ayan (2022). *The Curious Trajectory of Caste in West Bengal Politics: Chronicling Continuity and Change* (Leiden/ Boston: Brill) ISBN: 978-90-04-51181-1 [Forthcoming International Paperback edition/ reprint- Haymarket Books, Chicago, US and forthcoming Indian edition/ reprint- Aakar Books, New Delhi], pp. 309.

Authored book (edited)

Guha, Ayan (2022): “Caste, Class and Globalization in India Revisited” in Adebowale Akande edited *Springer Handbook on Racial Inequality, Xenophobia and Populism: All Forms of Discrimination in the United States and Around the Globe* (New York/ Geneva: Springer). ISBN: 978-3031135583.

Journal Articles

Guha, Ayan (2021): “Caste Question in West Bengal Politics: Continuing Inconsequentiality or Rising Relevance?,” *Contemporary South Asia* (Routledge UK), vol. 29, no. 3, pp. 376-400. ISSN: 0958- 4935, Doi:<https://doi.org/10.1080/09584935.2021.1886247>.

Guha, Ayan (2021): “Beyond Conspiracy and Coordinated Ascendancy: Revisiting Caste Question in West Bengal under the Left Front Rule (1977-2011)”, *Contemporary Voice of Dalit* (Sage), vol. 13, no. 1, pp. 50-65. ISSN: 2455328X, vol. 13, no. 1. Doi:

<https://doi.org/10.1177%2F2455328X211008434>.

Guha, Ayan (2022). Review of Blood Island: An Oral History of Marichjhapi Massacre, *South Asia Research* (Sage), vol. 42, no. 1, ISSN: 0262-7280. Doi: <https://doi.org/10.1177%2F02627280211058110>.

Guha, Ayan (2021). Review of Left Front and After: Understanding the Dynamics of Poriborton in West Bengal and People-Party-Policy Interplay in India; Micro-dynamics of Everyday Politics in West Bengal, *Studies in Indian Politics* (Sage), vol. 9, no. 1, ISSN: 23210230. Doi: <https://doi.org/10.1177%2F2321023021999218>.

Other Publications

Guha, Ayan. “BJP has married Mandal with Kamandal in Bengal, posing a dilemma for scholars,” *The Print*, April 16, 2021. <https://theprint.in/opinion/bjp-married-mandal-with-kamandal-in-bengal-dilemma-for-scholars/640524/>.

Research publications

Sl. No.	Name of teacher	Publication detail(In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publication, please specify
1	Dr.Angbin Yasmin			1		
2	Dr. Sadaf Fatima	1				
3	Dr. Jehirul Islam	2				
4	Ms. Naazish Fatima	1			2	
5	Dr Mehar Fatima	1	1	3		
6	Dr. Ayan Guha	2	2	1		Popular Writing (1)

11. Achievements/Recognitions/Awards received/awarded to faculty members (kindly give details)

Dr. Ayan Guha was awarded the affiliation External Research Associate by York Centre for Asian Research (YCAR), York University Canada

Dr. Ayan Guha was facilitated by Bankura University, West Bengal for significant academic achievement and contribution on December 30, 2021.

Dr. Ayan Guha was invited to be a reviewer for reputed journals such as *Rural History* (Cambridge University Press), *Religion* (Routledge), *Contemporary South Asia* (Routledge), *Journal of Asian and African Studies* (Sage), *International Journal of Discrimination and the Law* (Sage), *South Asian Survey* (Sage) and *Deusto Journal of Human Rights*.

Dr. Ayan Guha was invited to review book manuscript for *Routledge* (Taylor and Francis)

Dr. Ayan Guha was invited to review books for *Studies in Indian Politics* (Sage) and *South Asia Research* (Sage)

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.)

Ms. Naazish Fatima, member, Internal Complaints Committee, Central Wakf Council, Ministry of Minority Affairs, GoI.

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

1. Prof Saleena K. Basheer, Member of Faculty Committee, JMI

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

Burhan Majid was awarded the Indian Equality Law Visiting Fellowship 2022 by University of Melbourne and University of Oxford.

Dr. Ayan Guha was awarded the affiliation External Research Associate by York Centre for Asian Research (YCAR), York University Canada

Dr. Ayan Guha was facilitated by Bankura University, West Bengal for significant academic achievement and contribution on December 30, 2021.

D. Invited as keynote or plenary speaker.

Dr. Ayan Guha delivered an invited lecture (Online) in a National Webinar on ‘Caste, Class and Religion in Contemporary India’ on 26th March, 2022, organised by Sarojini Naidu College for Women, University of Calcutta. Other speakers were Prof. Debi Chatterjee, Editor of the Journal Contemporary Voice of Dalit (Sage) and Retired Professor, Jadavpur University, Kolkata, Prof. Partha Pratim Basu, Professor, Jadavpur University, Kolkata and Dr. Maidul Islam, Assistant Professor, Centre for Studies in Social Sciences (CSSS), Kolkata.

Dr. Ayan Guha delivered an invited talk (online) on ‘Bhadraloks of Bengal: Misplaced Nostalgia of a Lost World’ at the Second Barak Valley Annual Conference on ‘Can You Hear the Subaltern Speak? Tracing the Trajectory of Choices’ on 9th September, 2021.

Dr. Ayan Guha delivered a invited lecture (online) on ‘Dalit Politics and Caste Mobilisation’ organized by Rashtrabigyan Charcha Kendra on December 19, 2021.

Dr. Ayan Guha was interviewed (online) by Prof. Pradip Basu, Dean, School of Social Sciences and Humanities, Presidency University, Kolkata on ‘West Bengal Politics Today’ on June 9, 2021 for the online platform E-spartacus.

12. In co-curricular and extracurricular activities (excellence in co-curricular, extracurricular and sports activities outside Jamia Hamdard)

Sl. No.	Name of the Event/Activities	No. of participants	Venue/Place
1.	Mr. Rehan Ghalib, student of BALLB 4th year, HILSR, won 1st prize in National PIL Drafting Competition held at NLU Bhopal	100	Online


MOOT COURT COMMITTEE
HAMDARD INSTITUTE OF LEGAL STUDIES & RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD
Organises
2 DAY WORKSHOP
ON
MOOTING AND
ADVOCACY SKILLS
 Date:-25th-26th October 2021
 Venue:- Online
Speaker: Adv. Mohd Yasin
 Topics to be covered:
Day 1
 Session 1: 2pm-3pm:- Mooting and Advocacy
 Session 2: 3pm-4pm:- Reading and Researching the Moot Problem
 4pm-4:30pm:- Q&A Session
Day 2
 Session 1: 2pm-3pm:- Drafting a Moot Memorial
 Session 2: 3pm-4pm:- The Art of Oral Argument
 4pm-4:30pm:- Q&A Session

Chief Patron Prof. (Dr.) M. Afshar Alam Hon'ble Vice Chancellor, Jamia Hamdard	Patron Prof. (Dr.) Saleena K. Basheer Professor of Law, HILSR	Faculty Coordinator Burhan Majid Assistant Professor of Law, HILSR
		Student Organisers Tushar Batra Sakshi Singh

E-Certificate of Participation shall be given only to Registered Participants.
 Last Date to Register is 24th October 2021.
 The Workshop is open to only students of HILSR.


HAMDARD INSTITUTE OF LEGAL STUDIES & RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD
ORGANISES
ORIENTATION
PROGRAMME
 FOR BATCH 2020 & 2021 OF B.A.LL.B
 OCTOBER 30, 2021 | 11AM | VIRTUAL
Orientation Address
 on
PLANNING YOUR LAW SCHOOL LIFE AND CAREER
PROSPECTS
Guest Speaker: Adv. Avani Bansal

Avani Bansal is an Advocate at the Supreme Court of India, New Delhi. She has pursued her BCL and M.Phil in Law from University of Oxford (UK) and LL.M from Harvard Law School (USA). She presents a weekly constitutional awareness show in Hindi at 'The Wire' - 'Hamara Samvidhan'. She's also an author of the book 'Life at Law School' (Eastern Book Company).



Chief Patron Prof. (Dr.) M. Afshar Alam Hon'ble Vice-Chancellor, Jamia Hamdard	Faculty Coordinators Burhan Majid Assistant Professor of Law, HILSR	Student Organisers Amaal Sheikh Harsh Gupta
Patron Prof. (Dr.) Saleena K. Basheer Professor of Law, HILSR	Dr. Ayan Guha Assistant Professor of Political Science, HILSR	

The Programme will be open to all the students of HILSR • Link for the event shall be sent 7 day prior to the event


MOOT COURT COMMITTEE
HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD
PRESENTS
NATIONAL WEBINAR
ON
THE ART OF ADVOCACY

Adv. Bharat Chugh
 Former Judge and Founder of
 Chambers of Bharat Chugh
6th NOVEMBER 2021
 3pm onwards
 Virtual
 E-CERTIFICATE OF PARTICIPATION FOR ALL REGISTERED ATTENDEES
 LAST DATE TO REGISTER - 5th November 2021

Chief Patron Prof. (Dr.) M. Afshar Alam Hon'ble Vice Chancellor, Jamia Hamdard	Patron Prof. (Dr.) Saleena K. Basheer Professor of Law, HILSR	Faculty Convenor, MCC Burhan Majid Assistant Professor of Law	For any queries contact: Tushar Batra: 9973793223 Sakshi Singh: 9923388997
---	--	--	---


MOOT COURT COMMITTEE
HAMDARD INSTITUTE OF LEGAL STUDIES & RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD
Organises
ONE DAY WORKSHOP
ON
THE IMPORTANCE OF
READING A JUDGEMENT
 9TH NOVEMBER 2021, 11:30AM-1:00PM IST, VIRTUAL

Speaker: Adv. Mohd Yasin
 [The Workshop is only open for the students of HILSR]

Chief Patron Prof. (Dr.) M. Afshar Alam Hon'ble Vice Chancellor, Jamia Hamdard	Patron Prof. (Dr.) Saleena K. Basheer Dean, School of Law	Faculty Convenor, MCC Burhan Majid Assistant Professor of Law, HILSR	Student Organisers Sakshi Singh Tushar Batra
---	--	---	---


MOOT COURT COMMITTEE
HAMDARD INSTITUTE OF LEGAL STUDIES & RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD
Organises
ONE DAY WORKSHOP
ON
LEGAL RESEARCH
AND WRITING
17th November 2021 || 12:30 PM Onwards || Virtual

Dr. Manwendra Kumar Tiwari
 Associate Professor of Law
 Dharmashastra National Law University
 Only Students of HILSR are eligible to Participate

Chief Patron Prof. (Dr.) M. Afshar Alam Hon'ble Vice Chancellor Jamia Hamdard	Patron Prof. (Dr.) Saleena K. Basheer Dean, School of Law	Faculty Convenor, MCC Burhan Majid Assistant Professor of Law	Student Organisers Sakshi Singh Tushar Batra
---	--	--	---


MOOT COURT COMMITTEE
HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD

Presents
**NATIONAL QUIZ
COMPETITION
ON**
Constitutional Law

20th November, 4PM-4:15PM IST, Online

1st Position shall be given The Indian
Constitution: Cornerstone of A Nation by
Cranville Austin

Free Registrations!
Last date to register: 19th November 2021

E-Certificate of Merit to Top 3
E-Certificate of Participation for all registered
participants

Patron
Prof. (Dr.) Saleena K. Basheer
Dean, School of Law

Faculty Convener, MCC
Burhan Majid
Assistant Professor of Law

For any queries contact:
Sakshi Singh: 9933399997
Tushar Botra: 9933399997


MOOT COURT COMMITTEE (MCC)
HAMDARD INSTITUTE OF LEGAL STUDIES & RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD

**ONE DAY WORKSHOP
ON
HOW TO DRAFT A MEMORIAL?**

 **SPEAKER: ADV. MOHD YASIN**

20th December 2021 || 12PM onwards || Virtual

|| The Session is open only for HILSR students ||
The Link for the session will be shared one day prior to the event.

Chief Patron
Prof. (Dr.) M. Afshar Alam
Hon'ble Vice-Chancellor, Jamia Hamdard

Patron
Prof. (Dr.) Saleena K. Basheer
Dean, School of Law

Faculty Convener, MCC
Burhan Majid
Assistant Professor of Law, HILSR

Student Convener, MCC
Sakshi Singh
Tushar Botra


CONSTITUTIONAL LAW CLUB
HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH
SCHOOL OF LAW
JAMIA HAMDARD

ORGANISES
PANEL DISCUSSION

THEME: TRIAL BY MEDIA
AND PRESS FREEDOM

NOVEMBER 26, 2021
FROM 10:00 TO 11:00 AM
VIRTUAL

Patron
Prof. (Dr.) Saleena K. Basheer
Dean, School of Law

Faculty convener, CLC
Burhan Majid
Assistant Professor of Law, HILSR

STUDENT ORGANISER
NIDHI PANDEY


CONSTITUTIONAL LAW CLUB (CLC)
HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR)
SCHOOL OF LAW
JAMIA HAMDARD

PRESENTS
**NATIONAL LECTURE
ON
WHY CONSTITUTION MATTERS?**

 **Karuna Nundy**
Advocate, Supreme Court of India

E-CERTIFICATE OF
PARTICIPATION FOR ALL
REGISTERED ATTENDEES

27th NOVEMBER 2021
3:30 pm onwards
Virtual

LAST DATE TO REGISTER - 26th November 2021

Chief Patron
Prof. (Dr.) M. Afshar Alam
Hon'ble Vice Chancellor, Jamia Hamdard

Patron
Prof. (Dr.) Saleena K. Basheer
Professor of Law, HILSR

Faculty Convener, CLC
Burhan Majid
Assistant Professor of Law

Student Organisers
Tushar Botra
Sakshi Singh


LEGAL AID COMMITTEE (LAC)
HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR)
JAMIA HAMDARD

**National level Panel discussion on
'Lacunas in Indian Rape laws'**

• Our Panelist •

 **Flavia Agnes**
Women rights
Lawyer

 **Dr. Charu Walikhanna**
Human rights
Lawyer

 **RHA Sikander**
Advocate

 **Amitabh Srivastava**
Senior journalist

Moderator : **Adiba Maaz**

Date of event **20.02.2022**
Timings: **11.00 am onwards**

Platform


Chief Patron
Prof. (Dr.) M. Afshar Alam
Honorable Vice Chancellor
Jamia Hamdard

Patron
Dr. Saleena K
Basheer
Dean School of Law

Faculty Organisers
Naazish Fatima
Ishan Ahmad
Dr. Nida Zainab Naqvi
Assistant Professors

Student Organisers
Riya Sara Renchen
Adiba Maaz
Amaal Sheikh







CENTRE FOR DISTANCE AND ONLINE EDUCATION

Director :- Prof (Dr.) S. H. Anasri

Jamia Hamdard is one of the top ranking Universities of the country. The National Assessment and Accreditation Council (NAAC), Government of India has accredited 'A' Grade to Jamia Hamdard with 3.15 under 4.0 scale. It has been ranked at 18th position in the year 2019 and 21st in the year 2020 by the National Institutional Ranking Frame work (NIRF), Government of India. The School of Pharmaceutical Education and Research (SPER) has been ranked No.1 by the NIRF in the year 2017, 2019 and 2020.

Jamia Hamdard has thirteen Schools/Centres of Studies offering high quality Programmes ranging from Certificate, Diploma, Undergraduate, Postgraduate and the Doctoral Programmes. They are: Hamdard Institute of Medical Sciences and Research, School of Unani Medical Education and Research, School of Pharmaceutical Education and Research, School of Nursing and Allied Health Sciences, School of Chemical and Life Sciences, School of Interdisciplinary Sciences and Technology, School of Engineering Sciences and Technology,

School of Humanities and Social Sciences, School of Management and Business Studies, Hamdard Institute of Legal Studies and Research, Centre for Education, Training and Empowerment, Centre for Media and Mass Communication Studies, and the Centre for Distance and Online Education.

The School of Open and Distance Learning (SODL) of Jamia Hamdard now been renamed as the Centre for Distance and Online Education (CDOE) was established in the year 2004, offering various undergraduate and postgraduate diploma programmes. Major objective of the CDOE has been to provide access to higher education to those who are not able to draw benefits from the formal system of education. The open and distance learning system allows a learner to determine his/her pace of learning.

Our Founder Late Janab Hakeem Abdul Hameed Sahab has established Jamia Hamdard in order to extend opportunity of higher education to the disadvantaged sections of the society, especially, the Muslim minority. The dream of Late Hakeem Saheb is

being fulfilled by offering programmes through ODL mode to the students of a few recognized Madarsas. This is enabling children from the Muslim minority dominated pockets of Delhi to get enrolled in the main-stream programmes and courses.

The Mandate

Open Distance Learning (ODL) mode of education has been recognized as one of the effective tools of educationally empowering those sections of the society, which could not afford to join the formal on-campus education due to various reasons. As a result, it is an effective tool for non-formal education. Presently, ODL institutions are not only imparting education as an alternative to the formal system but also making effective contribution in areas, such as vocational and technical education and even in high technology based education. The distance education also has potential to reach to the un-reached and even marginalized and excluded groups of the society such as tribal populations and Muslim women. Open and distance education provides an opportunity to students for acquiring new knowledge and skills that are needed for their development. Jamia Hamdard

Being in education for along time has taken initiatives to offer an opportunity to those students who are unable to get on-campus education and those who have limited access to educational resources. The flexible and innovative methods of education of Open and Distance Learning system ensures 'independent learning' to anyone, anytime and anywhere. The ODL Programmes of Jamia Hamdard also envisages providing an opportunity to girls from Muslim community, who by and large has been left out by the national educational endeavors.

Jamia Hamdard's study programmes under ODL are selective and customized to meet the learning requirements of knowledge seekers as well as to ensure that they learn at their own pace and convenience. Within the financial means of University, due care has been taken to keep the cost of education low, so that educationally backward sections can take advantage of University's programmes through ODL mode. This goal in view, the CDOE of Jamia Hamdard has made concerted efforts to offer professional and job oriented courses with regular updates of curricula and study material and introduction of tools of Information Technology.

CENTRE FOR DISTANCE AND ONLINE EDUCATION

1. **School** : Centre For Distance and Online Education (CDOE)
2. **Department /Centre** : Centre For Distance and Online Education
3. **Head of the Department** : Prof. S. H. Ansari, Officiating Director
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation
1	Prof (Dr) S.H. Ansari	Ph.D	Officiating Director
2	Dr. Babita Singh	Ph.D	Assistant Professor

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	Bachelor of Business Administration (BBA)	UG	NA	44
2	Bachelor of Computer Applications (BCA)	UG	NA	49
3	Bachelor of Commerce (Hons) BCOM (H)	UG	NA	0
4	M.A (Human Right)	PG	NA	0
5	M.A (Islamic studies)	PG	NA	11
6	Advance Diploma in Drug Regulatory Affairs (ADDRA)	Advance Diploma	NA	61
7	Advance Diploma in Dietetics and Therapeutics Medicine (PGDDTN)	Advance Diploma	NA	26
8	Advance Diploma in Medical Record Techniques (PGDMRT)	Advance Diploma	NA	44
9	Diploma in Professional Arabic (DPA)	Diploma	NA	14
10	Diploma in Bakery and Confectionary Technology	Diploma	NA	0
11	Advance Diploma in Bio Informatics (PGDBI)	Advance Diploma	NA	0
12	Advance Diploma in Chemo - Informatics (PGDCI)	Advance Diploma	NA	0
13	Advance Diploma in Environmental Monitoring and Impact Assessment (PGDEMIA)	Advance Diploma	NA	0

14	Advance Diploma in Intellectual Property (PGDIPR)	Advance Diploma	NA	0
15	Advance Diploma in Human Rights (PGDHR)	Advance Diploma	NA	0
16	Diploma in Persian Language (DPL)	Diploma	NA	0
17	Certificate in Modern Persian Language (CMPL)	Certificate	NA	0

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department : 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Workshop on Job- fair _ - Topic : Atmanirbhar	14& 15 March 2022	Team Lease Company	412

7. Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed	Any other information
1	Wish 4 loan	4 placed	Under the job fair in the name of Atmanirbhar
2	Esaf Bank	140 (short listed)	
3	Better place		
4	Zolo Stay		
5	Bajaj Finance		
6	Hamdard Group-FMCG		



CENTRE FOR MEDIA AND MASS COMMUNICATION STUDIES

Director: Mr. S.M. Khan

The information and communication technology revolution has widened the presence and enhanced the importance of means of Mass Media and Communication. In the light of these developments, there can't be a better time than this to pursue a career in this arena. Jamia Hamdard launched the School of Media Education and Mass communication which was later renamed as Centre for Media and Mass Communication Studies, to provide academic and professional excellence in this field. The Centre has started with a three years degree in Bachelor of Arts in Journalism and Mass Communication with a capacity of 50 students in the year 2020. The innovative course curriculum has been designed to equip the students to meet the challenges of dynamically evolving and highly competitive discipline. The Centre aims to provide the students with world-class teaching and training to churn out skilled manpower and informed scholars to serve National and International Communities and Media Industries.

1. Objective

B.A. in Journalism and Mass Communication course has been designed to train aspiring media candidates in various industry and technical skills of audio-video editing, anchoring, content writing, photography, media reporting etc. These professionals would be employed with TV News Channels, Radio Broadcasting, Print Media, Digital Journalism and in the Government Communication set-up. This course also enhances entrepreneur skills and training to setup their own production units.

Career Opportunities: TV Anchor, Media Reporter, Copy Editor, Copy Writer, Radio Jockey, Video Editor, Photo Journalist, Public Relation Officer, Advertising Executive, Posts in Government Information and Communication Setup.

2. Faculty members:

Sl. No.	Name (in full)	Qualification (only PG, Ph.D. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
	Mr. M. Shakeel Ahmed	M.A. in Mass Communication, PG Diploma in Journalism IIMC, PG Diploma in News Agency Journalism, IIMC, New Delhi	Consultant	Course Coordinator, B.A. (JMC) Course and Faculty Coordinator, Liaising with senior authorities of the University to run the course
2.	Dr. M. Zishan	Ph.D.	Assistant Professor	Member, Film & Drama Club
3.	Dr Abdul Quadir Siddquee	Ph.D.	Assistant Professor	Deputy exam superintendent, CMMS Member of editorial board Newsletter Jamia Hamdard Nodal officer, CMMS

3. Detail of Adjunct/Visiting Professor:

Sl. No.	Name	Subject/Course	Specialization
1.	Mr. Ranjan Basu	B.A. (JMC)	Photography
2.	Mobin Ahmad Khan	B.A. (JMC)	Radio
3.	Mohd. Ashraf	B.A. (JMC)	Electronic Media
4.	Ms. Neeti Dauneria	B.A. (JMC)	Audio-video editing
5.	Ms. Purvi Gaur	B.A.(JMC)	Mass Communication Theory
6.	Ms. Zehra Naqvi	B.A. (JMC)	Script Writing
7.	Dr. Lucy G. Chattopadhyay	B.A. (JMC)	Radio Lab

4. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	B.A. (JMC)	UG	50	50

5. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1	Media Studio Lab	Students train to audio-visual productions, news bulletins, anchoring, conducting interviews, debates and discussions on various issues of public interest.

6. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates	Sponsoring Society/ Association, if any	No. of participants
1	Digital Photography Appreciation	28 th March to 1 st April 2022	NIL	90

7. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Mr. SM KHAN	CMMS	Communication by Government Agencies	11/01/22
2	Mr. KV Prasad	Eminent Journalist	Social Media: A two-edged sword	20/01/22

8. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research papers in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
	Dr. M. Zishan	01	00	00	00	02 Article published in national newspaper
2.	Dr. Abdul Quadir Siddiquee	00	00	01	00	00



JAMIA HAMDARD RESIDENTIAL COACHING ACADEMY

Director : Mr. S. M. Khan

Jamia Hamdard Residential Coaching Academy (JHRCA) was established in 2009 under the aegis of Ministry of Human Resources Development (now Ministry of Education), Government of India. It is funded by the University Grants Commission. The main thrust of the coaching programme is to prepare candidates from Minority community along with SC/ST and Women candidates for Government Services so that their representation increases in government jobs. Academic support and guidance along with periodic development are emphasized at the Academy for holistic development of candidates to face the stiff competition for entry into services.

JAMIA HAMDARD RESIDENTIAL COACHING ACADEMY

1. **School** : Jamia Hamdard Residential Coaching Academy
2. **Department /Centre** : Jamia Hamdard Residential Coaching Academy
3. **Head of the Department:** Mr. S. M. Khan
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Dr.S.S.Ashraf	Ph.D	Asst. Prof.	Dept. of Computer Science ,SEST

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	RAC (Coaching and Guidance for UPSC aspirants)		100	
2.	Central Waqf Council (CWC)		50	

6. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Research publications

Sl. No.	Name of teacher	Publication detail (In numbers only)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1.	S.S.Ashraf				1	
					Electronic Devices-Elsevier	

7. Students achievements

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

21 Candidates selected in UPSC Civil Services and other State Services

Conducted mock interviews Entrance Exam





HAMDARD INSTITUTE OF MEDICAL SCIENCES AND RESEARCH

Hamdard Institute of Medical Sciences & Research (HIMSR) at Hamdard Nagar in New Delhi is one of the finest self-financing unaided Private medical Institute in Delhi with infrastructure and faculty that support students to become outstanding medical professionals. It was established in 2012 as an ambitious project of Hamdard National Foundation (HNF) aimed at furthering its scope in the life sciences and health domains and providing quality healthcare at an affordable cost.

HIMSR has been established as an institution of national importance with the objective to develop patterns of teaching in Undergraduate and Post-graduate Medical Education in all branches so as to demonstrate a high standard of Medical Education in India, to bring together in one place educational facilities of the highest order for the training of personnel in all important branches of health activity, and to attain self-sufficiency in Post-graduate Medical Education

The institute is supported by 740 bedded teaching Hakeem Abdul Hameed Centenary (HAHC) Hospitals. This is in conformity to National Medical

Commission guidelines.

Hamdard Institute of Medical Sciences & family of institutions is the great leap forward in line with the vision of the Founder of Hamdard and in fulfilling the dream of Late Hakeem Abdul Hameed to create an institute to cater to health education in general and providing affordable healthcare to suffering population living in the vicinity of the institution (South Delhi). It is in conformity with the philosophy of Hamdard "Compassion, Concern, Care and sharing of pain."

The Institute, over the years, has developed excellent organizational structure through its statutory and non-statutory authorities resulting in establishment of a well-regulated administrative machinery and achievement of excellence in academic functioning and medical research and providing excellent medical care to the patients. Just to give a glimpse of the services rendered by the hospital to the needy patients, nearly 521,000 patients were provided consultation and treatment in the outpatient departments in the year 2021. Out of these 72,000 patients were admitted as indoor patients.

The faculty of HIMSR is carefully selected by national level experts through an interview process ensuring excellent quality of the teachers. The teaching aids are contemporary, networked, interactive and upgradable. At HIMSR, great emphasis is put on conducting research and publishing scientific papers by the faculty. Regular up-gradation of professional knowledge is facilitated by regular clinical meetings, seminars, symposia etc.

It establishes a philosophy of Hamdard, “Compassion, concern, care and sharing in pain” by fulfilling the dream of Hakeem Abdul Hameed to create an institute for suffering humanity. It is a great leap forward in line with the vision of the Founder of Jamia Hamdard.

Departments in the School

1. Medicine
2. Surgery
3. Anesthesia
4. Anatomy
5. Biochemistry
6. Central Skill Lab
7. Community Medicine
8. Dentistry

9. Dermatology
10. Emergency Medicine
11. ENT, Head and Neck Surgery
12. Forensic Medicine and Toxicology
13. Medical Education Unit
14. Microbiology
15. Obstetrics and Gynecology
16. Ophthalmology
17. Orthopedics
18. Pediatrics
19. Pathology
20. Pharmacology
21. Physiology
22. PMR
23. Psychiatry
24. Radio- Diagnosis
25. Respiratory Medicine

HAMDARD INSTITUTE OF MEDICAL SCIENCES AND RESEARCH

1. **School** : Hamdard Institute of Medical Sciences and Research (HIMSR)
2. **Name of the Dean** : Prof. Mridu Dudeja
3. **List of faculty members:**

Sl. No.	Name (in full)	Qualification (only PG,PhD.& above)	Designation	Any other university responsibility, additional charge	Any other information
DEPARTMENT OF ANATOMY					
1.	Dr. Shayama Kumari Razdan	MS	Professor & Head	Co-ordinator 1 st Professional MBBS Students Co-ordinator of integration committee of 1 st Professional MBBS Students	Life Member of ASI
2.	Dr. Shalini Kumar	MD	Associate Professor	MEU Member	Life Member of ASI Member of Electronic Microscopic Society Study of India
3.	Dr. Arpita Mahajan	MD	Associate Professor	Member of Nodal Committee	Life Member of ASI
4.	Dr. Sabah Yaseen	MD	Assistant Professor	---	Life Member of ASI
5.	Dr. Jigyasa Passey	MD	Assistant Professor	---	Life Member of ASI
DEPARTMENT OF PHYSIOLOGY					
1.	Prof (Dr) M.I. Alam	M.Sc., PhD	Head & Professor	Convener, Anti-ragging Committee, HIMSR Chairman, RPAC, HIMSR	
2.	Dr Shikha Gautam	MD	Associate Professor		
3.	Dr Salamah Imteyaz	MD	Assistant Professor		

4.	Dr Amina S. Zaidi	MD	Assistant Professor	Member, Academic meet Committee Member, ultipurpose Committee	
5.	Dr Bhawna Mattoo	MD	Assistant Professor	Member, Internal quality Assurance Cell Member, Examination Committee	
6.	Dr Fauzia Ifthekahar	MBBS	Demonstrator		
7.	Dr Manju Sharma	MBBS	Demonstrator		
8.	Dr Narinder Singh	MBBS	Demonstrator		
9.	Dr Neha Dhyani	PhD	Demonstrator		
DEPARTMENT OF BIOCHEMISTRY					
1.	Dr Alpana Saxena	MBBS, MD	HOD	-	
2.	Dr Sana Alam	MBBS, MD (Medical Biochemistry)	Associate Professor	MBBS/PG Course coordinator Biochemistry Member of Research Project Advisory Committee (RPAC), HIMSR. Member of anti-ragging squad committee HIMSR Member of Cultural and Nodal committee HIMSR.	
3.	Dr Kailash Chandra	Ph.D.(Medical Biochemistry)	Assistant Professor	M.Sc./Ph.D Course coordinator Nodal officer: NMC IT project	
4.	Dr. Bhumika Upadhyay	M.Sc(Medical Biochemistry) Ph.D. (Medical Biochemistry)	Assistant Professor	Member of Cultural and Nodal Committee HIMSR	
DEPARTMENT OF PHARMACOLOGY					
1.	Prof. Arunabha Ray	MD, PhD	Professor		
2.	Prof. Razi Ahmad	DCH, MD	Professor	Coordinator Pharmacovigilance programme of India Member secretary IEC-HIMSR	
3.	Dr. Shoma Mukherjee	MD	Assistant professor	Depty coordinator PvPI	
4.	Dr. Sana Rahman	MD	Assistant professor		
5.	Dr. Nusrat Nabi	MD	Assistant professor		

DEPARTMENT OF PATHOLOGY

1.	Dr Sujata Jetley	MD Path	Professor & HOD	<p>Co-Ordinator, IInd Professional MBBS course</p> <p>Lab Director, HAHC Hospital Labs for NABL Chairperson, Hospital Transfusion Committee, HAHC Hospital Convener, Curriculum Sub Committee Phase II</p>
2.	Dr. Sabina Khan	MD Path	Professor	<p>Chairperson, Institutional Ethics Committee, Jamia Millia Islamia, New Delhi</p> <p>Biosafety officer, Institutional biosafety committee, JMI</p> <p>Member, Institutional Ethics Committee, Jamia Hamdard, New Delhi</p> <p>Member, Institutional Ethics Committee, HIMSR, New Delhi</p> <p>Member, Research Project Advisory Committee (RPAC), HIMSR</p> <p>Coordinator IQAC cell HIMSR</p> <p>Co-coordinator, Medical Education Unit, HIMSR</p> <p>Chairperson, Library Committee, HIMSR</p> <p>Member, Curriculum Committee, HIMSR</p> <p>Member, Cultural Committee, HIMSR</p> <p>Member, UG Committee, HIMSR</p> <p>Incharge, Academic meets, HIMSR</p> <p>Member Hospital Transfusion Committee, HAHC Hospital</p> <p>Member AETCOM team HIMSR</p>

3.	Dr Zeeba Jairajpuri	MD Path	Professor	<p>Incharge Examination Cell, HIMSR NIRF Faculty In Charge, HIMSR NAAC Faculty In Charge, HIMSR Anti-ragging Committee Member Grievance Committee</p> <p>Member Secretary Hospital Transfusion Committee, HAHC Hospital</p> <p>Member Secretary IQAC cell HIMSR</p> <p>Member Quality Assurance Cell</p> <p>Member Student Research Advisory Committee</p> <p>Of Ph.D. Students, Faculty Of Pharmacy And Department Of Biochemistry</p> <p>Member Curriculum Sub-Committee Phase II.</p>	<p>1. E Learning course ISO 15189:2012 “Medical laboratories: Requirements or quality and competence” organized by Training and capacity building (TCB) Cell, Quality Council of India on 13th July 2021</p> <p>2. Course on Royal College Pathology Datasets, MEU India. Nov 21- April 22</p>
4.	Dr Safia Rana	DNB Path & DCP	Associate Professor	<p>Member Externship and internship committee</p> <p>Deputy Medical Superintendent MBBS Professional exam</p>	<p>E Learning course ISO 15189:2012 “Medical laboratories: Requirements or quality and competence” organized by Training and capacity building (TCB) Cell, Quality Council of India on 13th July 2021</p> <p>Course on Royal College Pathology Datasets, MEU India. Nov 21- April 22</p>

5.	Dr Shaan Khetrapal Modi	MD Path	Associate Professor	Co-ordinator, Mentorship Program Member secretary, Quality check team for cafeteria in HIMSR	1. E Learning course ISO 15189:2 012 “Medical laborato ries: Require ments or quality and competence” organized by Trainin g and capacity building (TCB) Cell, Quality Council of India on 13 th July 2021 Course on Royal College Pathology Datasets, MEU India. Nov 21- April 22
6.	Dr Nehal Ahmad	MD Path	Associate Professor	Departmental Library Incharge Coordinator for CPC from pathology side	
7.	Dr Shivali Sehgal	MD Path	Associate Professor	Member, Curriculum Subcommittee: Phase-I	
8.	Dr Rubina Mohroo	MD Path	Assistant Prof	Warden of AMHR Girls Hostel Member Anti- ragging Committee	Certificate Course in Bio Medical Research
DEPARTMENT OF MICROBIOLOGY					
1.	Dr.Charoo Hans	MD	HOD	Chairperson for hospital infection control & Bio Medical waste management committee for Beuro of Indian Standard	NA
2.	Dr.Mehvash Haider	MD	Associate Professor	1.Hospital Infection Control officer	NA

3.	Dr. Neetu Shree	MD	Associate Professor	Worked as Quality manager of the Microbiology Lab for NABL Accreditation Member: Admission committee	* WHO Certificate course in Hand Hygiene **WHO Certificate course in Hospital infection control
4.	Dr. Stuti Kaushik	MD	Assistant professor		NA
5.	Dr. Ayan Kumar Das	Msc. PhD	Assistant professor	Member: Hospital Infection control committee Admission committee Library committee	NA
6.	Dr. Saba Alam	MBBS	Demonstrator		NA
7.	Dr. Shyamasree Nandy	Msc. PhD	Demonstrator		NA
8.	Dr. Midhat	MD	Senior resident		NA
9.	Dr. Sarita	MD	Senior resident		

DEPARTMENT OF FORENSIC MEDICINE

1.	Dr. Amit Sharma	MBBS, MD	Prof & Head	In-charge of MRD, In-charge of Admission & Examination Cell	
2.	Dr. Shahina	MBBS, MD	Associate Prof.		
3.	Dr. Sarthak Aeron	MBBS, MD	Assistant Prof.		

DEPARTMENT OF COMMUNITY MEDICINE

1.	Dr. Farzana Islam	MBBS, MD	Professor & Head of Department	Chairperson, HIMSR Admission Committee Member, Anti-ragging Committee HIMSR Member Secretary, Institutional Board Committee PG Research Committee Teacher Representative, Alumni Committee	
----	-------------------	----------	--------------------------------	--	--

2.	Dr. Sushovan Roy	MBBS, MD	Associate Professor	Chairperson, Cultural & Literary Committee HIMSR	
3.	Dr. Faheem Ahmad	MBBS, MD, MBA	Associate Professor		
4.	Dr. Aqsa Shaikh	MBBS, MD,	Associate Professor	Deputy Nodal Officer Covid- 19 Surveillance, Nodal Officer, Covid-19 Vaccination Centre, Member, Curriculum Committee HIMSR Member, Internal Complaints Committee Member, Cultural & Literary Committee HIMSR Member Publication Committee Member Secretary, Alumni Committee	Director, Human Solidarity Foundation (NGO) Advisor, Council on Sexual, Reproductive, Health and Gender Education, South Indian Medical Students Association
5.	Dr. Yasir Alvi	MBBS, MD	Assistant Professor		
6.	Dr. Archana Thakur	MBBS, MD, DNB	Assistant Professor		
7.	Dr. Richa Gautam	MBBS, MD, DNB	Assistant Professor		
DEPARTMENT OF GENERAL MEDICINE					
1.	Prof Sunil Kohli	MD, MBBS	Professor	Head of Department	
2.	Prof Prem Kapur	MD, MBBS	Professor		
3.	Prof Vindu Amitabh	MD, MBBS	Professor		
4.	Prof Anwar Habib	MD, MBBS	Professor		
5.	Prof Vineet Jain	MD, MBBS	Professor		
6.	Dr Afreen Khan	MD, MBBS	Associate Prof		
7.	Dr Ashraf Khan	MD, MBBS	Assistant Prof		
8.	Dr Afroz Jamal	MD, MBBS	Assistant Prof		
9.	Dr Dharmander Singh	MD, MBBS	Assistant Prof		
10.	Dr Arvind Kumar	MD, MBBS	Assistant Prof		
DEPARTMENT OF DERMATOLOGY, VENEREOLOGY & LEPROLOGY					
1.	Mukesh Manjhi	MBBS, MD Dermatology	Associate professor	Head of the department	-
2.	Shafia Nisar Kakroo	MBBS, MD Dermatology	Assistant professor	none	-

3.	Ashraf Jamal	MBBS, MD Dermatology	Assistant professor	none	-
DEPARTMENT OF PSYCHIATRY					
1.	Dr Nimmi A Jose	MD(Psych), MRCPsych	Associate Professor & Head	--	--
2.	Dr Rashmi Prakash	MD (Psych), DNB	Assistant Professor	--	--
DEPARTMENT OF PAEDIATRICS					
1.	Dr Rekha Harish	MD	Professor		
2.	Dr. J N Mohapatra	MD	Professor		
3.	Dr. Aparma Charravarty	MD	Associate Professor		Relieved on 19 July 2022
4.	Dr. Nidhi Bedi	MD	Associate Professor		Resigned on 5 August 2021
5.	Dr Afreen Khan	MD	Assistant professor	Incharge of 2018 batch Immunization Supervisor	
6.	Dr. Kaifi Siddiqui	DCH, DNB, Pediatrics	Assistant professor	Incharge of Mbbs 2019 batch,	NICU Incharge from Aug 2021 till march 2022 Relieved on 14 th Jan'23
7.	Dr Mohd Ayub Ansari	MD	Assistant professor		Resigned on 1 st Dec 2021 and rejoined in September'22
8.	Dr. Sana Salim Khan	MD	Assistant professor	Incharge of MBBS 2020 batch,	
DEPARTMENT OF SURGERY					
1.	Dr. Musharraf Husain	MS,DNB,MNAMS, MRCS, FACRSI	Prof. & HOD	Medical Superintendent, HAHC Hospital. Coordinator MEU, Chairman Curriculum Committee	
2.	Dr. Ajay Thakral	MS (General Surgery)	Professor	Surgery Unit Head HOD Central skill lab In charge PG teaching Member MEU Fellowship in MAS	

3.	Dr. M Mohsin	MS (General Surgery) FMAS	Associate Prof.		
4.	Dr. Divas Prasad	MS (General Surgery)	Associate Prof.		
5.	Dr. Rayees Ahmad Bhat	MS in General Surgery, FNB (in laparoscopic GI surgery)	Associate Prof.		
6.	Dr. Sachin Katyal	MS, MCh (Pediatric Surgery)	Assistant Prof.		
7.	Dr. Manzoor Ahmed	MS (General Surgery)	Assistant Prof.		
8.	Dr. Tajammul Rashid	MS (General Surgery)	Assistant Prof.		
9.	Dr. Mohd. Saquib	MCh Plastic Surgery	Assistant Prof.		
10.	Dr. Tarun Gupta	MS, FACS, FRCS	Assistant Prof.		
11.	Dr. Sheikh viqar	MS (General Surgery)	Assistant Prof.		
12.	Dr. Atul Agarwal	MCh Neurosurgery	Assistant Prof.		
13.	Dr. Fahad Tauheed	MS (General Surgery)	Assistant Prof.		

DEPARTMENT OF ORTHOPAEDICS

1.	Prof. (Dr.) Sandeep Kumar	M.S (Ortho)	Professor & Head		
2.	Prof. (Dr.) Javed Jameel	M.S (Ortho)	Professor		
3.	Prof. (Dr.) Owais Ahmed Qureshi	M.S (Ortho)	Professor	Head of Emergency Medicine	
4.	Dr Arvind Kumar	M.S (Ortho)	Assistant Professor		Relieved on 14/03/2022
5.	Dr Abdul Majeed	M.S (Ortho)	Assistant Professor		Relieved on 09/05/2022
6.	Dr. Siddhartha Sinha	M.S (Ortho)	Assistant Professor		

DEPARTMENT OF OPHTHALMOLOGY

1.	Prof V.S.Gupta	MS (Ophthalmology)	Prof & Head	----	----
2.	Dr. Hina Kauser	MS (Ophthalmology)	Associate Prof	---	--
3.	Dr. Taskin Khan	MS (Ophthalmology)	Assistant Prof	---	--

4.	Dr Monika	MS (Ophthalmology)	Assistant Prof	---	---
DEPARTMENT OF OTORHINOLARYNGOLOGY- HEAD & NECK SURGERY					
1.	Prof. (Dr.) Khaja Naseeruddin	M.S, D.L.O, F.I.A.O	Professor & Head		
2.	Dr. Seema Monga	M.S (ENT)	Professor		
3.	Dr. Arun P. Sharma	M.S (ENT)	Assoc. Professor		
4.	Dr. Shahid Rasool	M.S (ENT)	Assistant Professor		
DEPARTMENT OF OBST. & GYNAE					
1.	Dr Aruna Nigam	MS (2003)	Professor & HoD	-	
2.	Dr Arifa Anwar Elahi	DNB (2004)	Professor	-	
3.	Dr Sumedha Sharma	MS(2007)	Addl/Assoc Professor		
4.	Dr Nidhi Gupta	MS(2013)	Addl/Assoc Professor		
5.	Dr Arpita De	MS(2008)	Asst Professor		
6.	Dr Dina Aisha Khan	MD(2018)	Asst Professor		
7.	Dr.Pallavi Gupta	DNB(2019)	Asst Professor		
DEPARTMENT OF ANESTHESIOLOGY					
1.	Dr. Kharat Mohd Batt	MBBS, MD	Professor		
2.	Dr. Jyotsna Agarwal	MBBS, MD Interventional Pain Medicine & Diploma in Hospital Management	Professor	Member Institutional Ethics Committee	Redesignation from Associate Professor as Professor on 12.10.2022
3.	Dr. Pratibha Panjar	MBBS, DA, DNB	Associate Professor	Member Code Blue Committee, HIMSR	
4.	Dr. Samiksha Khanuja	MBBS, MD	Associate Professor		

5.	Dr. Irshad Yousuf	MBBS, DNB	Assistant Professor		Transferred from Anaesthesia to Emergency Medicine on 25.01.2022
6.	Dr. Sana Yasmin Hussain	MBBS, MD	Assistant Professor		Resigned on 03.02.2022
7.	Dr. Vertika Sargam	MBBS, MD, PDCC CARDIAC ANAESTHESIA	Assistant Professor		
8.	Dr. Sargam Goel	MBBS, MD	Assistant Professor		Resigned on 31.12.2021
9.	Dr. Kanika Rustagi	MBBS, MD, DM Onco anaesthesia	Assistant Professor		Stat resignation on 15.05.2021
10.	Dr. Tahir Ahamad Masoodi	MBBS, MD	Assistant Professor		
DEPARTMENT OF RADIO-DIAGNOSIS					
1.	Prof. Dr.) Abhinav Jain	DNB, MNAMS	Professor	HOD	NA
2.	Dr. Priyanka Mattoo	MD	Assistant Professor	NA	NA
3.	Dr. Syed Ruzina Firdose	MD	Assistant Professor	NA	NA
DEPARTMENT OF DENTISTRY					
1.	Dr. Nilima Sharma	MDS	Professor & Head	Academics Clinical Work Research Work Administrative Maintenance of OPD & Dental equipment including dental chair	
2.	Dr. Akbar Naqvi	MDS	Associate Professor	Academics Clinical Research Work	
3.	Dr, Chhavi Jian	MDS	Assistant Professor	Academics Clinical Research Work	
DEPARTMENT OF RESPIRATORY MEDICINE					
1.	Dr. Sumeera Bandy	MBBS ,MD	Associate professor		
2.	Dr. Shamim Ullah Khan	MBBS ,MD	Assistant professor		

4. B. Detail of Adjunct/Visiting Professor (additional row may be added): NA

Sl. No.	Name	Subject/Course	Specialization	Any other information
1	Dr Anil Solanki	Retina Vitreo Consultant	Retina Consultant	Twice Day (Tuesday/ Friday)

5. Courses/Programmes of the Department

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
HIMSR Undergraduate Programme				
	MBBS	UG	150	150
HIMSR Postgraduate Programme				
1	MS Anatomy	PG	03	-
2	MSc. Anatomy	PG	08	4
3	MSc Physiology 1st/2 nd /3 rd	PG	8/8/8	3/3/7
	PhD Physiology		-	3
4	MD Biochemistry	PG	2	-
5	MSc Medical Biochemistry	PG	8	04
6	Ph.D Medical Biochemistry	Doctoral	4	-
7	MD Pathology	PG	3	3
8	MD Pharmacology	PG	04	1
9	M.Sc Pharmacology	PG	05	1
10	Ph.D Pharmacology	Doctoral	03	-
11	MS ENT	PG	2	2
12	MD Community Medicine	PG	3	3
13	Masters in Public Health	PG	6	4
14	Ph D Community Medicine	Doctoral	3	3
15	MD Anaesthesia	PG	4	4
16	MS Orthopaedics	PG	3	3
17	MD Obs & Gynae	PG	4	4
18	MD Medicine	PG	4	4
19	MD(Pediatrics)	PG	4	4
20	MD Microbiology	PG	02	1
21	MSc Medical	PG	08	07
Microbiology				
22	PhD medical Microbiology	Doctoral	02	1
23	MS Ophthalmology	PG	03	03
24	MS General Sugary	PG	04	04
25	MD Radio-Diagnosis	PG	03	03

6. New study programme (s) launched during 2021 – 2022 Academic Session:

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	MD Radio-Diagnosis	PG	3	3

7. Facilities for students or research scholars created during the year (including procurement of equipment costing more than 5 lacs):

Sl. No.	Name	Purpose	User
1	ELISA Reader	Estimation of inflammatory markers Research work in department	M.Sc./MD/PhD. students
2	Macquet Ventilator (Donated)	For Respiratory support and ventilation	In Paediatrics
3	Olympus Binocular microscopes (10)	Teaching and research	Anatomy students
4	Wax melting jar	Teaching and research	Anatomy students
5	AD Instruments	MBBS and PGs students practical in Physio Dept.	
6	Cell Culture Laboratory	Research purposes and training to PG/PhD students	Biochemistry

8. A. PhD scholars' detail (currently enrolled): 2021-2022:

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)	With fellowship/ without fellowship	Fellowship awarding agency
1	Rahat Ali	To evaluate the effect of natural bioactive compounds in chemically induced Parkinson Disease in Animal model	Dr. Razi Ahmad	JH	Without	
2	Juveria Usmani	Evaluation of effect of Carica papaya leaf extract on Cecal ligation and puncture induced sepsis in rat		JH	Without	
3	Rafi Ahmad		Dr. A.Ray	JH	Without	
4	Nafaa Hasan		Dr. A.Ray	JH	Without	

5	Rahat Ali	To evaluate the effect of natural bioactive compounds in chemically induced Parkinson Disease in Animal model	Dr. Razi Ahmad	JH	Without	
6	Juveria Umani	Evaluation of effect of Carica papaya leaf extract on Cecal ligation and puncture induced sepsis in rat		JH	Without	
7	Dr Soumalya Ghosh	Assessment of the effectiveness of a Behavior Change Communication Programme on Knowledge, Attitude and Practice towards Human Papilloma Virus, Cervical cancer screening and HPV Vaccination among adolescent girls and women in East Singhbhum district: A mixed method study.	Supervisor- Dr. Farzana Islam Co- supervisors- Dr. Aqsa Shaikh Dr. Richa Gautam	JH	Without	
8	Dr Quazi Taufique Ahmad		Supervisor- Dr. Farzana Islam Co- supervisor Dr. Faheen Ahmad Dr. Yasir Alvi	JH	Without	

9	Dr. Reshmi Chhokar		Supervisor- Dr. Sushovan Roy Co-supervisors Dr. Yasir Alvi Dr. Varun Kashyap	JH	Without	
10	2021-Almas	SRAC pending	Dr.Mehvash Haider	JH	Without fellowship	
11	Sohrab A Khan	Effect of combined exercise and manual therapy on molecular markers in patients with knee osteoarthritis	Prof.(Dr.) M.I. Alam	JH	without fellowship	
12	Dr. Abhirup Bandopadhyaya	Sterile Inflammatory Molecules (Damage Associated Molecular Pattern Molecules): Development as Biomarkers for pre-eclampsia	Prof.(Dr.) M.I. Alam	JH	without fellowship	
13	Huma Quasimi	Characterization of sterile inflammatory biomarkers for the development of pre-eclampsia and its pathogenesis	Prof.(Dr.) M.I. Alam	JH	with fellowship	SRF- ICMR
14	Saher Tabassum (Resigned on 25.03.2022)	Impact of high intensity respiratory muscle training in service COPD patients on Non-Invasive ventilation	Prof.(Dr.) M.I. Alam	JH	with fellowship	UGC-JRF
15	Abdul Latiful Khabir	Effect of combined HIIT and resistance training on HRV and VO2 max in patients with T2DM	Prof.(Dr.) M.I. Alam	JH	with fellowship	UGC-JRF

16	Vinita Manchanda	In-process	Prof.(Dr.) M.I. Alam	MoU	without fellowship	
17	Aliya Mufti	Neuromodulation of cortical excitability & plasticity by low frequency repetitive tra	Prof.(Dr.) M.I. Alam	JH	without fellowship	
18	Muneeb Qadir	In-process	Prof.(Dr.) M.I. Alam	JH	without fellowship	
19	Sheema Wazib	In-process	Prof.(Dr.) M.I. Alam	JH	without fellowship	

B. Seminars/symposium/conferences/workshops/CME/faculty development programmes organized by the Department : 2021-2022:

Sl. No.	Topic/Theme	Dates	Sponsoring Society/Association any, if	No. of participants
1	World Patient Safety Day Theme: "Safe Maternal & Newborn Care".	18.09.2021	-	100
2	Workshop "Management of Airway and Pain" (The MAP)	30.03.2022	-	36
3	Measles-Rubella Surveillance training workshop for medical officers – 26th and 27th August 2021	26/08/2021-27/08/2021	CDMO office East District South	50
4	Obstetrics skills: tips and tricks (for PG)	30 th Oct 2021		120
5	Public Forum Cancer prevention	8 th March, 2022		100
6	1 st annual conference of department of Psychiatry 'Mental health in an unequal world'	08/10/21	-	50
7	CME on Basics & clinical Application of Radiology	8 th _9 th October, 2021	HIMSR	150+
8	Formation of NMC and its Functions	06/01/2022		Dr. Amit Sharma, Dr. Shahina, Dr. Sarthak Aeron, Dr. Zenis Baluja

9	Recent updates in Clinical Toxicology	03/02/2022		Dr. Amit Sharma, Dr. Shahina, Dr. Sarthak Aeron, Dr. Zenis Baluja
10	Surgery Conference	3 rd August to 7 th August	American College Of Surgeons	More than 200

9. Lectures/Talks by invited speakers:

Sl. No.	Speaker	Organization	Title/Topic	Date
1	Dr. Sylvia Karpagam	St. John's Medical College and Hospital	Childhood Malnutrition	24.06.2021
2	Dr. Sachin Desai, Associate Professor	S Nijalingappa medical college and HSK hospital and RC, Bagalkot, Karnataka	Dementia: A Public Health	05.09.2021
3	Mr. Kapil Matta	School of Management, Jamia Hamdard	Budgeting basics and its types	27.09.2021
4	Dr. Harikeerthan Raghuram	Sangath, India	Community-based Participatory Research	26.10.2021
5	Dr. Harikeerthan Raghuram	Sangath, India	Mental Health Act	26.11.2021
6	Meenakshi Nagwekar and Mahima	Sister living Works	Mental Health Prevention and Suicide	10.12.21
7	Dr Shaily MiNIL	Vardhaman Mahavir Medical College, New Delhi	Women mental COVID times health	08/10/21
8	Dr Satendra Singh	UCMS/GTB Hospital, New Delhi	Mental health of persons with disabilities	08/10/21
9	Dr Vivek Rustagi	Tihar Jail, New Delhi	Addressing mental health needs of prisoners	08/10/21
10	Dr Aqsa Sheikh	HIMSR, New Delhi	Mental health challenges in LGBTQ community	08/10/21
11	Dr. Praveen Gulati	Gulati Imaging Institute, New Delhi	Basics of MRI	June 2021
12	Dr. Vishal Goel	Max Hospital Saket New Delhi	Basic of CT	July 2021
13	Dr. Raghav Aggarwal	Dr. ML Aggarwal Education Trust, New Delhi	Introduction Ultrasound to MSK	Aug 2021

14	Dr. Sanjay Dhawan	Paras Gurugram	Hospital	Neuro Imaging	Sep 2021
15	Dr Abhinav Jain	HIMSR		Radiological ophthalmology Basics in	
16	Dr Shaily Mina	VMMC, Safdarjung Hospital, New Delhi		Women's mental health during COVID times	08/10/21
17	Dr Satendra Singh	UCMS, New Delhi		Mental health of persons with disabilities	08/10/21
18	Dr Vivek Rustogi	Central Jail Hospital, Tihar Jail, New Delhi		Addressing mental health needs of prisoners	08/10/21
19	Dr Aqsa Sheikh	HIMSR, New Delhi		Mental health challenges of LGBTQ community	08/10/21
20	Dr. Abhinav Jain	Hamdard Institute of Medical Sciences and Research		Interpreting X rays	16 July 2021, 23 rd July 2021
21	Prof. (Dr.) Pavitra Ganguly	Surgery department		Ergonomics in Laparoscopic Surgery	11.11.2021
22	Dr. Tarun Gupta	Surgery department		Know Your Surgical Instruments	11.11.2021

10. Visits by distinguished individual/delegates in the Department:

Sl. No.	Visitor/Delegate	Organization	Purpose of visit	Date
1	Dr Arindam Ray,	BMJ	HPV project	
2	Shri Amod Kanth	Former IPS DGP, Founder & General Secretary of PRAYAS NGO	Chief guest for the 1 st Annual conference of Department of Psychiatry	08/10/21
3	Ms. Payden, Deputy Country Head,	WHO India Country Office	WHO Unity Protocol	11th November, 2021
4	Dr. Ishwar Singh	Director Professor, MAMC, New Delhi	Departmental Board of studies Meeting	31 st Aug, 2021
5	Dr. Neelima Gupta	Director Professor, UCMS, New Delhi	Departmental Board of studies Meeting	31 st Aug, 2021
6	Prof. Kavita Gulati	VPCI, University of Delhi	As Technical Expert for Research project evaluation etc.	
7	Prof. Devesh Gupta	NIMS, Greater Noida	External examiner	
8	Prof. Sudhir Sarangi	AIIMS, New Delhi	External examiner	
9	Dr. Rahul Sachdev	BR Diagnostics New Delhi	Elastography	5-08-2021

10	Dr. Nitin P Gonghe	Apolo Hospital New Delhi	Intervention procedure	1-09-2021
11	Dr. O P Bansal	IRIA	PC-PNDT	23-10-2021
12	Dr. Ravi Aggarwal	Dr. ML Aggarwal Education Trust, New Delhi	Barium Procedures & Fleuroscopy	26-11-2021

11. Sponsored projects:

A. Projects completed during the year (projects awarded to teachers as Principal Investigator should only be included) :

Sl. No.	Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis (teacher-wise information may be provided)	Title of project Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration		Research fellows appointed (please indicate No. of JRF/ SRF/Other staff appointed in the scheme)
				Start date	End date	
1		Dr.(Prof.) Jagannath Mohapatra	An open label, randomized, active controlled, multi-centric Phase II/III, study in Indian toddlers and infants to assess the immunogenicity and safety of SIIPL HEXASIIL™ (DTwP-HepB-IPV-Hib) Vaccine in comparison with SIIPL PENTAVAC (DTwP-HepB-Hib) + Poliovac (IPV) administered as separate injections Serum Institute of India pvt limited (Rs 44,803/-)	18 - Feb - 2020	Continuing	
2		Dr. Afreen Khan	Acute Diarrheal Surveillance and Molecular Testing for Shigella in India The Wellcome Trust Research Laboratory, Christian Medical College, Vellore, India Rs. 14.5 Lakh (towards manpower, sample collection and shipment)	21 - Mar - 2022	Continuing	1-Co-ordinator 2-supervisor

3		Dr. Jyotsna Agarwal	A study of patient's knowledge and awareness of patient factors influencing peri-operative risks and their perception of patient participation in enhancing their own perioperative safety. (CTRI/2020/10/028318)			
4		Dr. Jyotsna Agarwal	Correlation of preoperative IVC collapsibility with preoperative fasting status, patient demography and general anaesthesia induced hypotension: a prospective, observational study. (CTRI/2020/10/028332)			
5		Dr. Samiksha Khanuja	Intraocular pressure changes following laryngoscopy & tracheal intubation with Macintosh laryngoscope (King Vision) in non-ophthalmic surgeries: A Randomized Study.			
6		PI: Dr Faheem Ahmed Co-PI:, Dr Farzana Islam, Dr Yasir	Effectiveness of Covaxin and Covishield vaccines against severe COVID-19 in India, 2021: Multi-centric hospital-based case control study	Jan 2021	March 2021	4
7		PI: Dr Farzana Islam, Co-PI: Dr Yasir Alvi, Dr Faheem Ahmad, Dr Sushovan Roy	An epidemiological study to assess household transmission and associated risk factors for COVID-19 disease amongst residents of Delhi, India	Jan 2020	March 2021	3
8		Dr.Farzana Islam, Dr Aqsa Shaikh, Dr Yasir Alvi	Assessment of Potential Risk Factors for COVID-19 among Health Care Workers in a Health Care Setting in Delhi, India	Jan 2020	March 2021	3

9		Dr Sana Alam	Project titled “Study analyzing the possible role of glycated DNA in the pathophysiology of Pre-diabetes” has been approved (Reference ID 2020 - 10272). STS-ICMR Rs20,000.	9 TH JUNE 2020- Protocol approval received	24th March 2022 (Approval report received)	
10		Dr. Sunil Kohli	A phase 2/3, observer-blind, randomized, controlled study to determine the safety and immunogenicity of COVOVAX [SARS-CoV-2 recombinant spike protein nanoparticle vaccine (SARS-CoV-2 rS) with Matrix-M1™ adjuvant] in Indian adults	2021	2022	
11		Dr. Sunil Kohli	Strengthening of a GCP compliant field site in an urban community in Delhi to accelerate Phase 2/3 COVID-19 vaccine trials in India	2021	2022	
12		Dr. Sunil Kohli	Phase II/III, observer-blind, randomized, controlled study to determine the safety and immunogenicity of COVOVAX [SARS-CoV-2 Recombinant Spike Protein Nanoparticle Vaccine (SARS-CoV-2 rS) with Matrix-M1™ adjuvant] in Indian adults aged ≥18 years and children aged 2 to 17 years	2021	2022	
13		Dr. Sunil Kohli	Randomized, double blind, placebo-controlled parallel group multicenter phase II/ III adaptive clinical trial to assess the safety and immunogenicity of Gam-COVID-Vac combined vector vaccine for SARS-Cov-2 infection in Indian health subjects	2021	2022	

14		Dr. Sunil Kohli	Phase III, observer-blind, randomized, controlled study to evaluate the safety and immunogenicity of a booster dose of COVOVAX In Indian adults who have received primary vaccination against COVID-19	2021	2022	
15		Dr. Sunil Kohli	A Prospective, Multicentre, Randomized, Active-controlled, Observer-blind, Phase II study seamlessly followed by a Phase III study to evaluate the Safety, Tolerability and immunogenicity of the candidate HGCO19 (COVID-19 vaccine) in healthy subjects	2021	2022	
16		Dr. Sunil Kohli	A Seamless Phase II/III, Observer-blind, Multi-centre, Randomized Clinical Trial to Evaluate Immunogenicity and Safety of BBV87, an Inactivated Chikungunya Virus Vaccine in Healthy Subjects 12-65 Years of Age	2021	2022	

B. Projects awarded during the year 2021-2022: (projects awarded to teachers as Principal Investigator should only be included) : NA

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project, Name of the Funding Agency Amount Sanctioned (in Rs.)	Duration		
			Start date	End date	Current status
	PI: Dr Faheem Ahmed Co-PI: Dr Farzana Islam, Dr Yasir, Dr Richa	Assessment of comparative performance (efficacy and safety) of C-Tb with QuantiFERON-TB Gold Plus and 2 T.U. Tuberculin PPD RT23 SSI for detection of TB infection in general and key population	2021	2023	Ongoing
	PI: Dr Farzana Islam Co-PI: Dr Aqsa Shaikh, Dr Yasir Alvi, Dr Richa	An interventional study to assess impact of behavior modification therapy versus brief advise for tobacco cessation among adult tobacco users residing in a resettlement colony of Delhi	2021	2022	Ongoing

	PI: Dr Farzana Islam, Co-PI: Dr Yasir Alvi, Dr Archana	A cross-sectional study to assess perception and proportion of sexual harassment among working women in health sector of India – An exploration of facts	2021	2022	Ongoing
	PI: Dr Farzana Islam Co-PI: Dr Faheem Ahmed, Dr Richa, Dr Yasir	Community Based Sero-surveillance and incidence of Dengue among residents of South Delhi, India	2022	2023	Ongoing
	PI: Dr Faheem Ahmed Co-PI: Dr Farzana Islam	A quantitative and qualitative assessment of adherence to Isoniazid Preventive Therapy among Children Living with Tuberculosis Patients from Delhi, India.	2021	2023	Approved

C. Ongoing Projects during the year (projects awarded to teachers as Principal Investigator should only be included) :

Academic Year	Name of teacher as PI. Name of co-PIs may be given in parenthesis	Title of project Name of the Funding Agency (may use abbreviations) Amount Sanctioned (in Rs.)	Duration			Research fellows appointed (please indicate No. of JRF/SRF/ Other staff appointed in the scheme)
			Start date	End date	Current status	
	Dr. A. Ray	A study to evaluate the pattern of antimicrobial utilization, adverse events, biomarkers and treatment costs in Intensive Care Unit (ICU) patients in a tertiary care hospital (ICMR- Rs 34 lakhs)	27/08/2019	Dec 2022	Ongoing	One
	Dr. A. Ray	Pharmacological studies to evaluate the effects of Withania somnifera in experimental models of post-traumatic stress disorder (PTSD) and its mechanisms in rats ICMR-Rs 34 lakh.	27/8/2019	Dec 2022		One
2020-till date	DR. J. N Mohaptra	An open label, randomized, active controlled, multi-centric Phase II/III, study in Indian toddlers and infants to assess the immunogenicity and safety of SIIPL HEXASIIL™ (DTwP-HepB-IPV-Hib) Vaccine in comparison with SIIPL PENTAVAC (DTwP-HepB-Hib) + Poliovac (IPV) administered as separate injections Serum Institute of India pvt limited (Rs 44,803/-)	18/02/2020	-	Ongoing	

2022-2023	Dr Afreen Khan	Acute Diarrheal Surveillance and Molecular Testing for Shigella in India The Wellcome Trust Research Laboratory, Christian Medical College, Vellore, India Rs. 14.5 Lakh (towards manpower, sample collection and shipment)	March ' 2022	-	Ongoing	
2021-22	Prof S Jetley	Study of Saphenous vein graft in diabetics and non diabetics with coronary artery disease & its correlation with damage associated molecular pattern proteins ICMR 65 Lakhs	6 th Sept 2020		Running	
2020-21	Dr. Kharat Mohd Batt	3 in number Comparison of blockbuster intubating laryngeal mask airway, channelled king king vision video laryngoscope and flexible fibreoptic scope in patients with simulated immobilized cervical spine: A Randomized Controlled trial. Comparison of phenylephrine versus norepinephrine infusion for prevention and treatment of maternal hypotension during spinal anaesthesia for elective caesarean section: A Randomized, Double Blind Study. Comparison of the efficacy of ultrasound- guided erector spinae plane block performed with different concentrations of bupivacaine for postoperative analgesia, reduction in perioperative stress markers and patient satisfaction in laparoscopic cholecystectomy patients: A Prospective, Randomized, Double blind, Controlled Clinical trials.	19.13.2021 19.03.2021 19.03.2021	24.11.2022 24.11.2022 24.11.2022		

2020-21	Dr. Jyotsna Agarwal	Comparison of effects of intravenous infusion of dexmedetomidine versus low dose ketamine – dexmedetomidine combination on spinal block, surgical stress response and discharge readiness from PACU in orthopedic patients – A Prospective, Randomized Controlled Clinical Trial.	19.13.2021	24.11.2022		
2022	PI: Dr Farzana Islam Co-PI: Dr Faheem Ahmed, Dr Richa, Dr Yasir	Community Based Sero-surveillance and incidence of Dengue among residents of South Delhi, India	2022	2023	Ongoing	
2021	PI: Dr Faheem Ahmed Co-PI: Dr Farzana Islam, Dr Yasir, Dr Richa	Assessment of comparative performance (efficacy and safety) of C-Tb with QuantiFERON-TB Gold Plus and 2 T.U. Tuberculin PPD RT23 SSI for detection of TB infection in general and key population	2021	2021	Ongoing	
2021	PI: Dr Farzana Islam Co-PI: Dr Aqsa Shaikh, Dr Yasir Alvi, Dr Richa	An interventional study to assess impact of behavior modification therapy versus brief advise for tobacco cessation among adult tobacco users residing in a resettlement colony of Delhi	2021	2022	Ongoing	
2021	PI: Dr Farzana Islam, Co-PI: Dr Yasir Alvi, Dr Archana	A cross-sectional study to assess perception and proportion of sexual harassment among working women in health sector of India – An exploration of facts	2021	2022	Ongoing	
2021-2022	Dr. Seema Monga	Role of Elastography Ultrasound in neck swelling Nil	2021		ongoing	
2021-2022	Dr. Seema Monga	Role of gene expert in management of neck swellings. Nil	2021		ongoing	
2021-2022	Dr. Seema Monga	Cross sectional study on risk factors and quality of life analysis of oral cavity cancer patients Nil	2021		ongoing	
2021	Dr. Sachin Katyal	Study of various aspects in the pediatric laparoscopic cholecystectomies: a single-center experience	June	-	Ongoing	

2021	Dr. Tajamul Rashid Dr. Musharraf Husain	Incidence and management of bile duct injuries during laparoscopic cholecystectomy	July	-	Ongoing	
2021	Dr. Musharraf Husain Dr. Divya Prasad	Study on predictive factors and outcome of Male gall bladder	June	-	Ongoing	
2021	Dr. Tajamul Rashid Dr. Musharraf Husain	Prospective study of Incidence and Implications of Fitz Hugh Curtis syndrome	June	-	Ongoing	
2021	Dr. Musharraf Husain Dr. Manzoor Ahmad	Intra-operative grading system for difficult laparoscopic cholecystectomy	July	-	Ongoing	

12. Publications of the Department (detail may be given using the style provided below including impact factor of the journal, if any)

Books

Authored book (not edited)

Dr Aruna Nigam, Dr Alka Kriplani

- Recent Advances in Obstetrics and Gynaecology: Editors Dr Aruna Nigam, Dr Alka Kriplani. Evangel publishers, Delhi. First edition 2021

Authored book (edited)

Edited book: By **Dr. Neetu Shree**

Ananthnarayan & Panikar Textbook of Microbiology, 12 th edition. University press.

Research publications

Sl. No.	Name of teacher	Publication detail (no.)				
		Research paper in journals	Review in journals	Book chapters	Full papers in conference proceedings	Other publications, please specify
1	Dr. Razi Ahmad	2	1	Nil	Nil	Nil
2	Dr. A . Ray	2	Nil	Nil	Nil	Nil
3	Dr. Shoma Mukherjee	1	Nil	Nil	Nil	Nil
4	Dr. Sana Rahman	1	Nil	Nil	Nil	Nil
5	Dr. Nusrat Nabi	3	Nil	Nil	Nil	Nil
6	Dr Rekha Harish	3	-	-	-	

7	Dr. J N Mohapatra		1	-	-	-	
8	Dr.	Aparna	3	-	-	-	1 case
9	Chakravarty						report
10	Dr. Nidhi Bedi		2	-	-	-	
11	Dr Afreen Khan		4	-	-	2	3 Articles in NCD E-bulletin
12	Dr. Kaifi Siddiqui		-	-	-	-	1 Case report
13	Dr Mohd Ayub Ansari		1	-	-	-	1 Case report
14	Dr Sana salim Khan		-	-	-	-	
15	Dr.Shayama .K.Razdan		3	NA	NA	NA	NA
16	Dr.Shalini Kumar		2		1(Sept.21)	NA	NA
17	Dr. Arpita Mahajan		1	NA	NA	NA	NA
18	Dr.Sabah Yaseen		Nil	NA	NA	NA	NA
19	Dr.Jigyasa Passey		5	NA	NA	1(Jan 22)	NA
20	Dr Sujata Jetley		9				
21	Dr Sabina Khan		13				
22	Dr Zeeba Jairajpuri		5	5			
23	Dr Safia Rana		5	5			
24	Dr Shaan Khetrapal		5	1	1		
25	Dr Nehal Ahmad		5				
26	Dr Shivali Sehgal		11				
27	Dr Rubina Mohroo		nil				
28	Dr. Kharat Mohd Batt		4	-	-	-	-
29	Dr. Jyotsna Agarwal		1				
30	Dr. Pratibha Panjar		3	-	-	-	-
31	Dr. Samiksha Khanuja		2	-	-	-	-
32	Dr Farzana Islam		8				
33	Dr. Sushovan Roy		1				
34	Dr.Faheem Ahmad		3				
35	Dr. Aqsa Shaikh		5				
36	Dr Yasir Alvi		14				
37	Dr Varun Kashyap		5				
38	Dr.Archana Thakur		1				-
39	Dr. Farishta Hannah					1	-
40	Dr. Vishal					1	
41	Prof. (Dr.) Nilima Sharma		04	01	---	---	01 Case report
42	Dr. Akbar Naqvi		02	---	---	---	-
43	Dr. Chhavi Jain		01	----	----	---	-

44	Dr Mukesh Manjhi	3	2	-	-	-
45	Dr Shafia Nisar Kakroo	1	-	-	-	-
46	Dr Ashraf Jamal	-	-	-	-	-
47	Dr. Seema Monga	3	-	-	-	-
48	Dr. Shahid Rasool	1	0	0	0	-
49	Dr. Neetu Shree	2	0	1	0	
50	Dr. Stuti Kaushik	1	0	-	0	
51	Dr. Ayan Kumar Das	8	-	-	-	
52	Dr. Shyamasree Nandy	1	0	-	0	-
53	Dr. Midhat Ali Khan	1	0	-	0	
54	Dr Aruna Nigam	2	2	3		
55	Dr Arifa Anwar	3				
56	Dr Arpita De	1				
57	Dr Nidhi Gupta	2				
58	Dr Dina Aisha Khan	2				
59	Prof (Dr) Md Iqbal Alam	5				
60	Dr Shikha Gautam	-				
61	Dr Amina S Zaidi	-				
62	Dr Bhawna Mattoo	-				
63	Dr Raihan Mannan	-				
64	Dr Nimmi A Jose	4				
65	Dr Rashmi Prakash	1				
66	Dr. Sumeera Banday	5				
67	Dr. Shamim Ullah Khan	1				
68	Dr Alpana Saxena	03	-			
69	Dr Sana Alam	02	02			
70	Dr Kailash Chandra	03	02			
71	Dr. Bhumika Upadhyay	02	-	-	-	-
72	Prof. (Dr.) Sandeep Kumar	9	-	-	-	-
73	Prof. (Dr.) Javed Jameel	7	-			
74	Prof. (Dr.) Owais Ahmed Qureshi	4	-			
75	Dr Arvind Kumar	22	8			
76	Dr Abdul Majeed	5	-			
77	Dr. Siddhartha Sinha	17	6			

78	Prof (Dr.) V. S. Gupta	1				
79	Dr Hina Kauser	1				
80	Dr. Taskin Khan	1	-	-	-	-
81	Dr Monika Kapur	3				
82	Dr. Musharraf Husain	3				
83	Dr. Ajay Kumar Thakral	2				
84	Dr. M. Mohsin	2				
85	Dr. Divya Prasad	2				
86	Dr. Sachin Katyal	3				
87	Dr. Manzoor Ahmad	2				
88	Dr. Tajamul Rashid	3				
89	Prof Sunil Kohli	8				
90	Prof Prem Kapur	9				
91	Prof Vineet Jain	4				

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

Dr. Razi Ahmad, Received certificate of recognition by Jamia Hamdard for publishing paper in high impact factor (impact factor 6.5)

Dr. Seema Monga

1. Chaired a session at AOICOM, New Delhi on 10th September 2021.
2. Gave two lectures on Revised Basic Course Workshop, HIMSR in August 2021.
3. Revised Basic Course Workshop In Medical Education Technologies HIMSR 6th -8th April 2021
4. Organized RBCW workshop at HIMSR on 24th August 2021.
5. Organized online AET Com workshop for MBBS students in July 2021.

Dr. Arun P. Sharma

1. Dr. Arun P. Sharma as delegate in 21st Annual Conference Foundation for Head Neck Oncology (FHNO 2021), Thiruvananthapuram, Kerala held on 10th Dec.-12th Dec. 2021

Dr Aruna Nigam

Won first prize in e poster presentation in International Federation of coloposcopy and cervical pathology conference 2021, 1st to 5th July.

A. Membership of Government bodies (such as NAAC, UGC, AICTE, BIS, DBT, DST, ICMR, ICSSR etc.)

Prof M I Alam

Member, Physiology: Project review Committee, ICMR Member, International Advisory Board of UNESCO/UNITWIN **Prof Sujata Jetley:**

Member, National Academy of Medical Sciences (MAMS)

Prof Sabina Khan:

Member, National Academy of Medical Sciences (MAMS)

Dr Zeeba S Jairajpuri:

Member, National Academy of Medical Sciences (MAMS)

Dr Safia Rana

Member, National Academy of Medical Sciences (MNAMS)

Dr Faheem Ahmed, Vice Chair Person, State Task Force, NTEP, Delhi. Dr Reva Tripathi: frequently invited as expert in DBT and ICMR

Prof. Arunabha Ray

1. Expert Member & Chair, ICMR
2. Expert Member, DBT
3. Expert Member, SERB-DST
4. Expert Member, Ministry of AYUSH
5. Expert Member, CCRAS
6. Expert Member, CCRUM
7. Expert Member, CSIR
8. Expert Member, CDSO, MoHFW
9. Expert Member and Chair, DRDO

B. Nomination in corporate bodies of other Universities (e.g., members of Executive Council, Academic Council etc.)

Dr Afreen Khan - IAP, IAP-MEC, IAP-NCDPA

Prof. (Dr.). Khaja Naseeruddin

1. Member, Academic Council, Jamia Hamdard, New Delhi since March 2016 till date.
2. Member, University Court, Central University of Kashmir from 2019 till date.

Prof. M.I. Alam

Member, Board of Management of Paramedical College, AMU, Aligarh

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

Dr. Razi Ahmad, received certificate of appreciation by Indian Medical Association, for excellence in medical teaching.

Dr. Sabina Khan:

1. Awarded SAS eminent fellow membership for outstanding contribution to education & research, July 2021
2. Awarded Women researcher award in ISAC 2021, Coimbatore, India

Dr. Aqsa Shaikh

1. Received Woman of Substance Award 2021 by Society of Menstrual Disorders and Hygiene Management
2. Received Young Achiever Award 2021 by Association of Muslim Doctors

3. Received Excellence in medical education and health education award 2022 by Delhi Medical Association

Dr Arifa Anwar Elahi: Awarded fellowship Indian college of Obstetrician and Gynaecologists

Dr Arifa Anwar Elahi: National Academy of Medical Sciences (India) (MNAMS) 2021

Dr Arifa Anwar Elahi: Life member of Still Birth Society of India SBSI- 00204 – 2021

Prof. Sandeep Kumar:

1. Prof Sandeep Kumar: Completed Indian Orthopaedic Association Senior fellowship at
2. Sports Injury Center (SIC), Vardhaman Mahavir Medical College, New Delhi, India
3. Prof. Sandeep Kumar Appreciation award in recognition of excellent services and contribution to Indian Orthopaedics Association 24th December 2021 at IOACON Goa by Indian Orthopaedics Association.
4. Dr Siddhartha Sinha: Completed Indian Orthopaedic Association Yuva Mentor Fellowship at All India Institute of Medical Sciences (AIIMS), New Delhi, India

Prof. M.I. Alam

Elected Vice President, South Asian Association of Physiology Elected Executive committee member, Physiological Society of India Elected Joint Secretary, Society for Nitric oxide and Allied radicals

D. Invited as keynote or plenary speaker.

Dr Rekha Harish

- Delivered 2 talks during webinar organized in association with IAP Maharashtra on 14th August 2021 on various preventive aspects of NCDs Overview of NCDs by Dr.Rekha Harish Principles of Office Management of Childhood Obesity by Dr. Rekha Harish
- A webinar on Fats and Oils was conducted on 31 st October.
- IAP Healthy Lifestyle day was celebrated on 29th November 2021 on diap platform. The theme for the year was “Physical activity Guidelines” and the title for the celebration was “Don’t just

sit get up and be fit". Dr Paula Goel was the moderator. Dr Remesh Kumar, the president elect, IAP was the Chief Guest. A haemophilic patient presented physical activity by developing safe muscles for safe joints. Dr Upendra K, has presented on "How to promote physical activity in various age groups".

- The Year started off with a National Consultative Meet organised on 27th January 2022 by IYCF and Human Milk Banking Association chapter of IAP in association with Ministry of Family and Health, Government of India. This meeting was organised for updation and revision of IAP IYCF and CLMC guidelines with the Theme: Revisiting IYCF Practices for The Decade of Action. Dr Rekha Harish had highlighted about JUNKS and appealed for the immediate need of action. All the stakeholders were very well sensitised for this important issue.
 - An NCDE Bulletin Volume 2, issue1 was released in January 2022 with the theme on "Sugars and Sweetening agents".
 - ZAYKABHISEHATBHI" RECIPE CONTEST-2 by Non Communicable Diseases Prevention Academy, (A subspecialty chapter of Indian Academy of Paediatrics. Eating right is essential to staying fit. help our future generations adopt enjoy healthy eating habits at the earliest possible age. Open for Adolescents and Youth between 10-25 years of age. Participants can upload their entries under one or all of the five categories- Healthy Snacks, Healthy cakes, Healthy desserts, Mini party meals, Delightful drinks
 - On 4th March 2022, Friday -Interactive webinar on ROLE OF YOGA IN ENHANCING MENTAL WELLBEING AND RESILIENCE IN CHILDREN and ADOLESCENTS.
 - On 5th March 2022, Saturday, 8-10 pm, an interactive session on "Combating Obesity Today", based on case based scenarios was organized on the dIAP platform.
1. Dr. Sabina Khan: Resource faculty for 2 sessions in revised basic course workshop in Medical education technologies, april 2021 at HIMSR, Jamia Hamdard

2. Delivered talk on online assessment relevance in current scenario in international pre conference CME on medical education. Virtual biennial SAAP7 & PSI conference 2021.
3. Dr. Zeeba Jairajpuri: Laboratory & Blood Bank Services: Overview & role of administration at International Institute of health management & research, Delhi
4. Dr. Shaan Khetrapal: Interactive Talk "Women's Health- the red flags" on 17th Dec 2021 at India Habitat Centre, Delhi

Dr. Jyotsna Agarwal –

Speaker in 2nd International Conference of Indian College of Anaesthesiologists. On topic "Anaesthesia for endoscopies and bronchoscopies" December 2021.

Speaker in 68th annual conference of Indian Society of Anaesthesiologists, On topic "Prehospital Trauma Care" November 2021.

"Applications in Ultrasound in Anaesthesia", Midterm conference of society of Defence Anaesthesiologists and Inter command CME: Base hospital, Delhi Cantt 29-30th August 2021.

Dr. Pratibha Panjiar

(Lecture) on Artificial Intelligence in Regional Anaesthesia, ICA Webinar Indian College of Anaesthesiologists, 2021

38th annual academic topic on "Forays of artificial intelligence" February 2022

Prof. Farzana Islam

Invited as one of the panelists by Integrated Health & Wellbeing Council (IHW Council) at India Immunization Summit for panel discussion titled "Bridging the Gaps: COVID-19 Experience" scheduled on 21st August 2021.

Invited as one of the panelists in the dialogue session on Vaccination in the context of COVID-19, 30 April 2021, 11 AM - 1 PM as part of the CORE Net virtual conference

Dr. Aqsa Shaikh

Speaker in Global Scholars Symposium in the panel Multiple Marginalisations on 13th June 2021,

organized by Rhodes and Gates Scholars from Univ of Oxford & Cambridge.

Panelist At Science Gallery Bengaluru's Panel Discussion on "Unpacking Covid-19 from evidence to Action" on 4th June 2021.

Panelist in xSDG Unconference on 31st August 2021 for the panel "How can global health programs be more inclusive?" organized by Belongg, Dalberg, J-PAL and Breakthrough India.

Speaker at Emerging Issues in Sexual and Reproductive Health of Transgender Persons, organized by SAATHII and QKnit on 18 July 2021.

Speaker at National Conference on Transgender Physiology organized by Dhanalakshmi Srinivasan Medical College and Hospital, Tamil Nadu on Public Health issues of Transgender community on 5th Sept 2021.

Panelist at Confluence 2021: LGBTQ+ Inclusivity in Healthcare Education organized by KEM Hospital Mumbai on 8th September 2021.

Speaker at Sisters' Living Conference on The LGBTQIA+ Community and Suicide Prevention on 11th Sept 2021.

Speaker at IIT Kharagpur, Amber, Sexual and Gender Diversity support group, on 5th September 2021.

Speaker at Virtual course in Gendering Medical Education by CEHAT on 24th September 2021.

Speaker at Refresher Course in Gender Studies organized by The Human Resource Development Centre, Jamia Milia Islamia on 28th September 2021.

Speaker at Panel Discussion on Body as Data at Love, Sex and Data Conference on 7th October 2021.

Speaker at Foundation Course for School of Unani Medical Education and Research on 21st October 2021.

Speaker at Panel Discussion on Gender Inequities at EFICON, on 30th October 2021

Speaker at NSS Students orientation to diet in pregnancy organized by SUMER, Jamia Hamdard on 31st October 2021.

Speaker at Dissemination Workshop for WHO funded Unity Studies on 11th November at HIMSR.

Panelist at CME – Gender Dysphoria in Children – The crux of current management, on topic – The impact of stigma on Transgender identity development and mental health at MAMC on 13 November, 2021.

Speaker at Asia Professional Association of Transgender Health Conference held on November 18-19 on Panel – Access to Covid-19 Vaccines amongst Transgender and Hijra Communities in India.

Participated in Panel Discussion on Clarifying the gender lens for mainstreaming gender in medical education At Centre for Ethics, Yenepoya University, Mangalore on 20 November 2021.

Speaker at symposium on "Transgender Health: Towards Equity & Social Justice" organized by Department of Physiology, UCMS on 23rd November 2021 on the topic: Recognising our Unconscious Prejudices to bring change.

Chairperson in Panel Discussion on LGBTQIA+ health education and training in medical, nursing and related fields On 10th December at 2nd LGBTQI+ Health Conference, Delhi.

Panelist at 5th Transform Conference 2021 by Centre for Law and Policy Research at Bangalore on 12th December 2021 – Sexual and Reproductive Health of Queer Persons.

Speaker at 8th AMDCON 2021 Conference on Challenges in Covid-19 Vaccination for Minority Communities.

Panelist at PsyCov-22: National Seminar on Psychological Impact of Covid Pandemic on 11th February. Panel Discussion on Queer-Trans Perspectives on Psychology research in the time of covid, University of Calicut.

Speaker at 2nd Transgender Summit 2022 – Talk on gender Affirmation Surgery for Trans persons, organized by Alliance India.

Speaker at AIIMS Bhopal on 5th March 2022 – A step towards inclusion: Sensitizing medical students and faculty on Trans and Disability inclusion.

Talk on Sexual and Reproductive Healthcare in India: Trans Rights and Reproductive Justice at NLIU Bhopal on 5th March 2022.

Invited Lecture on Unlearning and Learning Transgender Issues-Rights and Wrongs. Central University of Kashmir, Green Campus, Ganderbal, on 14 March 2022.

Panel Discussion on Career Guidance for School Students organized by Department of Education, Government of Delhi on 29th March 2022.

Online Workshop on Trans-inclusive Health Research conducted in association with Sangath India on 31 March 2022.

Dr. Neetu Shree:

Online Lecture on Use of Wantai SARS-CoV2 Ab kit for serosurvey in Himachal Pradesh for WHO project

Dr. Ayan Kumar Das:

Guest Lecture:

“ Microbiological aspects of common genital infections” at Women’s Health week 2022 organized by School of Unani Medical Education & Research, Jamia Hamdard on 01.04.2022

Dr Mukesh Manjhi :

1. RML : Talk on Hair Transplant
2. Arise Forum -Sunpharma , Delhi : Management of Dermatophytosis

1. Prof Sandeep Kumar

- i. Invited as Guest Lecturer** at Gujarat Orthopaedics Association (4th-6th March 2022): “ *Radial Head Fracture- Excision vs Fixation vs Replacement*”
- ii. Invited as Guest Faculty:** ROSACON 13th March 2022, Jaipur
- iii. Invited as Guest Faculty:** GOFCON 26th March to 27th March 2022, at Patna.
- iv. Invited as Faculty:** UPOA PGICL POSTGRADUATE INSTRUCTION COURSE held from 4th December to 5th December 2021 at Teerthanker Mahaveer Medical College, Moradabad (U.P).

v. Invited as Guest Faculty: XXII MAMC ORTHOPAEDICS PG INSTRUCTIONAL COURSE- 2021 held from 21st October to 23rd October, 2021 at Maulana Azad Medical College New Delhi.

vi. Invited as Faculty: DOACON 2021 (Annual Conference of Delhi Orthopaedics Association) held from 26th to 28th November 2021 by Lady Harding Medical College, New Delhi.

vii. Invited as a Chairperson: IOACON 2021 held from 21st to 25th December, 2021 at the Dr. Shyama Prasad Mukherjee Indoor Stadium, Goa, India.

14. Students achievements:

Community medicine dept.: Paper Presentation- 2 ENT: Dr. Simmi Hasan (PG-2nd Year)

Participated in Poster award presentation in RHINOCON.

Topic- Unusual Cases of Primary head and Neck Tuberculosis and review of literature

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

Department of Paediatrics

Research going on

PG Students:

1. Clinical spectrum of Tuberculosis in Adolescent children(10-19 years)
2. Study the predictive value of umbilical cord bilirubin as a predictor of neonatal hyperbilirubinemia in term neonates
3. Study of calf circumference and mid upper arm circumference as a screening tool for detection of low birth new born
4. Study the correlation of umbilical cord blood pH, base deficit and lactate with the out com of hypoxic new born with in 1st 48hours of life and at 6 weeks of life.

UG Student:

1. Prevalance of Body Dysmorphic Disorder(BDD) and level of self-esteem in Indian adolescents(14-18 years)
2. Study of WHO-IYCF indicators and association of WHO complementary feeding indicators with the nutritional status of children 6-23 months in an urban settings (as co-guide)

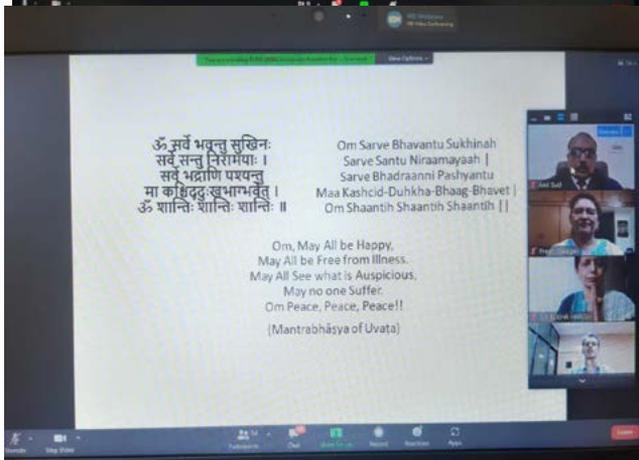
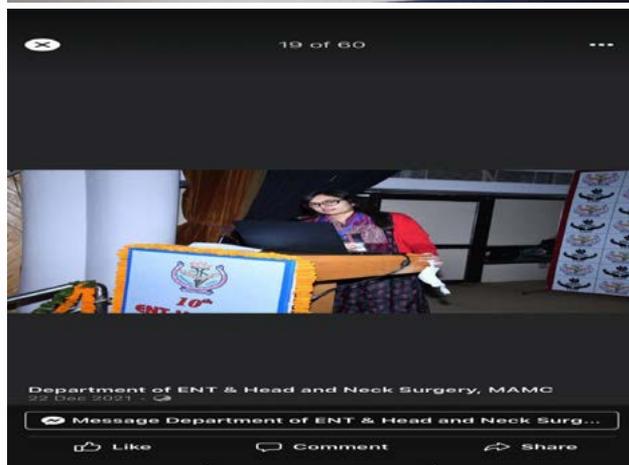
MSc:

1. Etiological role of enteropathogenic Escherichia E.coli in pediatric and adult population presenting with diarrhoea in a tertiary care hospital in Southeast Delhi (Co guide).

15. Any other information

Dr Afreen Khan :

1. Poster presentation in Hematocon 2021
2. Oral paper presentation in North Zone Pedicon 2021, PGI Chandigarh
3. Poster presentation in North Zone Pedicon 2021
4. Completed Revised Basic course workshop in medical education technologies : 8th April'22
5. Compering Webinar series of IAP MEC on CBME(March-May'22)
6. A series of videos on breastfeeding : HIMSR, Delhi in association with IAPSM and Human solidarity foundation
7. Articles in NCD E-bulletin:
 - Bitter effects of Sugar(Jan'22)
 - Non nutritive sweetener(Jan'22)



HMS CENTRAL LIBRARY

Librarian: Mr. Mohammed Shoaib

Jamia Hamdard Library system consists of Central Library and four School Libraries. The Central Library of the Jamia Hamdard was named as Hakim Mohammed Said Central Library in 1992 after the name of younger brother of our Founder Late Hakeem Abdul Hameed Saheb. Since then, the Library has been acquiring quite a large number of resources in conventional and non-conventional forms. The library has more than 2 lakhs items including 30,000 rare books, 18,500 bound volumes of journals. Library subscribes to national and International journals. It has acquired quite a large number of CDs, and more than 3500 manuscripts in Urdu, Arabic and Persian languages.

The Library is fully automated and extensively leverages modern technologies in delivering its services. Presently, Library is using Libsys 7 software a state-of-the-art Integrated Library Management System. Collection is searchable through online catalogue. The library is very rich in oriental collections on different languages including Urdu, Arabic, Persian, etc.

The HMS Central Library is using RFID technology. It is the best automation system used worldwide and is an effective way of managing collections of the library and providing enhanced services to the users having benefits like: self-kiosk for check-in/out of books. The RFID tag captures the book information in microchips and make everyone's job easier right from the users to library staff.

In addition to the various resources, the Library is also a Member of DELNET and INFLIBNET. The Library resources can be accessed from all nodes of Network across the campus.

Services provided by the Library to its users:

- Web OPAC – Online Public Access Catalogue
- Off-Campus Access (Remote Access)
- Institutional Digital Repository
- Circulation Counter
- Inter Library Loan (ILL) – DELNET
- National Digital Library of India (NDLI)
- Manuscript Section
- New Arrival
- Self-Kiosks (For Issue/Return of Books)
- Textbook & Periodical Section
- Book Bank
- Plagiarism Detection Software – Ouriginal

Name of the School Libraries

1. School of Nursing Science and Allied Health Science (SNSAH)
2. School of Pharmaceutical Education & Research (SPER)
3. School of Chemical & Life Sciences (SCLS)
4. School of Unani Medical Education and Research (SUMER)

HMS CENTRAL LIBRARY

1. Librarian: Mr. Mohammed Shoaib

2. Staff members

Sl. No.	Name (in full)	Designation
1	Dr. Riyazuddin	Dy. Librarian
2	Mrs. Nuzhat A. Siddiqui	Asstt. Librarian
3	Dr. Masood Raza	Asstt. Librarian
4	Mr. Zaman Aleem	Professional Assistant
5	Mr. Md. Faruque	Professional Assistant
6	Mrs. Salma	Professional Assistant
7	Mr. Abdul Yazdan	Professional Assistant
8	Mrs. Pooja	Semi-Prof. Assistant
9	Mr. Fazal Kamroon	Semi-Prof. Assistant
10	Mr. Gir Bahadur	Library Attendant
11	Mr. Shamim Akhtar	Library Attendant
12	Mr. Salahuddin Hashmi	Library Attendant
13	Mr. Ashok K Malik	Library Attendant
14	Mr. Irshad	Office Attendant
15	Mr. Qamruddin	MTS

3. Facilities for students or research scholars created during the year 2021-2022 (including procurement of equipment costing more than 5 lakhs):

Sl. No.	Name	Purpose
1.	E-Resource Cell	To facilitate research scholars in accessing the e-resources in the library. The work is in progress.
2.	INFED Membership	Jamia Hamdard Library has signed a MoU with INFLIBNET for accessing subscribed e-resources remotely.
3.	Online Web-OPAC	Online Public Access catalogue (OPAC) enables users to search for the book in possession of the library. It also allows library users to know the number of copies available and the status of the book whether it is issued or available on the stack. It can be accessed on your mobile as well.

4. Seminars/Symposium/Conferences/Workshops/CME/faculty development programmes organized by the Department: 2021-2022

Sl. No.	Topic/Theme	Dates
1.	Orientation Programme on Predatory Journals and UGC-CARE Listing of Journals	Feb 03, 2022



JAMIA HAMDARD KANNUR OFF-CAMPUS, KERALA

Director: Dr. T.P. Mammooty

Jamia Hamdard Kannur Campus started functioning on 4th November, 2013 after getting due approval from the then M/o HRD (now Ministry of Education). Academic year at JH Kannur Campus 2021- 2022 commenced on 9th August, 2021 by reopening classes for ongoing semesters and first semester classes started on 1st October 2021. Kannur Campus has 06 existing UG courses and 01 PG course.

Due to the Covid-19 outbreak, like all other institutions, JH Kannur Campus conducted classes through online mode, delivered webinars, talk sessions, online programmes and competitions to boost the energy of students and also motivate them to move further.

JH Kannur Campus has 12 contractual teachers, 23 guest teachers, 7 non-teaching staff members and 2 janitors on board now. Students at Kannur Camus have enrolled for higher studies including UK, Canada, Germany, etc. Even in India, our alumni spread across at New Delhi, Bangalore, Cochin, Chennai, Pune and so on.

Likewise, our students have also been able to secure jobs not only in India but also abroad particularly in Gulf countries. We also give importance to arts and cultural activities parallel to academics. The final year students were able to go for their Industrial Visits.

In remembrance of our Dear Colleague Aysha Mili, we are happy to announce the *Aysha Mili Memorial Excellency Award '22* and all the awards are sponsored by Hamdi Fellowship, an alumni group formed by our first batch students.

Name of the Departments

1. Department of English
2. Department of Management Studies
3. Department of Psychology
4. Department of Computer science
5. PG Department of Commerce

DEPARTMENT OF ENGLISH

1. **School** : Jamia Hamdard Kannur Off-Campus, Kerala
2. **Department /Centre** : Deptt. of English
3. **Course Coordinator** : Aswathi P
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Aswathi P	MA English, NET	Assistant Professor	Course Co-ordinator
2.	Shimli Sasidharan	MA English, B.Ed, SET, NET	Lecturer	
3.	Febina M	MA English, B.Ed, SET	Lecturer	
4.	Abhinav Balakandy	MA English	Lecturer	
5.	Adithya P	MA English, M.Phil	Lecturer	
6.	Ummul Rizwin C C	MA English, B.Ed	Lecturer	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BA English	UG	60+60+60	60

6. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Dr. N Sajan	Former HOD Sree Narayana College, Kannur	Career Guidance	16/07/2022

DEPARTMENT OF COMPUTER SCIENCE

1. **School** : Jamia Hamdard Kannur Off-Campus, Kerala
2. **Department /Centre** : Department of Computer Science
3. **Course Coordinator** : Devapriya .E.D
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Devapriya .E.D	M.Sc. Computer Science, NET(CS)	Assistant Professor	Course Co-ordinator
2.	Zeena Anuya .V.M.K	MCA,MA Psychology, NET(CS)	Assistant Professor	Deputy Superintendent of Examination
3.	Prajina.B	MCA	Lecturer	
4.	Reena.K.P	M.Sc. Computer Science, NET(CS)	Assistant Professor	
5.	Anusree.M.V	MCA , NET(CS)	Guest Lecturer	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BCA	UG	60+60+60	60

6. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Likhil.T&Roshin.P	Riss Technologies, Kannur	Introduction to Project Development	25.08.21
2.	JaiKishen RamaKrishnan	Jet King Digital Skills Institute,Kochi	Career Guidance in IT Sector	25.11.21

DEPARTMENT OF MANAGEMENT

1. **School** : Jamia Hamdard Kannur Off-Campus, Kerala
2. **Department /Centre** : Department of Management
3. **Course Coordinator** : Jaya. D. Nair
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1.	Jaya. D.Nair	MBA, NET	Assistant Professor	Course Co-ordinator
2.	Noushad .K.P	MBA,NET MCom NET	Assistant Professor	Deputy Superintendent of Examination Academic counselor, IGNOU, vadagara center.
3.	Rajima M.K	MBA.NET	Guest Lecturer	
4.	Athulya..P	MBA.NET	Guest Lecturer	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1.	BBA	UG	60+60+60	60

6. PhD scholars' detail (currently enrolled): 2021-2022

Sl. No.	Name of scholar	Title of PhD thesis	Supervisor(s)	Category (JH/MoU)
1.	Noushad .K.p	Work force Diversity and employee wellbeing	Dr.M.Ayisha Millathi	MoU Allagappa university

7. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1.	Mr.Binoy Balakrishnan	BUV chemicals & Adhesives Kannur	Find your Passion	25.03.21
2.	Aflah & Team	Urban Hub Innovations	Talk on startups	03.12.21

DEPARTMENT OF PSYCHOLOGY

1. **School** : Jamia Hamdard Kannur Off-Campus, Kerala
2. **Department /Centre** : Department of Psychology
3. **Course Coordinator** : Marwa Abdussalam
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Marwa Abdussalam	MSc Counseling Psychology,NET	Assistant Professor	First rank holder in MSc
2	Safa Abdussalam	MSc Counseling Psychology,NET	Lecturer	Second rank holder in MSc
2	Aysha Ashraf	MSc Clinical and Counseling Psychology, NET	Lecturer	
3	Jasmina V M	MSc Biotechnology, MBA	Lecturer	First rank holder in BSc Zoology
4	Mohammed Nadeer A T	MSc Mathematics	Lecturer	
5	Saneeha Sinan	MSc Psychology	Lecturer	
6	Athul G Dev	MSc Mathematics	Lecturer	
7	Zakkiya Jafna	MSc Counseling Psychology	Lecturer	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	BSc Psychology	UG	60+60+60	2019

6. Students achievements

Placements (list companies/organizations visited for campus placement) during 1st April, 2021 to 31st March, 2022

Sl. No.	Name of the Organization/Institution	No. of students placed
1	Byju's	NIL
2	Aditya Birla Capital	4

DEPARTMENT OF COMMERCE

1. **School** : Jamia Hamdard Kannur Off-Campus, Kerala
2. **Department /Centre** : Department of Commerce
3. **Course Coordinator** : Sameem P M
4. **Faculty members:**

Sl. No.	Name (in full)	Qualification (only PG, PhD. & above)	Designation	Any other responsibility/ Achievements/ Awards, additional charge
1	Sameem P M	M.Com, NET, JRF	Assistant Professor	Course Co-ordinator
2	Nafeesathul Misriya M P	M.Com, M.Phil (Commerce), NET, JRF	Assistant Professor	
3	Sameer P A	MBA, NET, M.Com, NET, MA Economics	Assistant Professor	
4	Salina P K	MBA, NET, M.Com, NET	Assistant Professor	
5	Nimna P P	M.Com, B.Ed	Lecturer	
6	Anju Mahendran	M.Com, B.Ed	Lecturer	
7	Aiswarya M	M.Com	Lecturer	
8	Jahfar Puthan Peediyekkal	M.Com, NET	Lecturer	
9	Abdul Rahiman Rasal	M.Com, NET	Lecturer	
10	Nadeera Nasar V P	M.Com, NET	Lecturer	
11	Muhsin Mahmood L V	M.Com, NET	Lecturer	
12	Thanseera K K	M.Com, NET	Lecturer	

5. Courses/Programmes of the Department during 2021-2022

Sl. No.	Name of course	Level (UG/PG/Doctoral)	Approved intake	Enrollment in the year
1	B.Com with Computer Application	UG	60	60
2	B.Com with Finance	UG	60	60
3	M.Com with Finance	PG	40	12

6. Lectures/Talks by invited speakers during 1st April, 2021 to 31st March, 2022

Sl. No.	Speaker	Organization	Title/Topic	Date
1	CA Shibli	Phoneix Edu	Opportunities in Commerce	30/06/2021
	Sarath P	TIME Kannur	Common Admission Test and MBA as a career in the Current Scenario	15/07/2021
3	Mohammed Asad V P	University of West London, Dubai Campus	Tally Your Life Balance Sheet	09/08/2021
4	Rarish p	Government Women's Polytechnic college, Payyannur	Kerala PSC Orientation Programme for Commerce Graduates	20/08/2021
5	Zahan P	IAM, Kannur	Click to Commerce	01/10/2021
6	CMA Shabeer Ali	APS, Kannur	Finance career choices – What can you do with a finance degree?	07/02/2022

STUDENT AID – FELLOWSHIPS AND SCHOLARSHIPS

1. Merit cum Means Scholarship

Across the nine Schools of Jamia Hamdard, this scholarship was given to a total of 33 students. This scholarship is given to the tune of 25%-50% concession in the tuition fees depending on two parameters: a) the aggregate percentage of the students in the previous year, b) to the annual income category below Rs. 4.5 lac per annum.

2. Student Aid Fund

Jamia Hamdard has allocated/earmarked Rs.25 lac for aiding students. This amount has been generously enhanced by our sponsoring body (Hamdard National Foundation) by another Rs. 25 lac. Fee concessions in this category for the year 2021-22 was granted to 256 students across all the schools.

3. HNF Doctoral Fellowship

To encourage research scholars for quality research, Hamdard National Foundation grants an annual scholarship to PhD Scholars who are not receiving fellowships from other agencies. A monthly stipend of INR 12,000 per month is given to promising researchers. A total of 25 scholars availed this fellowship in the academic year 2021-22.

CELEBRATION OF NATIONAL EVENTS

Celebration of Yoga Day

Yoga as a way of life has been embraced whole heartedly at Jamia Hamdard. Apart from a very active Yoga Club, Yoga as a subject has been included as a general elective.

In the year 2022, from 15th April to 21st June around 15 Yoga “shivirs” were organized in and around Jamia Hamdard by the Yoga Club.

The student member secretary Md. Zakee Ahmad bagged the first price in the Yoga Competition held by AICTE.





Jamia Hamdard
(Deemed to be University)
New Delhi
Organises

Recommended as an "Institution of Eminence by Empowered Expert Committee (EEC), Govt. of India

7th International Yoga Day - 21st June 2021



Chief Patron
Mr. Hamid Ahmed
Hon'ble Chancellor
Jamia Hamdard



Yoga for Harmony & Peace

Venue: Main Hall Administrative Block
Time : 11:00 AM



Presided by
Prof. (Dr.) M. Afshar Alam
Hon'ble Vice Chancellor
Jamia Hamdard



Independence Day and Republic Day Celebration



National Education Day 2021



Honorable Governor of Kerala was invited as the Chief Guest. A photo exhibition of the life and work of Maulana Azad was also held.

National Voter's Day



International Women's Day (8th March 2022)



CLUB ACTIVITIES

Inaugural of Mental Health Club



The office of the DSW, Jamia Hamdard cordially invites you all to the launch of the Mental Health Club at the University and Commemorate the

World Mental Health Day: 2021 through “An Interactive session on Emotional Acceptance”

with **Mr. Iqbaal Rizzvi**
Filmmaker and Mental Health Advocate
in collaboration with Nurturelife, a Non Profit for Organization

Chief Patron

Mr. Hamid Ahmed
Chancellor, Jamia Hamdard

Guest of Honour

Mr. Iqbaal Rizzvi
Filmmaker and Mental Health Advocate

Patron

Prof. (Dr.) M. Afshar Alam
Vice-Chancellor, Jamia Hamdard

Prof. (Dr.) M. Afshar Alam
Hon'ble Vice Chancellor will preside.

Saturday, October, 9th 2021 at 11: 00 AM, Via Google Platform
RSVP: DSW, DDSW

Members
Dr. Kapana Zutshi
Dr. Nazia Ali
Dr. Sadaf Siraj

Vice President For Mental Health Club
Dr. Rashida Begum

Dr. Reshma Nasreen DSW
Dr. Zeenat Iqbal DDSW
Ms. Veena Sharma Mental Health Club

  @jamiyahamdardofficial

Inaugural of Film and Drama Club



The office of the DSW, Jamia Hamdard Cordially invites you all to

The Launch of Drama & Film Club

through a **National Webinar**

On **ROLE OF DRAMA AND FILMS TO PROMOTE EDUCATION IN INDIA**

13th November 2021 3:00 pm onwards

Under the Patronage of

Mr. Hamid Ahmed
Chancellor, Jamia Hamdard

Keynote Speaker

Mr. Rahul Roy
Indian Actor, Producer and Model

Prof. (Dr.) M. Afshar Alam
Vice-Chancellor, Jamia Hamdard

JOIN US THROUGH:
 <https://meet.google.com/mss-idoh-vay>
 <https://youtu.be/sCEbf3ypQOo>

DR. JAWED AHMED, President, Drama and Film Club
DR. NUDRAT M. RAHMAN, Vice President Drama And Film Club

MEMBERS DRAMA AND FILM CLUB:
MS. GAUTAMI TRIPATHI
DR. SHERIN ZAFAR
MR. MOHD ZEESHAN
DR. ANGBIN YASMIN
MS. QURATULAIN MUSHTAQUE

RSVP:
Dr. Reshma Nasreen, DSW
Dr. Zeenat Iqbal, DDSW

Inaugural of Eco Club



Mr. Ashish Jain
Founder Director IPCA, Director in RecMech Enviro Pvt. Ltd.



Dr. Radha Goyal
Deputy Director IPCA, Secretary, Society for Indoor Environment (SIE)



Dr. Sapna Jain
President, Eco Club

Dr. Jamshed Haneef
Vice President

Eco Club Members
Dr. Abfoo Aman Anrabi
Ms. Nahid Zebi



The office of the DSW, Jamia Hamdard in collaboration with Indian Pollution Control Association (IPCA) cordially invites you all to the launch of the Eco Club at the University and commemorate the **NATIONAL POLLUTION CONTROL DAY :2021** Through **“An Awareness Session on Air and Waste Management”** With **Mr. Ashish Jain** Founder Director IPCA, Director in RecMech Enviro Pvt. Ltd. **Dr. Radha Goyal** Deputy Director IPCA, Secretary, Society for Indoor Environment (SIE) **Prof. (Dr.) M. Afshar Alam** Hon'ble Vice Chancellor will preside.

Thursday, December 2nd, 2021 at 11:00 AM, via Google Platform

meet.google.com/dwt-ivtt-kza
<https://youtu.be/Cj1vX-5TmPY>



Prof. (Dr.) M. Afshar Alam
Vice-Chancellor, Jamia Hamdard

RSVP:
Mr. Ashish Jain
Founder Director, IPCA
Dr. Radha Goyal
Deputy Director, IPCA
Prof. (Dr.) Reshma Nasreen
DSW
Dr. Zeenat Iqbal
DDSW

Inaugural of Literary Club

Chief Patron



Mr. Hamid Ahmed
Chancellor, Jamia Hamdard

Patron



Prof. (Dr.) M. Afshar Alam
Vice-Chancellor, Jamia Hamdard

Dr. Khurshid Ahmad Ansari
President, Literary Club

Members, Literary Club
Dr. Mohammad Ahmad Naemi
Dr. Meher Fatima
Dr. Sahar Zaidi (PT)



The office of the DSW, Jamia Hamdard cordially invites you all to **Literary Club Inauguration** Guest of Honour **Prof. Purushottam Agarwal** Former Member UPSC and Author **Prof. (Dr.) M. Afshar Alam** Hon'ble Vice Chancellor will preside.

Monday, January, 10th 2022 at 3:30 PM Onward
Via Google Platform

<https://meet.google.com/diq-atsf-teo>
<https://youtu.be/82mPSHnJi0Y>

Guest of Honor and Distinguished Speaker



Prof. Purushottam Agarwal
Former Member UPSC and Author

RSVP:
Prof. (Dr.) Reshma Nasreen
DSW, Jamia Hamdard
Dr. Zeenat Iqbal
Deputy DSW, Jamia Hamdard

SPORTS FACILITIES

Jamia Hamdard is well equipped with following Sports facilities open to both students and faculty:

1. One Cricket Ground (equipped with flood lights)
2. One Basketball Synthetic Court (equipped with flood lights)
3. Two Volleyball Courts (outdoor)
4. Badminton Courts (two indoor courts)
5. Fitness centre/Gym (open for men, women & faculty)
6. Football ground
7. Athletic track (Multipurpose)
8. Long jump pit
9. Shot put sector
10. Discus throw sector
11. Table tennis
12. Carrom & Chess boards



SUMMARY OF SPORTS EVENTS

1. **Table-1** Participation details in Inter-University Tournaments.
2. **Table-2** Participation details in Intramural Tournaments.
3. **Table-3** Details of Sports Activity/Events organised.

Table-1

The Sports teams of Jamia Hamdard participated in the following Inter University Tournaments during the session 2021-2022:

S.NO	SPORTS	EVENT	RESULT
1.	Basketball (Men)	North Zone Inter University Tournament held at Jamia Millia Islamia University, New Delhi from 15.12.2021.	Team Performance was satisfactory and encouraging.
2.	Boxing (Men) Weight Category (71-75 kg)	All India Inter University Tournament held at Lovely Professional University, Punjab from 25.12.2021. to 01 st January 2022	Mr. Balveer Singh Performance was satisfactory and encouraging.

SPORTS PARTICIPATION NORTH ZONE/ ALL INDIA INTER-UNIVERSITY



Jamia Hamdard participated in Basketball (Men) North Zone Inter-University tournament for the session 2021-22 held at Jamia Millia University, New Delhi.



Jamia Hamdard participated in Boxing (Men 70-75kg weight category Red corner) in All India Inter University Tournament held at Lovely Professional University Phagwara, Punjab for the session 2021-2022.

Table-2

The Sports teams of Jamia Hamdard participated in the following Intra-mural Tournaments during the session 2021-22:

S.NO	SPORT	EVENT	Remarks
1.	Cricket (Men)	JMI Cricket Tournament held at Jamia Millia Islamia, New Delhi in December, 2021.	Won the Match in the presence of Vice Chancellor, Jamia Hamdard.



S.NO	SPORT	EVENT	Remarks
2.	Cricket (Men)	Sikri Cricket tournament held at Rajasthan in January, 2021	Mr. Mohd Akib from BA (hons) Islamic Studies student participated in the Sikri Cricket Tournament. His performance was satisfactory and encouraging.



Table-3 Details of Sports Activity/Events organised.

S.NO	SPORT	EVENT	Remarks
1.	Basketball Trials (Men & Women)	The Trials for the selection of Jamia Hamdard Basketball Men & Women team for North Zone Inter University basketball tournament held at Sports Complex Jamia Hamdard for the session 2021-2022. (13th to 14th December 2021)	<p>More than 100 students participated for trials session from different Schools.</p> <ul style="list-style-type: none"> • School of Medical (HIMSR), • Pharmacy(SPER) • Management(SMBS), • Medicine(SUM), • Science(SCLS), • Nursing & Allied Health(SNSAH), • Humanities(SHSS), • Food Tech (SIST) • HILSR



S.NO	SPORT	EVENT	Remarks
2.	Jamia Hamdard HIMSR Intra school tournament 2020-2021	10th March to 20th March, 2021 School of HIMSR student participated in different (Boys and Girls) singles and doubles sports activity. <ul style="list-style-type: none"> • Badminton • Table Tennis. • Carrom. • Chess. • Cricket. • Football. • Basketball. • Tug of war 	More than 300 students participated from different classes in different Men indoor and outdoor games.



3.	Badminton (Men)	Hakim Abdul Hameed Badminton(Men/Women) Teaching & Non-Teaching Tournament on 13.09.2021 (session 2021-22)	More than 100 People participated in the Hakim Abdul Hameed Badminton (Men/ Women) Teaching & Non-Teaching Tour- nament session 2021-22 organized by Jamia Hamdard.
----	--------------------	--	---



Following are the details of the Sport events organized:

The tournament was declared open by Prof. (Dr). M. Afshar Alam (Vice Chancellor, Jamia Hamdard) in the presence of the following:-

1. Mr. Syed Saud Akhter (Registrar)
2. Dr. Reshma Nasreen (Dean of Students Welfare)
3. Dr. Sohrab.A.khan (Sports Secretary)

The Jamia Hamdard Sports Activity for session 2021-2022 was held from 01st January, 2021 to 01 January, 2022 at the Sports Complex. The atmosphere of the university had a festive look during the entire event. Great interest and enthusiasm was observed among the students and the teachers as well. All of them turned up in large numbers to enjoy the sports activity.

INFRASTRUCTURE DEVELOPMENT

Major works executed during 2021-22

Name of Work

1. Fabrication of Porta Structure on the Terrace of SNSAH:

04 classrooms, 04 labs and other mandatory utilities have been provided. This was very much required to accommodate the students of Para-Medical Sciences. This project was funded by HNF-HECA.

2. Renovation of Dining Area of Scholars House:

Since the inception of the Scholars House, kitchen, Dining Hall & 12 Double bedded rooms were first time renovated. The funding was made from the interest amount of KSA Donation.

3. Development of Classic Café

The open area lying vacate at the east of the Scholars House has been developed as an open Cafeteria where the students & families utilise this facility.

4. Development of Sewing Centre for training the poor & weaker section of the society:

The basement of the Scholars House which was lying as junkyard has been developed as a training centre for sewing technique in collaboration with the BEB and Singer (Sewing Machine manufacturer). The project was funded by the HNF-HECA.

5. Fabrication of Porta Structure for Unani Pharmacy:

To provide Unani Medicines for the indoor and outdoor patients, a Porta Structure has been fabricated as a Unani Chemist Shop. It is managed by Majeedia Unani Hospital.

6. Development of Regimental Therapy Centre:

A ten room Regimental Therapy Centre with all infrastructure facilities required has been made with pre-fabricated Porta Structure. This is one of the unique centre for the Regimental Therapy and Treatment.

7. Development of Dialysis Unit:

A Dialysis Unit has been created at the 2nd floor of Majeedia Unani Hospital presently with 03 nos. of machines which may be increased as required. This is currently operated & maintained by an agency, M/s. Kelvin Health Care and

agreement entered with the Jamia Hamdard.

8. Development of Medical Gas Manifold:

For development of Covid Care Centre, the required Oxygen gas pipe line for 20 beds and 01 gas manifold room have been constructed. The project was funded by HNF-HECA.

9. Fabrication of Ramp & installation of Bed Elevator for Majeedia Unani Hospital:

Since, there was no ramp and Lift in the Unani Hospital, one ramp was provided with the financial help of HNF-HECA. One Bed Elevator was also installed and commissioned which was lying pending since three years.

10. Development of Horticulture Office at Nursery Compound:

As required by the Horticulture Committee, an office and store room were constructed in the Nursery Compound.

11. Development of Research Lab. Deptt of Ilmul Advia:

For Research in Unani Medicine by PG Students, an advance version of research lab. has been developed in Ilmul Advia, SUMER.

12. Modification of room for AI-Lab at 4th floor CSE, Central Library Building:

With the financial assistance of DST-FIST, one lab of Artificial Intelligence has been developed at the 4th floor, Deptt. of Computer Science of Central Library Building

13. Development of Centre of Excellence in Unani Medicine at Nano Building:

With the financial assistance from Ministry of AYUSH, Govt. of India under AYURSWASTH YOJNA, the 3rd floor of Nano is being developed as Centre for Excellence in Unani Medicine. The work of white-wash, painting and making of classrooms have been completed. Others works for development of conference rooms/seminar halls etc. of high standard for international conferences are also under process.

14. Construction of Garbage (solid waste) yard near F-Block:

To maintain the campus clean and proper use of Solid Waste, an agreement has been entered with Indian Pollution Control Association (IPCA). For

installation of composters & machines and to segregate the waste, one garbage yard has also been constructed.

15. E-Waste Management:

To avoid and for safety from radiation prone materials, particularly caused by the radio-active materials of electronic devices, Jamia Hamdard has entered into an agreement with M/s. Sorditcon Pvt. Ltd. for the disposal of e-waste. In this agreement, the agency will be responsible for collection of e-waste at a reasonable cost from the Jamia Hamdard and make its disposal. M/s. Sorditcon will provide form 2 & form 6 documents alongwith the Green Certificate to Jamia Hamdard. Based on such documents, Jamia Hamdard can claim points in NAAC Accreditation under the Environmental Clause.

16. Green University Audit & Accreditation:

An undertaking has been entered with M/s. Green Mentoring & Solution Pvt. Ltd. After conducting the Audit, Green Mentors expects University to meet Achievement Level of Certification Standards for Green University in case there is any deficiency. After achieving the Accreditation Standards for a Green University, Green Mentors will issue the Green University Accreditation Certificate to the University. This will also helps in improving points in NAAC.

17. Development of two Open Gym/Children's Park in the Campus:

With the support of Govt. of NCT of Delhi, two open gyms and children's park have been developed in the campus. One near G-Block and other at E-Block. The outdoor gym equipments and slides for children etc. have been supplied and installed by the Delhi Govt.

18. Repairing & Servicing of Firefighting System Installed at Admin Block:

As most of the institutional buildings of the campus are not provided with Statutory approvals and NOC from CFO, the process has been initiated since last year. In the first instance, Admin Block work has been completed and NOC from CFO has been obtained. Similarly, Nano Building has been taken-up and others Buildings are under process.

19. Waterproofing Treatment of Terraces of the Buildings:

The waterproofing work of several buildings of the campus has not been done since

its construction. Most of the old buildings are showing seepage from the terrace. In the first instance, the Central Library is taken-up and the entire terrace has been treated with waterproofing. Part of H-Block terrace has also been completed. Similarly, terrace of Nano Building has also been treated. Waterproofing work of other building are also under process.

PROPOSED WORKS

1. Boys Hostel 500 bedded:

To accommodate maximum nos. of students in the campus, a proposal is in process for Construction of 500 bedded Hostel with the Financial help from Govt. of India.

2. Girl's Hostel 500 bedded:

A proposal for construction of 500 bedded hostel for Minority Girls students under Pradhan Mantri Jan Vikas Karyakram has been submitted to Ministry of Minority Affairs for approval and financial aid.

3. Pul-Prehladpur Flats:

4. Two Porta classrooms fully furnished for Management Dept.

5. Two Porta classrooms fully furnished room for SPER

6. Rear Block of SCLS Building

7. Construction of remaining two blocks of Nano Building (Buildings works only)

8. 250 KLD, STP :

For the disposal of waste water and used the treated waste water for irrigation, a proposal has been made for SITC 250 KLD, Sewerage Treatment Plant

9. Renovation of School of Pharmaceuticals Education & Research Building

10. Modification of room no. 401, for Computer Labs at 4th floor CSE, Central Library Building

11. Repairing and Painting work of academic buildings (Face Lifting)

12. Interior Paining work of Animal House

13. Renovation of Dean office and Deptmental Library, SMBS

14. Left over work of Scholar's House Rooms, Kitchen & Dinning Hall



COMPUTER CENTRE

The University has excellent state-of-the-art computing facilities and system analysis units in its computer centre to cater to needs of students. The computer centre is well equipped with advanced computers along with all the necessary peripherals as well as requisite software's.

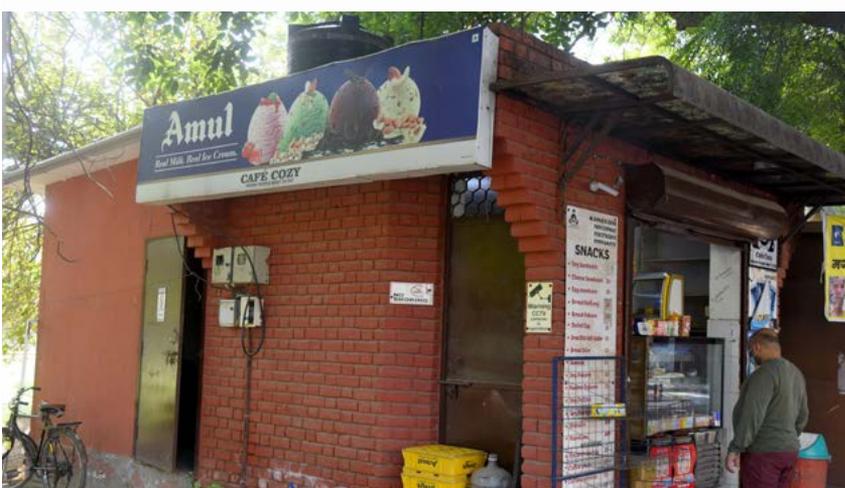
Information Technology has become increasingly crucial to effective acquisition and dissemination of knowledge. Therefore, Computer professionals in Jamia Hamdard are adopting best practices for integrating these technologies in support of teaching and learning.

All the faculties, libraries, laboratories located in different buildings as well as Hakeem Abdul Hameed Centenary Hospital and Administrative Block are connected through 1GB fiber Optic cables. Residential areas are also connected through high-speed RAS ports and modems using existing EPABX.

Jamia Hamdard has also become a part of National Knowledge Network (NKN) which is an ambitious programme of Ministry of Education, Govt. of India, under which all the Universities and Institutes of repute are connected through dedicated bandwidth of 1 Gbps. Computer Centre is also providing to its Faculty and staff e-mail services on its domain www.jamiahamdard.ac.in Centre has hosted 30 high-end

Servers to provide different computing services to different segments of the University. Centre has also introduced cutting edge Virtualization technologies to minimize dependents on physical resources. Centre is also working with different Government funding agencies like Department of Biotechnology (DBT), Government of India; Department of Science and Technology (DST) and has established high end computing Labs (BIF) with their assistance for research and teaching purposes for PG students, research scholars and teachers. www.jamiahamdard.edu is official website of the University. Apart from that, Centre is also maintaining www.himsr.org for its upcoming Medical College. All relevant information regarding courses, eligibility and admission process etc. are updated regularly. Centre is engaged in teaching and training assignments for students, staff and faculty of Jamia Hamdard. Recently video-conferencing was introduced to facilitate knowledge dissemination and research. Computer Centre, Jamia Hamdard is in collaboration with CISCO, which is a world renowned networking company, conducting CCNA Networking Programme at its premises for internal as well as external students. <http://www.jamiahamdard.edu> is the main resource of information about the University. Starting with the announcement of the admission, list of short listed candidates, regular notices are uploaded on the website.

IT Infrastructure									
Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	660	07	All Buildings Connected through Fibre, Radio Links, Entire Campus Wi-Fi	08	One Central Computer Centre 04 Departmental Computer Centres	01	All Departments of the University are provided Internet Connectivity through wi-fi and LAN	1000 Mbps(1:1) Primary Line and 50 Mbps Redundant Line	Jamia Hamdard has the state of the Art Networking facility connected through a Central Data Centre
Bandwidth available of internet connection in the Institution (Leased line)									
.....1000Mbps and 50 Mbps..... MBPS /GBPS									
Facility for e-content									
Name of the e-content development facility					Provide the link of the videos and media centre and recording facility				
7 Smart Classes									



CAMPUS FACILITIES



FINANCE BALANCE SHEET & AUDIT REPORT

JAMIA HAMDARD

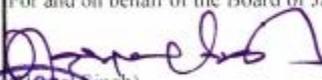
(DEEMED TO BE A UNIVERSITY)

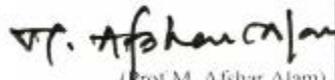
HAMDARD NAGAR, NEW DELHI- 110062

BALANCE SHEET AS AT 31st MARCH 2022

	Particulars	Sch. No.	As at March 31, 2022	As at March 31, 2021
			Rs.	Rs.
(A)	FUNDS AND LIABILITIES			
1	Funds			
	Capital Funds	2	2,97,03,96,677	2,88,00,54,934
	Plan Funds	3	36,79,81,124	36,04,81,124
	Other Funds	4	1,79,36,12,965	1,27,40,57,094
			5,13,19,90,767	4,51,45,93,152
2	Liabilities			
	Sundry Research Projects Account	5	39,42,43,285	30,34,00,521
	Current Liabilities	6	1,27,12,01,257	1,03,37,37,812
			1,66,54,44,542	1,33,71,38,333
	TOTAL		6,79,74,35,309	5,85,17,31,485
(B)	ASSETS			
1	Fixed Assets			
	Fixed Assets	7	3,63,27,00,244	3,46,15,33,122
	Investments	8	1,36,35,64,366	1,18,28,92,956
			4,99,62,64,610	4,64,44,26,078
2	Current Assets, Loans & Advances			
	Cash & Bank Balance	9	70,67,35,734	36,32,99,747.58
	Closing Stock	10	2,04,54,475	2,04,54,475
	Loans & advances	11	1,07,39,80,490	82,35,51,184
			1,80,11,70,699	1,20,73,05,406
	TOTAL		6,79,74,35,309	5,85,17,31,485
	Notes on Accounts	1		

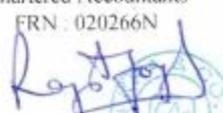
For and on behalf of the Board of Jamia Hmdard


 (S.S. Akhtar)
 Registrar


 (Prof. M. Afshar Alam)
 Vice Chancellor

As per our report of even date attached

For KRA & Co
 Chartered Accountants
 FRN : 020266N


 Rajat Goyal
 Partner
 M No: 503150



21/10/2022

JAMIA HAMDARD
(DEEMED TO BE A UNIVERSITY)
HAMDARD NAGAR, NEW DELHI- 110062

SCHEDULES FORMING PART OF THE FINANCIAL STATEMENTS FOR THE YEAR ENDED MARCH 31, 2022

Sch. No.	Particulars		For the Year ended March 31, 2022	For the Year ended March 31, 2021
2	Capital Fund			
	Opening Balance		3,59,71,49,671	3,51,31,58,853
	1. Assests procured out of Plan Fund			
	(a) HIMSR/HAHCH		1,75,33,827	1,85,83,307
	(b) Jamia Hamdard		1,78,20,893	4,13,95,226
	(c) Interest on investment (FCRA)		-	2,36,40,003
	(d) Profit & Loss (Kannur)		-	3,74,282
	Total (A)		3,63,25,04,391	3,59,71,49,671
	2. Excess of income over Expenditure			
	(a) Previous Year Balance	22	(71,70,94,737)	(17,51,56,924)
	(b) Current Year Balance		(3,52,64,838)	(25,25,97,296)
	(c) Loss due to Inter Unit Reconciliation of Previous Year transaction with HIMSR		9,02,51,861	(37,19,35,564)
	(d) Previous year's loss shown recoverable from HNF by HIMSR/HAHCH		-	8,25,95,047
	Total (B)		(66,21,07,714)	(71,70,94,737)
	Total (A+B)		2,97,03,96,677	2,88,00,54,934
3	Plan Fund			
	A. Jamia Hamdard			
	Opening Balance		36,04,81,124	38,94,74,350
	Received From U.G.C.		-	-
	(a) Building Development Fund		-	24,00,000
	(b) University Capital Receipt		75,00,000	1,00,00,000
	(c) Foreign contribution Account		-	-
	Plan Fund Utilisation			
	(a) Revenue Expenses		-	-
	(b) Utilised for Fixed Assets		-	(4,13,93,226)
	Total		36,79,81,124	36,04,81,124
4	Other Funds			
	Leave Encashment Fund		8,00,00,000	
	Pension Fund		30,57,21,042	13,72,26,238
	Gratuity Fund		13,96,90,031	5,21,02,621
	Depreciation Fund		25,57,34,504	8,24,46,746
	Jamia Hamdard Endowment Corpus Fund		59,89,56,045	59,63,46,045
	Jamia Hamdard Students Aid Fund		1,26,62,978	1,26,62,978
	Jamia Hamdard Relief and Welfare Fund		94,28,029	92,53,412
	Research Development fund		4,98,64,899	4,99,95,340
	Reserve Fund- J.H		5,86,23,466	5,86,23,466
	Reserve Fund- HIMSR		25,06,74,977	25,14,12,998
	House Building Advance Fund		14,60,000	14,60,000
	Alumni Association Fund - J.H.		2,56,86,079	1,86,68,302
	Motor Car Advance Fund		8,98,000	8,98,000
	Motorcycle/Scooter Advance Fund		5,57,500	5,57,500
	Sabah		35,83,895	24,03,448
	Woman's Day Fund (Newly Created)		71,520	
	Total		1,79,36,12,965	1,27,40,57,094



6	Current Liabilities		
	Retention/Earnest Money	1,55,12,458	1,66,94,461
	Security Deposits From Staff	25,05,687	25,05,687
	Security Deposits	1,59,24,714	90,86,210
	Student Funds/Deposits	7,54,24,187	7,26,57,243
	Provision fo Employees Liabilities	41,52,21,687	8,31,58,864
	Advance from HNF	3,74,30,000	-
	Sundry Creditors & HIMSR/HAHCH Laibilities	70,86,62,524	84,96,35,347
	International conference	5,00,000	-
	Total	1,27,12,01,257	1,03,37,37,812
7	Fixed Assets		
	Books	8,18,77,367	7,88,59,536
	Buildings	1,25,87,30,692	1,26,71,34,773
	Equipments & Apparatus	44,74,47,681	44,20,87,069
	Furniture	5,27,01,109	5,22,61,007
	Generators	47,19,542	47,19,542
	Land	15,84,397	15,84,397
	Plant & Machinery	7,09,124	6,44,224
	Vehicles & Transport	1,28,33,330	1,28,33,330
	Fixed Assets (HIMSR/HAHCH)	1,71,07,57,581	1,54,24,69,823
	Intangible Assets	6,13,39,422	5,89,39,422
	Total	3,63,27,00,244	3,46,15,33,122
8	Investments		
	A. Jamia Hamdard		
	Deposits for one or more than one year	65,81,77,663	52,75,42,956
	Interest Accrued on Bonds	3,21,88,400	-
	Foreign Remittance	34,78,48,303	33,00,00,000
	Deposits-Other	5,50,000	5,50,000
		1,03,87,64,366	85,80,92,956
	B. HIMSR/HAHCH		
	Deposits	30,48,00,000	30,48,00,000
	Interest accrued but not due	-	-
		30,48,00,000	30,48,00,000
	C. Self Financing Courses		
	Deposits for one or more than one year	2,00,00,000	2,00,00,000
	Deposits for less than one year	-	-
		2,00,00,000	2,00,00,000
	Total	1,36,35,64,366	1,18,28,92,956
9	Cash & Bank Balances		
	Cash in Hand		
	Cash in hand (Maintenance Account)	1,13,938	12,206
	Cash in hand (Majeedia Hosp. (Unani))	18,247	396
	Cash in hand (Scholars House)	154	1,755
	Cash in Hand (HIMSR/HAHCH)	-	-
	Cash in Hand (HAHCH Pharmacy)	8,49,975	8,49,975
	Cash in Hand (Kannur)	26,747	2,18,903
	Cash in hand (S.F.S.)	22,634	6,082
	Total (A)	10,31,695	10,89,317



Bank Balances			
BOI current account (Main)	(75,78,619)	1,25,19,102	
BOI Kamur	39,31,007	29,63,421	
ICICI Bank	1,03,78,268		
Remittance in Transit(Kamur)	-	3,65,000	
BOI HIMSR	88,471	88,471	
BOI HAHC Hospital	7,702	13,35,748	
BOI savings account (J.H.)	98,17,710	17,07,106	
BOI savings account (Foreign Remittance)	13,03,92,192	5,20,24,055	
BOI savings account (Scholars House)	10,68,952	14,79,199	
BOI current account (S.F.S.)	4,16,79,030	10,01,622	
BOI savings account (S.F.S.)	4,99,728	2,66,935	
BOI savings account (Admission.)	-	-	
BOI savings account (D.O.D.L.)	6,58,921	6,58,921	
BOI account (Majeedia)	7,18,439	25,783	
IDBI - savings account (54409)	11,51,038	23,24,553	
IDBI (SFS) - saving account	2,56,651	2,51,869	
IDBI Tax Payment Account (24596)	6	46,944	
J & K Bank (S.F.S.)-0001	(35,26,640)	2,86,76,585	
J & K Bank (J.H.)	11,88,58,666	16,00,565	
J & K Bank- HAHCH	-	-	
J & K Bank- HIMSR	10,93,10,187	10,93,10,187	
J & K Bank- HIMSR Pharmacy	90,24,920	90,24,920	
J & K Bank-011 HIMSR	1,01,77,139	1,01,77,139	
J & K Bank- Admission-0387010100001550	92,77,095	29,75,615	
J & K (SODL Fee) A/C 0387010100001746	2,26,310	61,95,804	
J & K (Upgrade) A/C 0387010100001743	1,62,792	1,62,792	
J & K Registrar (J.H.) A/c 0915040520000003	9,01,728	12,480	
Kotak Mahindra Bank 9512821998	30,884	30,884	
Punjab National Bank 06292191027377	25,68,67,325	11,59,74,000	
PNB - IGI - saving account 4047000100018690	5,31,615	5,31,615	
J & K Bank J.H. ISNS Conference A/c 0915040520000001	88,433	81,145	
J&K Bank Fee Account (SODL)	5,000	5,000	
J & K Bank Sponsorship Event A/c 0915010100000010	6,99,091	3,92,971	
Total (B)	70,57,04,039	36,22,10,430,58	
Total (A+B)	70,67,35,734	36,32,99,748	
10 Closing stock			
Closing Stock -Scholar House	-	-	
Closing Stock - HIMSR	2,04,54,475	2,04,54,475	
Total	2,04,54,475	2,04,54,475	
11 Loans & Advances			
A. To Staff			
Festival Advance	83,450	3,60,450	
Car Advance	1,88,820	1,88,820	
Scoter Advance	63,200	1,00,200	
House Building Advance	4,71,242	6,29,498	
Miscellaneous Advances (Medical/LTC)	17,678	31,247	
Total (A)	8,24,390	13,10,215	
B. Others			
Advances to Employees not Interest bearing	1,23,15,341		
Advances to Employees Interest bearing	7,23,262		
Advances to Expenditure	3,43,01,422	32,10,729	
Advances to Projects	10,10,242	10,10,242	
Security Deposits (Jamia Hamdard)	4,97,38,432	4,96,07,294	
Sundry Recoverable	48,59,14,468	76,84,12,704	
TDS Receivable	3,36,04,319		
Accrued Fee-General Students	45,55,48,614		
Total (B)	1,07,31,56,100	82,22,40,969	
Total (A+B)	1,07,39,80,490	82,35,51,184	



SCHEDULE FORMING PART OF THE FINANCIAL STATEMENTS FOR THE YEAR ENDED MARCH 31, 2022

5 Sundry Research Projects Accounts

Particulars	As at 31st March 2021		During the Year		As at 31st March 2022	
	Dr. (Rs.)	Cr. (Rs.)	Dr. (Rs.)	Cr. (Rs.)	Dr. (Rs.)	Cr. (Rs.)
Centre/state Govt & Autonomos Bodies						
GOVT. OF INDIA, MIN. OF DEFENCE		52,178				52,178
RESEARCH FELLOWSHIPS		2,41,78,504	6,19,05,630	4,97,15,901		1,19,88,775
Ministry of AYUSH Projects		24,61,215	28,65,449	4,14,63,374		4,10,59,140
Ministry of Electronics & Information Technology			13,35,000	21,40,000		10,05,000
Ministry of H.R.D. Projects		3,40,85,261	1,60,66,508	1,98,58,167		1,78,76,920
Ministry of Minority		17,84,409	19,51,249	25,00,000		23,33,160
Min. of Agriculture Projects		4,51,028				4,51,028
Min. of Environment, Forest & Climate Change	79,710				79,710	
Min. of External Affairs Projects		3,36,836		1,60,000		4,96,836
Min. of Health & Family Welfare Res. Project		1,89,59,362	1,68,09,898	2,16,77,652		2,38,27,116
Min. of Science & Technology Res. Projects		8,32,42,046	6,34,54,770	6,35,04,636		8,33,81,912
ICMR RESEARCH PROJECT DR. SHAHAR YAR KHAN				6,03,868		6,03,868
NATIONAL CENTRE FOR CELL SCIENCE			4,720		4,720	
Consultancy Projects						
Universal Biotech Consultancy-Dr. Sayeed Ahmad				3,75,000		5,75,000
VENKATESWARA AYURVEDANILAYAM LTD (2) AAMIR MIRZA			25,233	2,25,000		1,99,767
Non Govt Funding Agencies						
HNF RESEARCH PROJECTS			17,22,441	17,76,008		53,567
OTHER SUNDRY PROJECTS		12,73,80,158	2,49,84,287	5,98,38,523		16,22,34,395
E Governance-HNF Project		-	2,05,52,035	3,78,33,974		1,72,81,939
RANBAXY RESEARCH PROJECTS		30,86,336	12,27,153	18,90,000		37,49,183
SCHOLARSHIPS		59,24,525	30,300	10,313		59,04,518
Research and Training Program		90,470				90,470
Research and Training Programme						
ATAL FDP (DR. JAMSHED & ASAD)			1,86,000	1,86,000		
UNNAT BHARAT ABHIYAN				1,00,000		1,00,000
Research Projects (Foreign Contribution)		14,47,903	3,84,979			10,62,924
Grand Total	79,710	30,34,80,232	21,35,05,652	30,43,48,416	84,430	39,43,27,716
		<u>30,34,00,521</u>		<u>9,08,42,764</u>		<u>39,42,43,285</u>



JAMIA HAMDARD

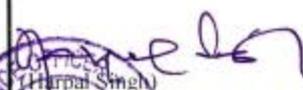
(DEEMED TO BE A UNIVERSITY)

HAMDARD NAGAR, NEW DELHI- 110062

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2022

	Particulars	Sch. No.	For the Year ended March 31, 2022	For the Year ended March 31, 2021
1	INCOME			
	Grants/Donations	12	17,00,02,688	18,55,05,438
	Total (A)		17,00,02,688	18,55,05,438
	University Receipt			
	Receipt From Hospital	13	22,26,662	8,76,763
	Receipts From Students	14	1,58,86,84,060	66,54,00,795
	Recovery From Staff	15	6,73,96,169	4,92,08,847
	Other Receipts	16	8,10,51,232	11,77,85,601
	Total (B)		1,73,93,58,123	83,32,72,007
	TOTAL (C=A+B)		1,90,93,60,811	1,01,87,77,445
2	EXPENDITURE			
	Employees Remuneration & Benefits	17	94,46,94,346	86,53,61,596
	Total (D)		94,46,94,346	86,53,61,596
	Other Recurring Expenses			
	Administrative Expenses	18	20,90,44,574	26,09,82,629
	Educational Expenses	19	2,26,71,022	1,90,65,762
	Patient Health Care Expenditure	20	8,94,195	24,64,754
	Total (E)		23,26,09,791	28,25,13,145
	Provisions	21	76,73,21,512	12,35,00,000
	Total (F)		76,73,21,512	12,35,00,000
	TOTAL (G=D+E+F)		1,94,46,25,649	1,27,13,74,741
	SURPLUS/(DEFICIT) (H=C-G)		(3,52,64,838)	(25,25,97,296)
	Notes on Accounts			

For and on behalf of the Board of Jamia Hmdard


 Harpal Singh
 Finance Officer



 (S.S. Akhtar)
 Registrar


 (Prof. M. Afshar Alam)
 Vice Chancellor

As per our report of even date attached

New Delhi
 Date: 31/10/2022

For KRA & Co
 Chartered Accountants
 FRN : 020266N


 Rajat Goyal
 Partner
 M No: 503150


JAMIA HAMDARD

(DEEMED TO BE A UNIVERSITY)

HAMDARD NAGAR, NEW DELHI- 110062

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED AT 31ST MARCH 2022

Sch. No.	Particulars	For the Year ended March 31, 2022	For the Year ended March 31, 2021
12	GRANTS/DONATIONS		
	University Grant Commission	7,97,70,000	8,00,00,000
	Hamdard National Foundation	8,00,00,000	8,00,00,000
	Other Grants	92,32,688	2,45,05,438
	Grant from NCT Delhi	10,00,000	10,00,000
	TOTAL	17,00,02,688	18,55,05,438
13	Receipt from OPD/IPD	22,26,662	8,76,763
	TOTAL	22,26,662	8,76,763
14	RECEIPT FROM STUDENTS		
	Academic Fee	1,54,72,17,723	65,09,43,665
	Hostel Fee	4,17,92,900	2,88,03,567
	Less: Fee Concession	(2,44,688)	(2,08,000)
	Fee Concession to Staff Ward	(81,875)	(41,38,437)
	Provision for UCR		(1,00,00,000)
	TOTAL	1,58,86,84,060	66,54,00,795
15	RECOVERY FROM STAFF		
	Licence fee	5,61,016	10,69,315
	Water & Electricity charges	6,68,35,153	4,81,39,532
	TOTAL	6,73,96,169	4,92,08,847
16	OTHER RECEIPTS		
	Application /Tender Fee	7,62,660	4,72,035
	Cancellation of Admission Charges	8,64,669	4,25,450
	Gymnasium Fee	43,500	-
	Consultancy Charges	23,850	18,000
	Interest on Deposits/Bank Accounts	6,88,26,646	1,37,61,877
	Online Registration/ admission cancellation/ Entrance Test	-	14,86,500
	Sundry Receipts, SFS & Scholar House	34,53,057	22,65,363
	Overhead Charges from Projects/SFS	37,12,041	8,78,28,373
	Sale of Publications	2,58,198	15,331
	Penalties	25,203	73,093
	Prior Period Receipts	-	85,09,958
	Transport Receipts from Nursing Students	-	90,000
	Miscs Receipts	7,13,306	13,09,934
	Upkeep Receipts	23,68,102	15,29,687
	TOTAL	8,10,51,232	11,77,85,601
17	EMPLOYEES REMUNERATION & BENEFITS		
	Pay & Allowances	83,61,58,874	78,45,86,044
	Other Benefits to Employees	2,35,73,853	1,97,05,530
	Retirement Benefits	2,09,67,377	93,66,494
	C P F Employer's Contribution	3,20,37,202	1,74,96,593
	Out Sourced Service Charges	3,12,64,395	3,33,67,092
	Food Articles	-	4,65,621
	Wages	6,92,645	3,74,222
	TOTAL	94,46,94,346	86,53,61,596



18 ADMINISTRATIVE EXPENSES

Advertisement Expenses	10,45,634	6,83,297
Admission exp. SFS	-	97,429
Audit Fees	18,76,840	25,49,560
Bank Charges	67,387	6,99,584
Contingencies	30,80,494	28,32,598
Convocation	-	18,642
Consumables	1,66,842	36,450
E-Resources and Purchase of Software	6,27,654	7,45,800
Hiring of Vehicles and Conveyance	1,33,948	7,24,638
Interest on Loan	-	41,20,098
Legal Expenses	9,06,690	15,17,128
Meetings & Functions Expenses	7,70,439	7,20,118
Miscellaneous Expenses	9,01,000	1,01,517
Postage & Telegram	31,620	26,551
Printing/ Stationery Expenses	13,70,590	7,28,389
Public Relation Expenses	2,84,186	16,477
Rent, Taxes & Insurance	50,54,913	50,21,918
Prior Period Adjustments	2,19,500	3,74,282
Rufaida Health Centre	-	12,000
Telephone Charges	8,88,108	5,02,063
Travel Expenses	24,467	1,34,627
Electricity & Water Expenses	12,81,76,947	8,48,32,485
Seminar & Conference Expenses	5,21,136	66,002
University Ranking Expenses	-	7,67,000
Newspapers	81,556	74,472
Security Service Expenses	1,90,48,482	2,50,27,017
Networking Cell Expenses	8,30,038	1,27,918
Placement Activities/ Industry Interaction	34,142	2,55,316
Equipment/ Xerox Machines Maintenance Charges	31,61,814	35,54,192
Over head Charges	-	8,48,62,920
Patent Cell Expenses and Website exp	1,63,937	4,04,390
Repairs and Maintenance	3,95,76,211	3,93,47,750

TOTAL	20,90,44,574	26,09,82,629
--------------	---------------------	---------------------

19 EDUCATIONAL EXPENSES

Animal House Expenses	7,13,962	6,97,726
Admission Expenses	10,64,609	4,68,729
Affiliation Expenses	11,75,003	14,45,000
Bio Chemical Waste	-	1,03,542
Chemicals & Glasswares/Gases/Consumables	56,62,495	45,76,840
Preservation /Conservation of Manuscript	7,37,781	-
Outside Faculty Expenses	14,47,507	6,34,656
Educational Tour	-	6,685
Environmental Studies for UG Students	58,400	36,000
Examination Expenses	26,68,735	22,32,396
Herbal Garden	1,59,290	11,430
Clinical Research (Unani medicine)	1,60,861	89,275
Professional Charges to Doctor/TA,DA to Members	79,044	2,07,724
Literary & Cultural Activities	-	72,711
NCC	-	52,536
Preparation of Unani Medicines	-	66,171
Stipend/ Fellowships to Students	73,27,443	76,89,617
Orientation and PTA Expenses	-	4,400
Subscription to Academic Institutions	5,26,113	2,47,328
Students Welfare Expenses	5,66,422	2,46,603
Training and Development Expenses	74,310	9,559
Incentive for Research Publication	23,390	21,000
Seminars & Conferences	11,995	42,276
Affiliation & Inspection Expenses	1,24,250	59,000
Teaching Material	89,412	44,558

TOTAL	2,26,71,022	1,90,65,762
--------------	--------------------	--------------------

20 PATIENT HEALTH CARE EXPENSES

Drugs and Dressing Material	2,67,814	18,91,316
Indoor Patient Diet	83,040	1,31,340
Linen/Washing Charges	1,05,510	2,26,521
Laboratory Test/Machine out source	2,60,767	1,32,401
Health Camp	38,141	26,488
	1,38,923	56,688

TOTAL	8,94,195	24,64,754
--------------	-----------------	------------------



21	PROVISIONS			
	Provision for UCR		1,00,00,000	
	Leave Encashment Fund		8,00,00,000	
	Gratuity Fund		9,25,00,000	2,35,00,000
	Pension Fund		28,50,00,000	9,50,00,000
	Dues of Retired Employees		29,43,00,000	-
	Depreciation Fund		55,21,512	50,00,000
		TOTAL	76,73,21,512	12,35,00,000
22	INCOME & EXPENDITURE ACCOUNT			
	Jamia Hamdard Regular Courses			
	Deficit/Surplus During the Year	(A)	(3,52,64,838)	(25,25,97,296)
			-	
			-	
			-	
	NET Deficit/Surplus During the Year	TOTAL	(3,52,64,838)	(25,25,97,296)
	(Total surplus/(deficit) transferred to balance sheet)	(A)		



JAMIA HAMDARD PROVIDENT FUND
HAMDARD NAGAR, NEW DELHI-110062

Balance Sheet of GPF & CPF Account as on 31.3.2022

	FY-2021-22		FY-2020-21		FY-2021-22		FY-2020-21	
Liabilities								
GPF Subscription:								
Opening Balances	26,75,83,342		25,96,89,609		71,78,99,985		70,54,03,465	
Add Subscription	3,29,20,976		3,54,88,925		32,60,25,383		20,58,96,479	
Add Interest	1,72,39,843		1,70,29,725		35,50,08,390		21,83,92,999	
Less Withdrawals/Payments	31,77,44,161		31,22,08,309					
Less Loan & Advance	4,68,85,453		3,75,54,967					
Less Investment during the year	32,25,000	26,76,33,708	70,70,000	26,75,83,342				
CPF Subscription:								
Employer's Subscription:								
Opening Balances	33,83,76,805		27,43,08,228		12,55,21,795		9,03,53,127	
Add Subscription	5,02,25,461		7,04,03,442		4,22,66,807		5,50,06,913	
Add Interest	2,34,87,685		2,00,17,677		3,84,28,441		1,98,38,245	
Less Withdrawals/Payments	41,20,89,951		36,47,27,347					
Less Loan & Advance	2,74,96,969	37,58,17,982	1,77,83,542	33,83,76,805				
Less Investment during the year	87,75,000		85,67,000					
Employer's Subscription:								
Opening Balances	29,39,83,819		23,33,29,592		11,69,10,400		8,24,67,790	
Add Add: Contribution	3,85,02,917		5,44,65,488		14,360		10,000	
Add Interest	1,97,22,549		1,59,60,673					
Less Final Payments	35,22,09,285		30,37,55,753					
Less EPF Subscription:	1,65,23,080	33,56,86,205	97,71,934	29,39,83,819				
Opening Balances	59,321		55,388		3,03,91,260			
Add Interest	4,212	63,533	3,933	59,321				
EPF Contribution:								
Opening Balances	5,52,499		5,15,872					
Add Interest	39,228	5,91,727	36,627	5,52,499				
Unclaimed Account:								
GPF Subscription	14,88,206		13,80,451					
CPF Subscription	6,67,468	21,55,674	1,92,592	15,73,043				
Interest Reserve:								
Opening Balances	5,64,22,516		5,18,20,814					
Add interest accrued	4,21,66,807		5,50,06,913					
Add interest received	4,31,72,457		2,38,82,723					
Less Disb. of interest	14,18,61,780		13,07,10,460					
Less Final Payments	6,04,93,517		5,26,15,013		5,64,22,516			
Payable to HIMSR	3,97,55,919	4,16,12,344	2,16,72,921	2,96,974				
Total		1,02,35,61,173		95,88,48,319	Total	1,02,35,61,173		95,88,48,319

For and on behalf of the Board of Jamia Hamdard

(Signature)
Registrar

(Sayed Saubikhatun)
Registrar

As per our Separate report of even date attached

For MRA & Co

Chartered Accountants

FRNo. 020266N

(Rajrat Gajral)

Partner

M. No. 503150

(Signature)
(Prof. M. Afshar Alam)
Vice Chancellor



31/10/2022

SCHEDULE I : Schedule annexed to and forming part of the Balance Sheet

A. Significant Accounting Policies

1. The Jamia Hamdard is a Deemed to be University registered as a Society under Societies Registration Act 1862. It is a non-profit organization running on no profit no loss basis.

2. Basis of Accounting

The financial statements are prepared under historical cost convention and comply with applicable accounting standards, double entry system. The accounts are prepared generally on the accrual method of accounting.

3. Revenue Recognition

The Students Fee and the interest on investments are accounted for on accrual basis while recognising revenue.

4. Fixed Assets

The Fixed Assets are stated at cost of acquisition. Acquisition cost includes taxes, duties, freight, insurance and other incidental expenses related to acquisition and installation, are capitalised along with the related fixed assets where appropriate.

5. Depreciation

Depreciation on fixed assets is provided on ad-hoc basis. The management is in progress of identifying and valuing the fixed assets and to provide commensurate depreciation amount in books.

6. Debtors and Creditors

The balances under Sundry Debtors and Creditors are subject to confirmation.

7. Actuarial valuation of Pension, Gratuity and Leave Encashment

As per actuarial valuation of Pension, Gratuity and Leave Encashment, the value of liability is assessed at Rs. 239.44 for Pension (those who are due for pension), Rs. 39.74 crores for Leave Encashment and Rs. 35.24 crores for Gratuity. The appropriate corpus on the basis of annual actuarial valuation is not provided in books of accounts. During financial year 2021-22, provision has been created for Pension, Leave Encashment and Gratuity @ Rs. 15.00 crores, Rs. 8 crores and Rs. 7 crores respectively as per resources in books of accounts. The provision would be consistently provided every year to make the funds sustainable in long run.

Pension, Leave Salary and Gratuity is paid as per Central Government Rules. The subcommittee of Board has recommended for formation of Trust for proper administration.



8. Bonus is paid to the employees as per the Central Government rates.
9. Banks balances are verified with the bank statements. However, the bank reconciliation is carrying impact of past years and are thus subject to reconciliation.
10. The insurance premium for safety of assets from Fire, Natural Calamities and Terrorism has not been charged this year. Medical insurance for students is being undertaken.
11. Income of the Jamia Hamdard Society is exempted from Income Tax under Section 10(23)(vi) of the Income Tax Act 1961. The society also have exemption under Section 80G of the Income Tax Act, which makes it eligible for accepting donations. The Tax deducted at source is shown as recoverable under the head "Duties and Taxes recoverable" in Balance Sheet.
12. The assets procured out of Research Projects Fund awarded to faculty of Jamia Hamdard by different government agencies are not taken in the schedule of fixed assets forming of part of the balance sheet because the ultimate ownership of these assets rests with Government Departments/Projects.
13. The accounts are maintained separately for students under Self Financing Scheme and other than Self Financing Scheme. Accounts for Scholar House are also maintained separately. All three set of accounts are consolidated to present the true and fair view of Jamia Hamdard in financial statements. A consolidated Income and Expenditure Account is drawn this year to give true and fair view of surplus and deficit.
14. The offshore campus accounts are maintained separately e.g. at Kannur in Kerala. The accounts are audited by a separate auditor to take on record in Jamia Hamdard.
15. Hamdard Institute of Medical Science and Research (HIMSR) (including Hakim Abdul Hameed Centenary Hospital (HAHCH)) is operating inside the campus as a constituent institution of the University. HIMSR is maintaining its accounts separately and is audited by a separate firm of Chartered Accountants. Upto the FY 2020-21 the HIMSR was using the PAN belonging to the Jamia Hamdard University and the financial information of the HIMSR was included in the financial statement of the University for Submission to Income tax Department under the single PAN.

In the FY 2021-22, HIMSR has started using a new Permanent Account Number (PAN) belonging to another society "Hamdard Education Society" (HES) without approval of Board of Management of Jamia Hamdard. Further, this year audited financial statements of HIMSR are not provided to Jamia Hamdard. In view of the above facts, management of the University has decided to present Jamia Hamdard accounts without consolidation of HIMSR Accounts. However, a copy of unaudited accounts, as forwarded for information by HIMSR to Jamia Hamdard, is enclosed as Annexure I and II.



The current financial statement of the University includes the financial information of the HIMSR only upto 31.03.2021 (i.e., upto the previous FY 2020-21). All the accounts of HIMSR including assets/liabilities/funds/reserves are carried forward from previous year to this year without changes as the ongoing transactions for FY 2021-22 are not reported. No impact of HIMSR accounts have been taken in the books of the Jamia Hamdard except adjustment entries pertaining to the financial year 2020-21.

Jamia Hamdard is exploring all the legal option for this matter and has also reported this matter to Commissioner of Income Tax (Exemptions).

16. The fixed assets are valued at cost and no depreciation is charged thereon. However, provision for depreciation fund is maintained in books.
17. During the year, Jamia Hamdard has collected electricity charges from HIMSR. However, other overheads like security, housekeeping, horticulture, etc. are not charged to HIMSR and are to be decided after settlement of dispute with HIMSR.
18. Until year 2020-21, Jamia Hamdard used to transfer overheads interunit from SFS students to non SFS students or in between Non SFS students and Scholar House. This year no such inter unit transfer are made.
19. Jamia Hamdard is supported by grants from University Grants Commission to the extent of Rs. 8 crores every year and with an equal grant committed by HNF, the promoters of the institution.
20. HNF provides its wholehearted support in development of digital and building infrastructure of the Jamia Hamdard. The assets created from their funds are recorded and capitalised with assets of Jamia Hamdard.
21. The grants received from government for research projects are maintained separately for each grant. A statement of project wise grant received and utilised is presented separately as a schedule.
22. Jamia Hamdard is following Government of India Rules at par for providing contributory provident fund and pension benefits to its employees. There is neither approval nor support from Government of India or from University Grants Commission for these benefits. The University is currently in the process of establishing the independent trusts for the CPF and GPF cum Pension Scheme in order to avail the approval of Commissioner of Income Tax and administration of CPF/GPF/Pension. As per approval of Board of Management in its meeting held on 24-04-2015, New Pension Scheme is also implemented in JH.



23. Gratuity for employees is settled under rules of CCS (Pension) Rules of Central Government. Payment of Gratuity Act is not followed in Jamia Hamdard.
24. Income Tax Assessments for past few years are yet to be settled. In its last assessment order for financial year 2019-20, Income Tax Department has raised demand notice for payment of Rs. 29.43 crores (including interest of Rs. 6.17 crores) on Jamia Hamdard. Efforts are being made to settle all tax claims at the earliest.
25. There is an outstanding demand on account of TDS is Rs. 18,77,670/- which has to be settled with interest amount as computed by Income Tax Department.

B. CONTINGENT LIABILITIES NOT PROVIDED FOR

1. Completion certificates of buildings, completed in preceding years are yet to be received. Any liability on account of government dues if payable is not quantified. Hence, the same has not been provided.
2. As specified in the point no. 14 of the notes above, HIMSR (including HAHCH) is functioning within the campus treating itself as a constituent institution. There is conflict on account of use of separate PAN number by HIMSR and maintaining its own accounts as an independent unit without approval of Board of Management of Jamia Hamdard. As at the date of this financial statements and up to the date of approval of this financial statement, HIMSR is not able to take necessary approvals under law of land to run the medical institution separately. Therefore, HIMSR is an integral part of Jamia Hamdard and functioning within its contiguous campus and is awarded academic degrees to students by Jamia Hamdard. The University has taken necessary steps to inform the various authorities about this matter. However, the University remains exposed to any claim that may arise on it due to these unlawful steps taken suo moto by HIMSR.
3. There are 3 cases pending since many years for settlement of terminal benefit of employees for which as per court orders, monthly payments are being paid to them. However, the final settlement through court is still pending.
4. Liability on account of 39 pending legal cases is not quantifiable.
5. The property tax of around Rs. 17,77,77,501/- is demanded by Municipal Corporation of Delhi vide its notice dated 01.01.2018. No provision made for it. However, the amount is under dispute with Municipal Corporation of Delhi. The matter is pending before judiciary and the related liability is not quantifiable. The liability may attract interest and penalty also.



6. In the absence of adequate insurance for the property held by the University, it remains exposed to any losses that may arise due to an unforeseen events.
7. Considering its stature, Jamia Hamdard may have Interest or Penalty liabilities on account of compliances on applying viz. Payment of Gratuity Act, Provident Fund recognition or approval of Commissioner of Income Tax, and Perquisite taxes on house accommodation etc. on Jamia Hamdard or its employees.

C. OTHERS

1. The individual ledgers / fund accounts maintained by Jamia Hamdard requires detailed review to remove the effect of any old and outstanding adjustments. The accounts cleaning has started with the help of M/s Deloitte and the same is under progress. It is expected to be done and closed in the FY 2022-23.
2. The term deposit of Rs. 2 crores are under reconciliation with books. The physical certificate of the same along with related accounting entry in accounts is subject to reconciliation.
3. The current financial statements could not be prepared as per the formats suggested by the UGC for better classification and regrouping of accounts. The same will be implemented by the Jamia Hamdard by FY 2022-23.
4. Previous year's figures have been re-grouped or rearranged wherever considered necessary.

FOR AND ON BEHALF OF BOARD OF JAMIA HAMDARD


(Harpal Singh)
Finance Officer
M/s. KRA & Company

Chartered Accountants

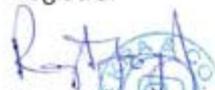
FRN No. 020266N

New Delhi

31st October 2022*

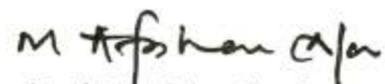

(S.S. Akhtar)

Registrar


Rajat Goyal

Partner

M. No. 503150


(Prof. M. Afshar Alam)

Vice Chancellor



H -1/208, Garg Tower, Netaji Subhash Place, Pitampura, New Delhi -110034

**INDEPENDENT AUDITOR'S REPORT
TO THE MEMBERS OF BOARD OF MANAGEMENT OF JAMIA HAMDARD**

Report on the Audit of the Financial Statements

Qualified Opinion

We have audited the financial statements of **JAMIA HAMDARD** ("University"), which comprise the Balance Sheet as at March 31, 2022 and the Income and Expenditure account for the year then ended, and notes to the financial statements and other explanatory information

In our opinion and to the best of our information and according to the explanations given to us, except for the effect of the matter described in the *Basis for Qualified Opinion* section of our report, the aforesaid financial statements give a true and fair view of the state of affairs of the University as at March 31, 2022 and its income and expenditure for the year then ended.

Basis for Qualified Opinion

1. Fixed Assets

The University follows the mercantile system of accounting and is required to carry its fixed assets at cost less depreciation. The depreciation needs to be determined using the rates prescribed by the Income tax Act, 1961. The University is currently not recognizing any depreciation expenses in books of accounts using the prescribed rates and instead an ad-hoc amount of Rs. 50 Lacs is charged as a depreciation. In the absence of the correct depreciation, the deficit during the year, as specified in Income and Expenditure account, is lower. Further, the impact of the corrected depreciation as per the prescribed rates for all the previous year's up to 31.03.2022 needs to be recognized in the Financial Statement and this will substantially affect the funds position of the University. We cannot currently determine the financial impact of the depreciation as we have been informed that the management is in the process of identifying and valuing all the fixed assets and the necessary financial impact for depreciation will be taken in due course once the valuation exercise is complete.

2. Missing Bank Reconciliation / Bank balance confirmations and unreconciled bank accounts

We have not been provided with Bank Reconciliation and Bank balance confirmation confirming balances as at 31.03.2022 for certain bank accounts. Further, there are certain bank accounts which are not reconciled. The total number of these bank accounts are 13 in number. In the absence of these bank reconciliation and balance confirmations, we cannot comment on the Completeness and accuracy of these balances. Please refer the list below for the details of the bank accounts and their balances as per the books of accounts of the University:

Sr No.	Bank Balances	Amount as per Tally as on 31.03.22
--------	---------------	------------------------------------



Sr No.	Bank Balances	Amount as per Tally as on 31.03.22
1	BOI current account (Main)	-75,78,619.36
2	BOI savings account (D.O.D.L.)	6,58,921.00
3	BOI account (Majeedia)	7,18,438.65
4	IDBI - savings account (54409)	11,51,037.97
5	IDBI (SFS) - saving account	2,56,650.73
6	J & K Bank (S.F.S.)-0001	-35,26,640.00
7	J & K Bank (J.H.)	11,88,58,665.96
8	J & K (SODL Fee) A/C 0387010100001746	2,26,310.00
9	J & K Registrar (J.H.) A/c 0915040520000003	9,01,728.28
10	Kotak Mahindra Bank 9512821998	30,884.00
11	Punjab National Bank 06292191027377	25,68,67,324.60
12	PNB - IGI - saving account 4047000100018690	5,31,615.09
13	J&K Bank Fee Account (SODL)	5,000.00

3. Confirmation not available from Banks and the Financial Institutions for the fixed deposits held by the University

University holds significant amounts of fixed deposits with Banks and Financial Institutions. In order to verify the balances of these fixed deposits we have asked the University to provide the Balance Confirmations from the Bank. However, the same has not been provided to us. In the absence of such confirmations, we cannot comment on the accuracy and completeness of fixed deposit balances as presented in the Financial Statements.

4. Closing interest accrued balances cannot be verified with Bank confirmations.

Interest accrued has been recognized in books of the accounts basis the interest income specified in Form 26AS downloaded from Income Tax records. The Interest accrued balances cannot be cross verified from the bank records as no confirmation was made available from Banks. In the absence of such confirmations, we cannot comment on the accuracy and completeness of interest accrued balances as presented in the Financial Statements.

5. Non-compliance with e-invoicing provisions of the Goods and Service Tax Act

The university is required to follow the e-invoicing mandated by the GST laws. However, we observed that no such e-invoicing is being currently followed by the University.

6. Fee receipts from student not completely reconciled and Fee Income not booked on accrual basis

The fee due from students and not received has not been completely reconciled. As per management the fee receivable from the student for the past years is currently under reconciliation and the same will be completely considered on accrual basis by the next financial year 2022-23. The University has so far accrued the fee for Rs. 45.55 crores in FY 2021-22. In the absence of complete reconciliation, we cannot currently determine the impact of the same on the financial statement.



7. Unrecognized provident fund schemes

The University runs the provident fund scheme that is neither recognized from the PF authorities nor it's recognized from the Income Tax department. In the absence of recognition from the Income tax department the employees cannot claim the benefit of deduction under section 80C for contribution to provident fund. However, we observed that benefit of section 80C is still being provided to the employees. Further, as the provident fund is unrecognized, any amount paid to employee at the time of retirement/retrenchment/resignation is fully taxable in the employee hands and the University is required to deduct TDS on the same. However, we observed that no such TDS deduction has been made by the University.

8. Perquisite value not added for Rent free accommodation provided to employee

As per the provision of the Income Tax Act, 1961, if any organization is providing rent free accommodation to its employee than the perquisite value of such rent-free accommodation need to be added to the income of the employee for Income Tax purposes and suitable TDS on same needs to deducted from the employee salary for that. However, we observed that no such perquisite is added for accommodation provided to the employees.

9. Transfer of Hamdard Institute of Medical Science and Research (HIMSR) to Hamdard Education Society as a going concern

During the financial year ended 2021-22, the Board of Management of Jamia Hamdard University in their meeting dated 03.07.2021 passed an irrevocable resolution to transfer HIMSR to Hamdard Education Society (HES) as a going concern. In our opinion, transfer of assets that have been created over the many years through application of income of the University cannot be transferred as a corpus donation to HES as it will contravene provision for Twelfth proviso of Section 10(23c) and the same will become taxable in the hand of the University.

Further, as per Para 43 of the University MO.A, the books of accounts of the University shall be maintained, managed and operated in the name of the institution and the funds of the institution shall not be diverted at any time to any other accounts. HIMSR has started using the PAN of another society "Hamdard Education Society" (HES) in the current year and also the accounts of the HIMSR have not been consolidated with the University in the current year. Attention is drawn to Note 14 of the Financial Statement that specify this fact. As per University management the act of HIMSR to start using the PAN for another Society without obtaining necessary approval from the UGC and other Government Organization for transfer of HIMSR is against the provision of laws and the University is currently not treating this transfer as taxable, we have been informed that currently all legal options are being explored by the University.



10. RCM liability not discharged as per provision of GST Act.

University avails many services on which the University is required to pay the GST under reverse charge mechanism. However, we observed that University is currently not paying its RCM liability. An example of the RCM liability is the legal expenses being booked by the University.

11. Expenses not booked on accrual basis.

Although the University is required to follow the accrual system of accounting, However, we observed that the same is not being followed by the University and all the expenses are primarily booked on Cash Basis.

12. Substantial employee benefits provisions not recognized in books of accounts

University provides the post retirement pensions and gratuity/leave encashments to its employees. As all these benefits are although provided in future but the services for availing these benefits are rendered by the employee in every year of employment. The university needs to recognize the expenses in its books of accounts for pension/gratuity/leave it is expected to provide in future. The university has carried out the Actuarial Valuation for these liability in respect of all the employees that are currently working and the amount of liability existing as at 31.03.2022 is Rs. 314.43 crores. As at 31.03.2022, the University has created a provision for Rs. 30 crores out of this amount and the balance provision for Rs. 284.43 crores has not been created in the books of accounts.

Nature	Amount
Pension Liability	2,394,432,056
Leave encashment	397,432,895
Gratuity	352,436,696
Total	314,43,01,647

The above table only represents the liability in respect of employee's who are currently working with the University. In relation to employees who have already retired, the University does not hold appropriate records to determine the extent of liability for the current pensioners and their liability is accounted for on cash basis.

13. Receipts and payment account not created by the University

The University is not preparing the receipt and payment account with its financial statements. The receipt and payment accounts is required for filling the Income Tax Return (ITR) of the University. In the absence of receipts and payment accounts the ITR will be filled by the University assuming that the Income and Expenditure accounts represents the receipts and payments during the year after making some adjustments.

We conducted our audit in accordance with the Standards on Auditing (SAs) issued by ICAI. Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the



Audit of the Financial Statements section of our report. We are independent of the University in accordance with the Code of Ethics issued by the ICAI and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our qualified opinion.

Other matter

1. The financial statement includes the financial information/financial statements of the constituent Kannur Campus Division of Jamia Hamdard, which have not been audited by us. The audit for this constituent is under progress and there financial statement has been included on the basis of the management certified financial information for Kannur Campus. Our opinion on these financial statements in so far related to the financial information pertaining to this constituent is based solely on these unaudited financial information/financial statement

Our opinion is not modified in respect of the above matters as Kannur campus division is not material to the overall financial statement.

Responsibilities of the Board of Management and Those Charged with Governance for the Financial Statements

Board of Management is responsible for the preparation of these financial statements that give a true and fair view of the state of affairs, income and expenditure and receipt and payments of the University in accordance with the accounting principles generally accepted in India. This responsibility includes design, implementation and maintenance of adequate internal financial controls relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Those charged with governance are responsible for overseeing the University's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it



exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

For KRA & Co.
Chartered Accountants
(Firm Registration No.020266N)



Rajat Goyal
Partner
Membership No.: 503150
UDIN No.: 22503150BCBKKG4101
Place: Delhi
Date: 31.10.2022



Ministry of Education
Government of India



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2022

**Jamia Hamdard, New Delhi
Ranked 45 in University Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA



Ministry of Education
Government of India



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2022

**Jamia Hamdard New Delhi
Ranked 100 in Management Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA





JAMIA HAMDARD

(Deemed to be University)

Accredited in 'A' Grade by NAAC

Rank 1st in Pharmacy, 2022 by NIRF, Govt. of India

(Hamdard Nagar, New Delhi - 110062)

Tel. No. : 011-26059688

Website : www.jamiahamdard.edu