



**HAMDARD INSTITUTE OF MEDICAL SCIENCES & RESEARCH &
ASSOCIATED HAH CENTENARY HOSPITAL, JAMIA HAMDARD
NEW DELHI – 110062**

**BULLETIN OF INFORMATION FOR POST GRADUATE COURSES
2017**

Hamdard Institute of Medical Sciences & Research (HIMSAR) at Hamdard Nagar in New Delhi was established in 2012 as an ambitious project of Jamia Hamdard aimed at furthering its scope in the life sciences and health domains and providing quality healthcare at an affordable cost.

HIMSAR has been established as an institution of national importance with the objectives to develop patterns of teaching in Undergraduate and Post-graduate Medical Education in all its 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

In the first phase, the institute is supported by two teaching hospitals, namely, the 606 Bedded Hakeem Abdul Hameed Centenary Hospital and 240 Bedded Sayeeda Memorial Hospital. These are currently being upgraded in conformity to Medical Council of India guidelines.

HIMSAR 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 is affiliated to Jamia Hamdard

Hamdard Institute of Medical Sciences & Research is the great leap forward in line with the vision of the founders of Jamia Hamdard and in fulfilling the dream of Hakeem Abdul Hameed to create an institute for suffering humanity. It shall establish the philosophy of Hamdard "Compassion, Concern, Care and sharing in 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 high level of medical care to the patients. Just to give a glimpse of the services rendered by the hospital

to the needy patients, nearly 448,000 patients were provided consultation and treatment in the outpatient departments during the year 2016. Out of these 66,000 patients were admitted as in-door 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. A new super-specialty hospital with state-of-the-art facilities is coming up in the campus

We are greatly pleased to announce the starting of PG Courses (MD/MS) in Anatomy, Pathology and Community Medicine at HIMSR for the Academic year 2017-18.

NUMBER OF SEATS & SUBJECTS

Anatomy: 3(Three) seats

Pathology: 3(Three) seats

Community Medicine: 3(Three) seats

ELIGIBILITY

ELIGIBILITY CRITERIA FOR ALL CANDIDATES:

ALL ADMISSIONS SHALL BE BASED ON THE ELIGIBILITY AS PER THE NATIONAL ELIGIBILITY CUM ENTRANCE TEST (NEET-PG-2017)

- 1) The candidate must be an Indian National.
- 2) **Qualifying examination:** A candidate who holds MBBS degree from a medical college recognized by MCI or a foreign medical degree included in the schedules to the Indian Medical Council Act, 1956 and who has obtained full registration from the Medical Council of India or any of the State Medical Councils after completing compulsory rotating internship shall be eligible for admission to HIMSR.
- 3) Candidates who have obtained their MBBS from colleges which are not recognized by Medical Council of India will not be granted admission.
- 4) An Indian National who qualified from a Foreign University/School must produce an eligibility certificate recognizing the qualifying examination as equivalent to MBBS, as recognized by Medical Council of India. This may be obtained from the The Secretary, Medical Council of India (MCI), Sector-8, Pocket-14, Dwarka-1, New Delhi-110075. <http://www.mciindia.org>
- 5) A candidate who after passing the final qualifying examination (MBBS or the foreign Medical degree recognized by MCI) is undergoing 12 month compulsory internship / practical training and is likely to complete the same by 31.03.2017 can take the examination but he/ she shall not be eligible for admission unless he / she has completed the compulsory rotating internship and obtained full registration on or before 31.03.2017, or the candidate produces a certificate from the head of institution certifying that he / she will be completing internship by 31.03.2017.
- 6) No condonation of compulsory rotating internship shall be accepted unless approved by the Medical Council of India along with necessary proof of the approval of the Medical Council of India. The

condonation of compulsory rotating internship shall be restricted to the period up to 31.03.2017 and not beyond that date.

7) Registration with the MCI / State Medical council is necessary and its documentary proof shall be furnished at the time of counselling.

8) **Age limit:** There is no Upper age limit for admission to PG Medical courses

9) 50% of the seats in the PG COURSES are reserved for Muslim minority

PROCEDURE FOR SELECTION:

The selection for admission to the MS/MD postgraduate courses in Anatomy, Pathology & Community Medicine in Jamia Hamdard shall be based strictly on basis of All India overall rank obtained in the National Eligibility cum Entrance Test Postgraduate (NEET) 2017 conducted by the Central Board of Secondary Education. The procedure for selection is as follows:

1. The merit list shall be prepared as per NEET score/ All India overall rank of the candidates. The candidates applying in Jamia Hamdard on the prescribed application form are required to clearly indicate their NEET Registration Number and Roll Number.
2. In order to be eligible for admission to MS/MD Course, it shall be necessary for a candidate to obtain minimum of marks at 50th percentile in 'National Eligibility cum-Entrance Test Postgraduate 2017 examination. However, in respect of candidates with locomotor disability of lower limbs, the minimum marks shall be at 45th percentile. The percentile shall be determined on the basis of highest marks secured in the All-India common merit list in 'National Eligibility-cum-Entrance Test for admission to MD/MS postgraduate course'.
3. The candidate must have passed the qualifying examination on or before the date of admission. Candidate not reporting for admission and completing the admission formalities including deposit of fee etc. on the date and time fixed for admission, would forfeit his/her claim for admission and the seat so vacant will be offered to the next candidate on merit basis subject to his/her eligibility.
4. The candidates are required to fulfil all the eligibility criteria in terms of the education, age and such other eligibility conditions including deposit of the fee on the date and time of admission as specified in the selection list of admission.

Medical Examination: The selected candidates shall have to undergo medical examination by a Medical Board set up by the HIMSR, consisting of Faculty members of the Institute. If, in the assessment of the Medical Board, a candidate is found medically unfit to be admitted to the course, then his/her candidature for admission will be rejected and he/she will not be admitted. The decision of the Board in this regard shall be final. The university shall not consider any other medical certificates except the certificate given by the Medical Board of HIMSR. In case, of such forfeiture the seat fell so vacant, shall be offered to the next candidate in order of merit.

FEE STRUCTURE

Admission Fee (One Time) :	Rs. 10000
Enrolment Fee (One Time) :	Rs. 5000
Library Deposit (Refundable):	Rs. 8000

(a) Annual tuition fee

(i) Anatomy- Rs 15 lakh

(ii) Pathology- Rs 20 lakh

(iii) Community Medicine- Rs 16 lakh

STIPEND FOR P.G. TRAINEES: A P.G. Resident/P.G. Demonstrator is entitled to receive a stipend every month during the course of the training;

1 st year: Rs.76,000/

2 nd year: Rs.78,280/

3 rd year: Rs.80,628/

ACCOMMODATION : Partially furnished double occupancy free institutional accommodation is provided to P.G. Residents on request in the Jamia Hamdard campus. However those who elect not to avail of institutional accommodation should inform the Office of the Dean on admission . Students are required to vacate their accommodation within 2 weeks of finishing their course. Electricity charges and Mess charges are as per actual.

CERTIFICATES REQUIRED IN ORIGINAL TO REGISTER FOR ADMISSION:

1. M.B.B.S. Degree Certificate issued by the University.
2. M.B.B.S. Course and conduct certificate issued by the Principal/Dean.
3. Certificate of completion of compulsory rotating residential internship (CRRRI) issued by the Principal or Dean.
4. Migration certificate to be obtained from respective university.
5. Medical Council Registration certificate for MBBS and additional qualification certificate.
6. PG NEET 2017 admit card
7. PG NEET 2017 score sheet
8. Original and attested clear photocopy of date of birth certificate. (Eg. SSLC/HSC Marksheet)
9. Four passport size colour photographs for issue of identity card and for University registration.
10. Proof of identity (Passport /Voter ID /Driving License/Aadhaar card).
11. PAN Card , if available

DETAILS OF DEPARTMENTS

Department of Anatomy

Established in 2011, the faculty of the Department includes the following:

- Professors - 2
- Associate Professor- 1
- Assistant Professors - 2
- Demonstrators - 4

The Department is engaged in teaching students of following courses :

- MBBS
- MD - 3 seats permitted by MCI from 2017
- BPT, MPT, MOT degrees (Department of Rehabilitation sciences)
- BSc Nursing & MSc Nursing for students of Ruffaida School of Nursing
- BSc Medical Lab Technology (Department of Paramedical Sciences)

Departmental Facilities :

Dissection Hall – Spacious well ventilated and well furnished Dissection Hall with adequate number of dissection tables and seating for students, specimen storage tanks and plastic and glass jars, articulated skeletons, disarticulated bone sets, single and double X – ray viewing boxes and audio-visual facilities. The teaching faculty is readily available in the Hall for immediate help and guidance to the students.

Embalming and Cadaver Storage Facility – The department has an excellent set up for embalming and storage of cadavers. The three well-designed storage tanks have a combined storage capacity of 24–30 cadavers. The tanks are provided with a modern pulley system for easy lifting and transportation of the cadavers.

A mortuary freezer with adequate capacity to store at least four cadavers and dissected parts is also in use.

Histology Laboratory – The department has a modern Histology laboratory with comfortable seating arrangement for students along with an adequate number of monocular and binocular microscopes, ready to use slide sets of human tissues, organs and organ systems. This provides a congenial atmosphere for didactic teaching and self-learning facilities for students and teachers alike. Further, Photomicrographs and charts depicting microstructure of various tissues/organs are available to further augment the teaching-learning process.

Tissue Processing and Preparatory laboratory and the associated Research section provide additional facilities for in house preparation of slides.

Museum – The department maintains an excellent museum that is divided into three sections : i) Radiological Anatomy with adequate number of radiographs, MRI, CT scans, ultra sonographs etc.

ii) Arthrology Section with models of various major joints of the body and iii) Gross/Developmental/Neuroanatomy section with wet specimens and fiberglass models/clay/plastic models and photographs /charts etc. As usual the museum is in a continuous process of development and up gradation. Thus every now and then, additional resources are added to make it an attractive teaching and learning facility.

Central Research Laboratory – The laboratory provides all the basic infrastructure and equipment needed for carrying out research in advanced and interdisciplinary projects like molecular biology, biochemistry, immunology and other similar subjects.

Academic training program – The department maintains a robust training program in the form of regular seminars, group discussions, journal clubs and research presentations.

Awards :

Prof. Raj D. Mehra is the recipient of several national awards that include Kshanika Award of ICMR, 2007; Fellow of Indian Academy of Neurosciences, 2008; Prof S.P. Jain Oration award of the Anatomical Society of India, 2013

Guest lectures, participation in national/Institutional meetings:

Prof. Raj D. Mehra delivered guest lecture “*Decade of Brain Challenges and Opportunities*” at the School of Life Sciences, Manipal University, Manipal, April 2016. She also Chaired the scientific Session in International Workshop on Stereology, held at MAMC, New Delhi, Sept.2015. She is a Member of Institutional Committee for Stem Cell Research (IC-SCR) of AIIMS, New Delhi, and Chairperson of the Institutional Animal Ethics Committee (IAEC) of AIIMS, New Delhi

Dr. Ranjana Verma was invited as Resource Faculty for the Workshop on Cast Preparation Techniques, MAMC, New Delhi Feb. 2015.

CME's ,Conferences participated in :

Dr. Ranjana Verma gave Oral Presentation at the 63rd NATCON at Lucknow, Nov.2015

Dr. Shalini Kumar gave a poster presentation in the same conference.

Dr. Pooja Bhadoria gave an Oral Presentation in 65th NATCON, Jodhpur, Oct.2016

Ongoing projects in the department:

- i) Understanding the “Role of Estrogen in Non reproductive areas of Brain”.
- ii) Morphological and morphometric analysis of hypoglossal canal in North Indian dry skulls and its significance in cranial base surgeries.
- iii) Evaluation of some important osteogenic parameters of jugular foramen and its significance with respect to expanded endoscopic endonasal approach

Faculty members of the Department of Anatomy, HIMSR have published several papers in indexed, peer reviewed national and international journals. The Faculty has published a total 55 papers since inception of the department.

Department of Pathology

Established in 2011 and provides diagnostic services in the fields of Histopathology, Cytology, Hematology, Clinical Pathology and Blood Banking.

Departmental faculty include:

- Professor-1
- Associate Professor-3
- Assistant Professor -4
- Demonstrator- 5

The Department is engaged in teaching students of following courses :

- MBBS Students
- MD -3 seats permitted by MCI from 2017
- BPT, MPT, MOT of Department of Rehabilitation sciences
- BSc Nursing, IInd year & MSc Nursing of Ruffaida School of Nursing
- BSc Medical Lab Technology of the Department of Paramedical Sciences, HIMSR

Departmental Facilities :

Histopathology and Cytology lab – This lab process approximately 5000 specimens every year. The rich clinical material ensures a wide variety of surgical and cytology specimens. This includes radical neck resections, mastectomy, colectomies, prostatectomies, thyroidectomies, to name a few of them. Both laboratories are well equipped to handle such specimens and the latest equipments include Rotary Microtome, Automated Tissue Processor, Tissue Embedding station, Electric Bone cutting saw & Bone Decalcifier.

Cryostat with UV disinfection has also been procured and Intraoperative Frozen section facilities are now available for the clinicians.

Hematology lab- The hematology laboratory carries out all the hematological investigations for IPD & OPD patients of our hospital. Automated hematology analysers, both 6 Part & 3 Part, ESR analyser and Automated coagulometer are the important equipments in this laboratory.

Blood bank: Licensed Blood bank is present in the hospital premises with State of the art facilities and modern equipments. Facilities for component preparation and platelet aphaeresis are present round the clock.

We also have a robust **academic training program** in the form of regular seminars, group discussion, journal clubs and Monthly Clinicopathological Conferences.

CME's ,Conferences organized and participated :

1. Transfusion Medicine Seminar on 9th July 2013
2. National level CME in Diagnostic Pathology on 7th Sept 2013
3. CME in Dermatopathology on 7th April 2015

4. Participated in Seminar on Dengue Virus Infection held on 1st October 2013 & gave a talk on 'Pathogenesis of Dengue Virus Infection': **Prof Sujata Jetley**

5. Participated in CME on 'Diagnosis & management of cervical intraepithelial neoplasia' held on 7 March 2015 & gave a talk on 'PAP : The Bethesda system': **Prof Sujata Jetley**

6. Participated in CME programme on "Carcinoma of Oral Cavity & Oropharynx" held on 21 March 2015 & gave a talk on 'Role of HPV in Oropharyngeal carcinoma': **Prof Sujata Jetley**

Ongoing projects in the department:

Investigator	Title
Prof S Jetley	- Role of Growth Factors and apoptotic markers associated with the spectrum of Morphological changes in endometrium
Dr Z Jairajpuri	- Role of Newer Techniques in Early Detection Of Oral Lesions In Tobacco Users - An analysis of clinicopathological profile of dermal amyloidosis
Dr S Khan	- Study of changes in hematological profile during pregnancy and puerperium in an uncomplicated pregnancy -Study of histopathological correlation of endoscopic findings in gastritis in a sample Indian population
Dr M J Hassan	- Study of role of nuclear morphometry as a supplement to fine needle aspiration cytology in early diagnosis of breast tumors.
Dr Safia Rana	- Association of H. pylori in Gall bladder lesions a clinicopathological study

Research work and inter-departmental collaborative studies with other departments of the Jamia Hamdard University are regularly undertaken.

The department has conducted a total of 4 ICMR Short Term Student Research projects which have been approved by the Indian Council of Medical Research.

(1) Study of Risk Factors in Oral Carcinoma and the relationship between Tumor Thickness and Regional Nodal Involvement Reference ID: 2014-01558.

(2) Role of Cytology in Evaluating Oral Lesions for Early Detection of Oral Cancers. Reference ID: 2015-07144.

(3) Role of Her2/neu and Ki67 (a proliferative marker) in gall bladder cancers Reference ID: 2015-05617.

(4) Study of *Helicobacter pylori* and associated risk factors in symptomatic patients with special emphasis on smoking, alcohol and socioeconomic status Reference ID 2016- 06170.

Interdepartmental collaborative studies

(1) Phd student : Inter-departmental collaborative study carried out with Faculty of Medicine, Unnani Medicine, Jamia Hamdard. Nephro-protective characteristics of Peucedanum grande against acute renal failure and oxidative stress after exposure to varying levels of toxicants.

(2) Phd student: Inter-departmental collaborative study carried out with National Institute of Pathology(ICMR). Role of Oxidative Stress in spontaneous aborters infected with Chlamydia trachomatis.

(3) Phd student: Inter-departmental collaborative study carried out with Department of Biochemistry, Jamia Hamdard. Role of Human Papillomavirus in Precancerous lesions of oral cavity and Comparative analysis of Secretory & Cellular proteins in Oral squamous cell carcinoma.

Faculty members of the department of Pathology, HIMSR also have numerous publications in indexed, peer reviewed national and international journals, total 85 in number since the inception of the department.

Department of Community Medicine

The department was established in 2011. Since its inception it has evolved and grown in the subsequent years. The department is competent and well equipped to carry out its primary objectives of teaching and training of Under graduate and Post graduate students and training of interns in Community Medicine.

1. Department details:

The department has the following no. of faculty at present:

1. Professor-1
2. Associate Professor-2
3. Assistant Professor-4
4. Lecturer-2
5. Demonstrator-3

Non-teaching staff present in the department are:

1. Medico social worker-1
2. Health and Sanitary Inspector-1
3. Attendant-2

The Department is engaged in teaching students of following courses-

- MBBS Students
- MD -3 seats permitted by MCI from 2017
- BPT, MPT, MOT by Department of Rehabilitation sciences
- MSc Community Nursing by Ruffaida School of Nursing
- BSc Medical Records by Department of Paramedical Sciences, HIMSR

The various sections present in the department are:

1. **Epidemiological Section:** The section is involved in carrying out epidemiological studies and health inspection in the university and in the community.
2. **Biostatistical unit:** The biostatistics unit is analyzing the data of research projects being carried out by the department.
3. **Health education section:** The unit is involved in imparting health education to health workers in the university, food handlers, patients visiting the hospital and community dwellers.
4. **Family care study section :** This section is carrying out family health care programme in the catchment areas of the urban and rural health training centers attached to the department.
5. **Departmental research laboratory:** The department has a well equipped research laboratory to carry out various tests associated with ongoing research.
6. **Departmental museum:** It has all the required specimens, models, and charts to facilitate undergraduate teaching and training
7. **Departmental library :** The library has over 150 books which is accessible to faculty members and students.

CME's ,Conferences organized and health days celebrated:

The department is actively involved in organizing CME's,conference,workshops and also celebration of important health days.

CME's and conferences organized by the dept are:

1. CME on "Elimination of Hepatitis" was conducted and the chief guest for the event was Prof M.S Khuroo.
2. CME on "Immunisation Update" was conducted with eminent speakers from WHO and BMGF and chief guest for the event was Dr Pradeep Haldar.
3. Symposium on "Beat Diabetes" on the occasion of World Health Day 2016 ,HIMSR,New Delhi.
4. Member Organiser of 28th Annual Conference Indian Society of Atherosclerosis Research,2015, New Delhi
5. Collaborator of 3rd International Conference of Occupational and Environmental Health,23-25th September 2016,at NIHF New Delhi.
6. Collaborator of International Conference on Youth and Adolescent Health,2017,New Delhi

Publication details:

In the last 5 years 80 national and international publications have been made by the faculty members in the department.

Community Medicine Department has MOU with-

Department collaborates with different governmental and non governmental health agencies in planning and implementation of several National Health Programs such as National Revised T.B. Control Programme, National Polio Eradication Programme, National AIDS Control Programme, National Immunization Programme, Maternal and Child Health Program etc.

- Directorate of Health and Family Welfare Govt. of Delhi
- Directorate of Health and Family Welfare, Haryana
- National Institute of TB and Respiratory diseases
- Inclen Trust
- Agragami
- UN High Commissioner for Refugees

Memberships

- Nodal department for implementation of RNTCP in the medical college and Member of Delhi State taskforce on TB

Ongoing projects in the department:

Research in the areas of Public Health and Community Health are essential aspects of the department. The following research projects are being carried out in the department:

SN	Title	Investigators
1.	Pattern and determinants of physical activity and dietary practices among urban school going adolescents in Delhi	Dr. Rambha Pathak
2.	Evaluation of personality characteristics among medical students of HIMSR	Dr. Sushovan Roy
3.	Cyto-pathological profile of reproductive tract infection among women of Delhi	Dr Nazish Dr Zeeba S. Jairajpuri Dr Farida Iqbal
4.	(STS-ICMR Project); A study on comparison between complications of medical and surgical abortions and an analysis of patients previous knowledge about contraceptives.	Miss Preetha Umesh Dr Swaraj Batra Dr Rambha Pathak
5.	(STS-ICMR Project); Menstrual hygiene management and school absenteeism among girls of Delhi	Miss Aditi Vashishth, Dr Rambha Pathak
6.	Effect of educational package on tobacco consumption behavior of community dwelling residents of Pulprahlad Pur, New Delhi	Dr Mamta Dr Mitasha Singh
7.	Effectiveness of Immunization-reminder service in increasing compliance	Dr. Farzana Islam and Dr. Zakirhusain Shaikh,
8.	Epidemiological profile of RTA cases admitted in tertiary care centers of Delhi.	Dr Rashmi Agarwalla, Prof Rambha Pathak
9.	Assessment of vaccine wastage in health care centers of a tertiary care centre of South east district, Delhi	Dr Farzana Islam
10.	A study of primary immunization coverage among children aged 12-23 months in slum areas of Delhi using cluster sampling technique	Dr Nazish Rasheed Dr Farzana Islam
11.	Health profile of workers of flour mill, Delhi	Dr Faheem Ahmed

2 .Health Center Details:

Under the department of Community Medicine two health centres are run:

1. Urban Health Training Center, Pulprahlad Pur
2. Rural Health Training Center, Madanpur Khadar

Staff at each of the health centers:

1. Medical officer-1
2. Nurse-1
3. Sanitary and Health inspector-1
4. Lab. Technician-1
5. Medico social worker-2
6. Attendant-1

The centers are catering to an average 150-200 patient per day. It provides comprehensive health care to the community and caters to a population of 1, 00,000. Both OPD and IPD services are provided. Other services provided at the center are:

1. Immunization services
2. Health education and counseling
3. Training of interns
4. Family planning services
5. Maternal and child health services
6. School health services
7. Laboratory services

Primary Health Centers of Department Of Health & Family Welfare, Govt. Of Haryana attached to the dept.

- A) PHC Pali
- B) PHC Anangpur
- C) PHC Tahegaon