

Faculty of Pharmacy

The 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. A sizeable number of students of the Faculty qualify GPAT securing high score. The faculty offers PhD in different disciplines, M Pharm in eight branches, B Pharm and D Pharm courses. Students get placements in major pharmaceutical companies after obtaining degrees from Jamia Hamdard.

Many faculty members have research projects funded by National / International funding agencies and Pharmaceutical Industries. A new Pharmacy block dedicated to research in advanced fields of nanomedicine, bioactive natural products, CADD etc. with state of the art instruments and other facilities is also part of the Faculty. The Central Instrumentation Facility (CIF) of the Faculty is equipped with modern equipments needed for advanced pharmaceutical research like NMR spectrometer (400 MHz), LC-MS, Malvern zetasizer, SCF, AFM, HPLC, HPTLC, HPH, DSC etc. The Faculty has a Computer Centre having 30 PCs with Internet connectivity. All the departments of Faculty are actively involved in research as can be seen by publications. The Faculty has published more than 1000 research papers in SCI indexed reputed journals and applied more than 25 patents in last five years and 9 are granted.

The Department of Pharmaceutics has collaboration with Faculty of Management for their MBA Pharmaceutical Management programme for teaching and placement related activities. The MBA Pharmaceutical management programme is designed to provide technical and administrative skills in management & research in Pharmaceutical sector.

The M Pharm programme in Pharmaceutical Analysis of the Department of Pharmaceutical Chemistry is also strengthening with the collaboration with the Department of Chemistry (Faculty of science). The instrumentation facility and their expertise in this field gives a considerable support in learning and placement in pharmaceutical companies on mutual basis.

The research and teaching programme in M Pharm Pharmaceutical Biotechnology of Department of Pharmacognosy & Phytochemistry is supported-cum-collaborated with Department of Biotechnology, Faculty of Science. Training under the guidance of experienced staff of Department of Biotechnology helps students in their placement and higher studies in India & abroad. The highlighted areas of research in the Department are Development of Bio molecules, recombinant DNA technology and regulation of gene expression and fermentation technology etc.

The Department of Pharmacology has multidisciplinary collaboration with HIMSR and Centre for Translational and Clinical Research, Faculty of Science. The M Pharm in Pharmacy Practice programme is augmented with the Clinical Research programme of Faculty of Science and Department of Community medicine of HIMSR. In the HAH centenary hospital of Jamia Hamdard students of the Pharmacy Practice programme assist doctors in possible drug interaction and train patients to understand dosage regimen and other healthcare related queries. Department of Clinical Pharmacology of HIMSR is supported with the vast experience of the senior Faculty of the Department of Pharmacology, Faculty of Pharmacy.

This Faculty consists of the following four departments:

- Department of Pharmaceutical Chemistry
- Department of Pharmaceutics
- Department of Pharmacology
- Department of Pharmacognosy and Phytochemistry

Programs of study and selection procedure

Undergraduate & Diploma

Bachelor in Pharmacy (B Pharm)

Duration: Four Years (8 Semesters)
Seats: 120 (40 General and 80 SFS, inclusive of seats reserved for NRI/Sponsored candidates. Additional seats are available for Foreign National candidates.
Eligibility: A candidate must have:

- Passed Senior Secondary (12th Standard/Intermediate) examination with Physics, Chemistry and Biology from Central Board of Secondary Education or any other examination recognized by Jamia Hamdard as equivalent thereto securing at least 50% marks in the aggregate as well as in Physics, Chemistry and Biology.
- Appeared in AIPMT 2016 (All India Pre Medical Test for MBBS Programme) conducted by CBSE.
- Completed the age of 17 years on or before 31st December 2016 as per PCI norms

Selection procedure: On the basis of merit through AIPMT 2016 conducted by CBSE for MBBS, among the candidates, who apply for B Pharm. admission in Jamia Hamdard through Jamia Hamdard Application Form.

Non-AIPMT candidates may also apply. Although AIPMT candidates will be preferred, non-AIPMT applicants may be considered on the basis of merit in qualifying examination (PCB)-cum-interview. The weightage of interview shall be 15%.

Note: Candidates who have passed 12th Standard / Intermediate from Open School are not eligible.

B Pharm II Year (Lateral entry)

Duration: 3 Years (6 Semesters)
Seats: 12 (SFS, inclusive of seats reserved for NRI/Sponsored candidates). Additional seats are available for Foreign Nationals.
Eligibility: A candidate must have:

- Passed Diploma in Pharmacy examination of Jamia Hamdard or from any other recognized institution with 50% marks in the aggregate.
- Passed 10+2 examination from CBSE or any other board recognized by JH as equivalent thereto with PCB.

Selection procedure: Admission to B Pharm II Year will be made on the basis of merit determined by marks obtained in D Pharm course and/or Interview.

Diploma in Pharmacy (D Pharm)

Duration: 2 Years
Seats: 60 (inclusive of seats reserved for NRI/Sponsored candidates); additional seats are available for Foreign Nationals.
Eligibility: A candidate must have

- Passed Senior Secondary (12th Standard/Intermediate) examination with Physics, Chemistry and Biology from Central Board of Secondary Education or any other examination recognized by Jamia Hamdard as equivalent thereto, securing at least 45% marks in the aggregate and also in the aggregate of Physics, Chemistry and Biology.
- Appeared in the interview conducted by Jamia Hamdard.
- Completed the age of 17 years on or before 31st December 2016 as per PCI norms

Selection Procedure: Admission to D Pharm programme shall be made through merit in qualifying examination-cum-interview (Weightage of interview will be 15%).

Note: Candidates who have passed 12th / Intermediate from Open School are not eligible.

M. Pharm.

Master of Pharmacy (M Pharm)

Duration: Two years (Four Semesters)

Seats: 77 (inclusive of seats reserved for NRI/Sponsored candidates). Additional seats are available for Foreign Nationals.

Specialization	No. of Seats (may vary as per AICTE/PCI norms)
✓ Pharmaceutical Chemistry:	10
✓ Pharmaceutics:	15
✓ Pharmacognosy & Phytochemistry	08
✓ Pharmacology	15
✓ Pharmacy Practice	08
✓ Quality Assurance	08
✓ Pharmaceutical Biotechnology	05
✓ Pharmaceutical Analysis	08

Eligibility: A candidate must have:

- Passed B Pharm / B Pharm (Unani) examination or any other examination recognized by Jamia Hamdard or an institution recognized by Jamia Hamdard and AICTE, securing at least **55%** marks in the aggregate of theory papers and practicals.
- Appeared in GPAT. Preference will be given to GPAT qualified candidates
- Appeared in the Entrance Test/ Interview conducted by Jamia Hamdard

Note:

- Non-GPAT candidates may be eligible only for seats under NRI / Sponsored category, in case GPAT qualified candidates are not available.
- For consideration under the Sponsored category, candidates should have a two year full-time work experience in a registered firm / industry / educational institution. If experienced candidates are not available, consideration to fresh candidates may be given.

For NRI/ Sponsored category, candidates have to appear in written Entrance Test / Interview (date and time will be announced in due course of time)

Selection Procedure: The applicants for admission to the M Pharm programme (General and NRI / Sponsored category) shall have to appear in the written entrance test/ Interview. If entrance test conducted the test paper will comprise of questions based on general syllabus of B Pharm. The selection will be made on the basis of the merit prepared by apportioning the following weightages:

- Weightage of score in GPAT 50% (under general category)
- Weightage of Entrance test/Interview conducted by Jamia Hamdard 50%.
- Weightage of Interview 50% (under NRI/Sponsored category candidates)

Important note: Some scholarships may be available for MPharm students from AICTE.

PhD

The Faculty of Pharmacy offers PhD in the following disciplines:

- Pharmaceutics and Pharmaceutics with specialization in Quality assurance
- Pharmacognosy & Phytochemistry and Pharmacognosy & Phytochemistry with specialization in Pharmaceutical Biotechnology
- Pharmaceutical Chemistry and Pharmaceutical Chemistry with specialization in Pharmaceutical analysis
- Pharmacology and Pharmacology with specialization in Pharmacy Practice.
- Pharmaceutical Medicine

Duration: Minimum two years

Eligibility: Candidates should have:

- Passed M Pharm from Jamia Hamdard or from any other institution, recognized by AICTE and Jamia Hamdard in the relevant subject securing at least 55% marks in the aggregate or equivalent grade.
- Candidate having MSc degree in Clinical Research with minimum 55% marks or equivalent grade shall be eligible to be considered for admission to Ph.D programme in Pharmacology subject to the condition that he/she possesses B. Pharm degree.
- The candidates from Bioscience/Life Science stream with NET-JRF/NET-LS may also apply for different disciplines in PhD in Pharmacy.
- Preference shall be given to GPAT / GATE qualified candidates.
- Appeared in the Entrance Test/Interview or both conducted by Jamia Hamdard.

Candidates holding other fellowships of agencies like UGC, DST and ICMR etc may also apply. Please see the PhD admission guidelines for detail.

Selection procedure: Admission to PhD programme shall be made on the basis of written test/GPAT score followed by an interview of shortlisted candidates, conducted by Jamia Hamdard.

Candidates with M Pharm in allied discipline viz quality assurance / pharmaceutical biotechnology / pharmaceutical analysis / pharmacy practice shall have to attempt the section of question paper specified / desired by them, if entrance test conducted.

Foreign students with essential qualification may also apply for PhD.

Note: Students admitted to PhD programme will be required to qualify in the PhD coursework in prescribed duration of time, as per the PhD guidelines.

PhD Pharmaceutical Medicine

Seats: General - 4 (1 reserved for Sun Pharmaceuticals sponsored candidates), plus Other - 6 (03 SFS, 01 for Sun Pharmaceuticals sponsored candidate, and 02 for NRI / Industry sponsored candidates)

Eligibility: Candidates should have

- Passed M Pharm from Jamia Hamdard or from any other institution recognized by AICTE and Jamia Hamdard in Pharmacology / Hospital Pharmacy / Clinical Pharmacy / Pharmaceutics or MBBS degree from a recognized institution. Preference will be given to MD / DNB degree holders in Pharmacology / Medicine / Clinical Pharmacology. Candidates with MSc degree in Pharmacology may also be considered. The required percentage is 55% in aggregate in the relevant subject or equivalent grade.
- Candidate having MSc degree in Clinical Research with minimum 55% marks or equivalent grade shall be eligible to be considered for admission to Ph.D programme in Pharmaceutical Medicine subject to the condition that s/he possesses B. Pharm. / MBBS degree. These candidates will be required to qualify the Jamia Hamdard Entrance Test / Interview, if they have not qualified NET or an equivalent test.
- The candidates from Biosciences/ Life Science stream with NET-JRF/NET-LS may also apply for different disciplines in PhD in Pharmacy.

Candidates holding other fellowships of agencies like UGC, DST and ICMR etc may also apply. Please see the PhD admission guidelines for detail.

Selection procedure: Admission to PhD programme shall be made on the basis of Entrance Test/Interview conducted by Jamia Hamdard. The paper will comprise of questions (75% objectives and 25% subjective) based on the M Pharm syllabus of respective discipline. The interview will be based on the M Pharm syllabus of the relevant discipline.

Foreign students with essential qualification may also apply for PhD.

PhD in collaboration with Sun Pharmaceuticals Ltd.

The Faculty offers a unique programme leading to PhD in Pharmaceutical Medicine in collaboration with Sun Pharmaceuticals. Training is provided in the areas of pre-clinical pharmacology and toxicology, clinical pharmacokinetics, biopharmaceutics and drug regulation.

For admission to various programs in this Faculty,

Please visit Online Admission Portal at www.jamiahamdard.edu
or www.jamiahamdard.ac.in

For any further query, please contact: **Dean, Faculty of Pharmacy**