

Medical Science

Post Graduate Programmes

M.Sc. Medical Biochemistry/M.Sc. Medical Microbiology/M.Sc. Biotechnology/ M.Sc. Anatomy/M.Sc. Physiology

Objective:

- To provide students knowledge of advanced Biochemistry, Analytical Techniques, Bioprocess Technology, Medical Biotechnology, Bioinformatics & Proteomics and Genomics.
- To provide students with Practical Skills in Specific Diagnostic Techniques and Handling of Sophisticated Instruments.
- To equip students with Skills in Developing Bio-tech Products based on natural strains of Micro-organisms and Tissue Cultures, and various Re-combinant Techniques.

Duration of the course: 2 years

Eligibility Criteria: The candidate should have qualified in MBBS / BDS / B.VSc. / BAMS / BHMS / B. Sc. Nursing / BPT / B. Pharm. / B.Sc. Medical (Anatomy, Physiology, Biochemistry)/B.Sc in Biological Sciences*/M.Pharma# examinations from recognized university/institution with minimum 50% marks for general category and 40% marks for candidates belonging to Scheduled Caste and Backward Classes and 45% marks for Physically handicapped category candidates.

Notes:

* The candidates will have to opt for bridge courses in medical subjects like anatomy, physiology etc. as decided by equivalence committee

The candidates with M.Pharma (Pharmaceutical Sciences/ Pharmaceutics/ Pharmacolgy) will be eligible for Term exemption.

Fee at the time of applying:

Application fee	:	Rs 1100/-
Registration Fee	:	Rs 4000/-
Prospectus fee	:	Rs 2000/-

Fee for the Programme :

	1st Year	2nd Year
Tuition Fee	Rs 90000/-	Rs 90000/-

Hostel Fee(Except Mess Charges)	Rs 21500/-	Rs 21500/-
Day Scholar Charges	Rs 5000/-	Rs 5000/-
Exam fee	Rs 8100/-	Rs 8100/-
Security Deposit	Rs 5000/-	(Refundable)
Total	Rs 129600/-*	Rs 124600/-

***Fee to be deposited at the time of admission Rs 129600/-**

Job Opportunities:

- Government agencies, such as CSIR,ICMR, Ministry of Health Departments
 - Private health care services
 - Pharmaceutical companies
 - Medical schools and university-affiliated teaching hospitals
 - Veterinary hospitals
 - In Biotech-based Companies, Pharma Industry and R&D Laboratories.
 - In Pharmaceutical, Plant and Animal Bio-technology, Aquatic / Fishery Bio-technology and Tissue Culture Industry.
 - In Industries Engaged in the Manufacture of Enzymes and Vaccines and in Crop Improvement and Animal Husbandry Products and Services.
 - Academic and research positions at various college and universities.
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Ph.D. Programmes

Ph.D. Programme in Medical Biochemistry, Biotechnology, Medical Microbiology / Pharmaceutical Sciences / Health Sciences

Vision of the centre: to “Promote, Nurture and Achieve excellence” in frontier areas of Medical and Health Sciences by offering novel teaching and research programmes in the field of Biotechnology, Microbiology, Biochemistry and Pharmaceutical sciences.

The students admitted to Ph.D. programme undergo a rigorous 20 credit hour course work under Choice Based Credit System and work for their research projects in different departments of Adesh Institute of Medical Sciences and Research (AIMSR), Adesh Institute of Dental Sciences and Research (AIDSR), Adesh Institute of Pharmacy and Biomedical Research (AIPBS) and Adesh Institute of Paramedical Sciences of the university. Some student projects can also be carried out in collaboration with the faculty of Central University of Punjab.

Offering Institution: Centre for Interdisciplinary Biomedical Research under the Faculty of Medical Sciences of Adesh University.

Research areas: Discovery of new pro biotic, antibiotic resistance in bacteria and molecular basis of human disorders including miscarriages.

The Centre has highly qualified faculty with research experiences in reputed international institutes in countries like Australia and Germany.

New laboratories of the centre are coming up in the main building of Adesh Institute of Medical Sciences and Research including a Molecular Cytogenetic Laboratory.

Eligibility:

Ph. D. in	Eligibility
Medical Biochemistry / Medical Microbiology / Biotechnology	MD/MDS or M.Sc. in Life Sciences with relevant specialization with atleast 50 % marks
Pharmaceutical Sciences	MD/M.Sc. in Pharmacology /M.Pharm./M.Sc. Pharmaceutical Sciences with atleast 50 % marks
Health Sciences	MD/MDS with atleast 50 % marks

Duration:

Full Time			
With M.Phil.		Without M. Phil.	
Min	Max	Min	Max
2 yrs	4 yrs	3 yrs	5 yrs
Part Time			
With M.Phil.		Without M. Phil.	
Min	Max	Min	Max
3 yrs	5 yrs	4 yrs	6 yrs

Fee at the time of applying:

Application fee:	1100/-
Registration fee:	5000/-
Prospectus fee:	1000/-

Fee for the Programme:**For full time Ph.D. Programme**

	1 st Sem	2 nd Sem
Tuition fee	Rs 27500/-	Rs 27500/-
Hostel fee (except Mess Charges)	Rs 10750/-	Rs 10750/-
Examination fee	Rs 4050/-	Rs 4050/-
Library/Internet	Rs 1000/-	1000/-
Student Amenities Fund	Rs 750/-	Rs 750/-
Security Deposit	Rs 5000/- (Refundable)	
Total	Rs 48050/-*	Rs 43050/-

*Fee to be deposited at the time of admission: Rs 48050/-

For Part time Ph.D. Programme

	1 st Sem	2 nd Sem
Tuition fee	Rs 35000/-	Rs 35000/-
Hostel fee* (except Mess Charges)	Rs 10750/-	Rs 10750/-*(as applicable)
Examination fee	Rs 4050/-	Rs 4050/-
Library/Internet	Rs 1000/-	Rs 1000/-
Student Amenities Fund	Rs 750/-	Rs 750/-
Security Deposit	Rs 5000/- (Refundable)	

Total

Rs 56550/-*

Rs 51550/-

***Fee to be deposited at the time of admission: Rs 56550/-**

Placement Avenues: Research and teaching institutes in India and abroad, medical colleges. Faculty positions at colleges and universities.
