

Research Activities

All post-graduate students shall be encouraged to carry out research activities in the department other than dissertation work in conjunction with the faculty of the department.

[All the PG students are expected to attend and actively participate in journal club, subject seminars, case discussions, postmortem review meetings, discuss and enter in log book the relevant details. The presentations would be evaluated using check lists and would carry weight age for internal assessment. A monthly time table for each with names of the students shall be announced in advance for them to prepare]

Clinical / Practical Training

Rotation postings in other departments:

(1) Anatomy	2 weeks
(2) Biochemistry	1 week
(3) Physiology	1 week
(4) Pathology	4 weeks
(5) Blood Bank	1 week
(6) Medicine	2 weeks
(7) Microbiology	1 week
(8) Dental [oral medicine and radiology]	1 week
(9) Psychiatry	2 weeks
(10) Radiology	2 weeks
(11) FSL	1 week
(12) Medical education department	1 week
(13) Surgery	1 week
(14) Orthopaedics	1 week
(15) Casualty posting	4 weeks
(16) Autopsy posting	Daily
(17) Exposure to courts along with seniors on rotation	
(18) Visit to scene of crime	
(19) Specimen mounting--system wise 1-2 organs in each term (6 months)	

Other Criteria to Be Fulfilled For the Degree Course

Internal evaluation

It shall be as per the institutional rules.

Purpose is to ensure clinical expertise of student with practical & communication skills and balance broader concept of diagnostic and therapeutic challenges.

Maintenance of Log book

Every candidate shall maintain a Log book/work diary and record his/her participation in the training programs conducted by the department such as journal reviews, seminars etc. Special mention may be made of the presentations by the candidate as well as details of clinical or laboratory procedures, if any, conducted by the candidate. All the procedures performed by the post graduate students should be entered in the Log book. All the daily activities including the postmortem duty, casualty rounds etc. and the routine procedures performed on day to day basis should be entered in the Log book and it should be verified and signed by the faculty member. The Log book shall be scrutinized and certified by the Head of the Department and Head of the Institution and presented in the University practical/clinical examination.

Dissertation

Objective: The student should be able to demonstrate capability in research by planning and conducting systematic scientific enquiry, data analysis and deriving conclusion. Also he should be able to effectively communicate scientific information for health planning. Guide for dissertation, submission and assessment: As per institutional rules.

Examination pattern

External Evaluation of P.G. Student's

Scheme of Examination

Theory	400 Marks
Clinical / Practical Examination	400 Marks
Viva- Voce Examination	200 Marks

Candidates will be allowed to appear for examination only if attendance (minimum 80%) and internal assessment are satisfactory and dissertation is accepted. As standard, one has to have scored 50% marks independently in theory and practical [to follow MCI guidelines].

Details of Examination

Theory

There shall be four papers, each of three hours duration.

Paper I	Applied basic sciences in relation to forensic medicine
Paper II	Forensic pathology, traumatology, toxicology, psychiatry, sexual jurisprudence
Paper III	Medical jurisprudence, laws in relation to medical profession
Paper IV	Recent advances or trends related to forensic pathology, toxicology, psychiatry, radiology; Modern investigation techniques.

[The distributions of chapters/topics shown against the papers are suggestive only and are liable to overlap]

Theory paper: Total marks of each paper will be 100. Questions on recent advances may be asked in any or all the papers. The format of each paper will be same as shown below.

Type of Questions	Number of Questions	Marks for Each Question	Total Marks
Long answer question	03	25	75
Short notes	01	8,8,9	25
Grand Total			100

Practical

Types of Cases	No. of Cases	Marks
Long Case	2 [150 + 75]	225
Clinical case examination	05 (25 marks each)	125
Spots	5 stations [10 marks each]	50
Laboratory test	3 (blood grouping, Gram staining, histopathology slides)	30
Expert opinion	One case	20
Total		450

External Evaluation of P.G. Student's - university examination

Practical

Practical examination shall be held for 2 days to elicit candidate's practical knowledge, logical approach, investigative and therapeutic skill, knowledge, logical approach, investigative and therapeutic skill.

Types of Cases	Marks
Long Case	

• Medicolegal autopsy	150
• Foetus/ bundle of bones examination	75
Clinical cases examination	
• Examination & certification of a case of injury	25
• Examination & certification of a case of age	25
• Examination & certification of a case of intoxication	25
• Examination & certification of a case of alleged sexual offence	25
• Examination & certification of a case of impotence / unsoundness of mind	25
Spotting - 5 stations [10 marks each]	50
The stations include soft specimens, poisons, photographs, X-rays, weapons, drugs, poisonous animals and plants, instruments used for emergency treatment, bones etc.	
Laboratory test	30
3 (blood grouping, Gram staining, histopathology slides)	
Expert opinion – one case	20
Total Marks	450
Grand viva including micro-teaching	150
Total practical	600

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression and interpretation of data. It includes all of course contents. The course content defined shall be divided into 4 parts; each examiner given a particular part and allowed to ask questions bearing his part [idea being covering of the whole subject and avoiding duplication].

Every examiner shall award marks out of 40, making it a total of 160. Microteaching 20 marks shall be allotted, wherein the candidate shall be asked to take a class on a given topic [shall be given day before] and his teaching ability being evaluated conjointly by all the examiners. Rest 20 marks shall be for discussion on the dissertation topic and the review of log book.

Activities:

Research projects:

S. No	Title	Researcher
1.	Pattern of knot in hanging cases	Dr. M. I. Sheikh
2.	Study of cardiac enzymes in sudden death cases	Dr. M. I. Sheikh, Dr. DVSS Ramavataram
3.	Study of learning approaches and style in second MBBS students	Dr. M. I. Sheikh