

Draft Guidelines for Post-Doctoral DM/M. Ch Courses

1. Introduction to DM/M. Ch. Course

DM and M. Ch courses are post-doctoral courses which aim to provide specialized training in various super specialities of medical and surgical fields. The purpose is to create super - specialists who would provide high quality health care and advance the cause of science through research & training. These courses would be of 3 years duration

2. Goals and Objectives of Post-Doctoral Course

The Post doctoral training should enable the student to:

1. Practice efficiently the concerned super - specialty, backed by scientific knowledge including basic sciences and skills.
2. Demonstrate sufficient understanding of the basic sciences relevant to superspeciality.
3. Diagnose and manage majority of conditions in his super - specialty (clinically and with the help of relevant investigations.
4. Demonstrate skills in documentation of individual case details as well as morbidity and mortality data relevant to the assigned situation.
5. Demonstrate adequate skills in various interventions that may be required to diagnose and treat the diseases related to the Super-speciality.
6. Exercise empathy and a caring attitude and maintain professional integrity, honesty and high ethical standards
7. Plan and deliver comprehensive treatment using the principles of rational drug therapy and / or surgical procedures
8. Plan and advise measures for the prevention and rehabilitation of patients belonging to his specialty.
9. Organise and supervise the Health Care services demonstrating adequate managerial skills in the clinic/hospital or in the field situation.
10. Recognize conditions that may be outside the area of the specialty/ competence and refer them to an appropriate specialist.

11. Demonstrate skills in documentation of case details including epidemiological data.
12. Play the assigned role in the implementation of National Health Programs.
13. Demonstrate competence in basic concepts of research methodology and clinical epidemiology; and preventive aspects of various disease states
14. Be a motivated 'teacher' - defined as one keen to share knowledge and skills with a colleague or a junior or any learner
15. Develop skills in using educational methods and techniques as applicable to the teaching of medical/nursing students, general physicians and paramedical health workers.
16. Function as an effective leader of a health team engaged in health care, research or training.
17. Continue to evince keen interest in continuing education irrespective of whether he/she is in a teaching institution or is practicing and use appropriate learning resources
18. Be well versed with his medico-legal responsibilities
19. Undertake audit, use information technology tools and carry out research -both basic and clinical, with the aim of publishing the work and presenting the work at scientific forums.

3. Nomenclature for Post Doctoral Courses

The University of Delhi shall award the Degree according to the nomenclatures given below i.e. from (A) to (B) and the new courses starting from time to time:

(A) D.M (Doctor of Medicine) for which candidates must possess recognized degree of M.D (or its equivalent MCI recognized degree) in the subjects shown against them:

Prior Requirements

- | | |
|------------------------|---|
| 1. Cardiology | MD (Medicine)
MD (Paediatrics)
DNB (Medicine) with thesis
DNB (Pediatrics) with thesis |
| 2. Cardiac Anaesthesia | MD (Medicine)
MD (Pediatrics)
DNB (Medicine) with thesis
DNB (Pediatrics) with thesis |

- | | |
|-----------------------------|--|
| 3. Medical Gastroenterology | MD (Medicine)
MD (Paediatrics)
DNB (Medicine) with thesis
DNB (Paediatrics) with thesis |
| 4. Neurology | MD (Medicine)
MD (Paediatrics)
DNB (Medicine) with thesis
DNB (Paediatrics) with thesis |
| 5. Pulmonary Medicine | MD (Medicine)
MD (Paediatrics)
MD(Pulmonary Medicine)
DNB (Medicine) with thesis
DNB (Paediatrics) with thesis |

(B) M.Ch. (MAGISTER CHIRURGIAE) for which candidates must possess recognized degree of M.S. (or its equivalent MCI recognized degree) in the subjects shown against them:

Prior Requirements:

- | | |
|---------------------------------------|---|
| 1. Cardio Vascular & Thoracic Surgery | MS (Surgery)
DNB (Surgery) with thesis |
| 2. Neuro-Surgery | MS (Surgery)
DNB (Surgery) with thesis |
| 3. Paediatrics Surgery | MS (Surgery)
DNB (Surgery) with thesis |
| 4. Plastic & Reconstructive Surgery | MS (Surgery)
DNB (Surgery) with thesis |
| 5. Surgical Gastroenterology | MS (Surgery)
DNB (Surgery) with thesis |

4. General Conditions to be observed by Institutes

- i) The duration of super specialities the duration shall be of three years including the examination period after obtaining MD/MS/DNB with thesis.
- ii) Post-doctoral curriculum shall be competency based.
- iii) Learning in Post-doctoral programme shall be essentially autonomous and self-directed.
- iv) A combination of both formative and summative assessment is vital for the successful completion of the Post-doctoral programme.

v) A modular approach to the course curriculum is essential for achieving a systematic exposure to the various sub-specialities concerned with a discipline.

vi) The training of Post-doctoral students shall involve learning experiences 'derived from 'or 'targeted to' the needs of the community. It shall therefore, be necessary to expose the students to community based activities.

(vii) The intended outcome of a competency-based program is a consultant specialist who can practice the concerned Super Specialty at a defined level of competency in different practice settings. i.e. ambulatory (outpatient), inpatient, intensive care and emergency services.

No limit can be fixed, and no fixed number of topics can be prescribed as course contents. The student is expected to know his subject in depth; however, emphasis should be on the diseases/health problems most prevalent in that area. Knowledge of recent advances and basic sciences as applicable to his/her specialty should get high priority. Competence in skills (clinical and interventional) commensurate with the specialty (actual hands-on training) must be ensured.

(viii) The infrastructure and human resources required for conducting the training course for Super-Speciality will be as per Medical Council of India/ any other regulatory body as notified by Govt. of India

5. Eligibility for Course

For DM courses

1. Candidates should have passed M.D Degree in General Medicine or in Paediatric Medicine from any University recognised as equivalent thereto by the Medical Council of India.

2. Candidates should have passed DNB in General Medicine or DNB in Paediatric Medicine with Thesis.

3. Candidates appearing for M.D General Medicine/DNB General Medicine or MD Paediatric Medicine/DNB Paediatric Medicine examination and expecting results before admission may also submit their application subject to the condition that they pass their qualifying examination before admission.

For M.Ch. Courses

1. Candidates should have passed M.S Degree in General surgery or in from any University recognised as equivalent thereto by the Medical Council of India.

2. Candidates should have passed DNB in General Surgery with Thesis.

3. Candidates appearing for M.S General Surgery /DNB General Surgery or expecting results before admission may also submit their application subject to the condition that they pass their qualifying examination before admission.

6. Admission

Admission to the course will be based on marks /merit of NEET – Super-Speciality conducted by the National Board of Examination/National Testing Agency (Government of India).

7. Components of Course

a. **Theory:** The study will cover the entire scope of Super-Speciality. This would include:

- i. Basic sciences related to super speciality.
- ii. Clinical aspects of Super-speciality
- iii. Diagnostic and interventional aspects of Super-speciality
- iv. Recent advances

b. Clinical

All the candidates joining the super specialty training programme shall work as full time residents during the period of training , attending not less than 80% (Eighty percent) of the training during the calendar year, and given full time responsibility, assignments and participation in all facets of the educational process.

Students shall maintain a record (log book) of the work carried out by them and the training programme undergone including details of the Non-Invasive, Invasive Diagnostic and Interventional Work assisted or done independently.

The residents will be posted in the wards, Out – patient department and emergency departments. The candidate would first familiarize himself/herself with the general working

of the hospital, the Wards, admission norms, sending of investigations, geography of the hospital, location of the various services, consent forms, blood availability, discharge protocol, medical records section etc. In addition, the candidate would examine all the cases in the wards and give consultation to all other departments of the hospital with the help of the consultant. If there are undergraduate MBBS or Post Graduate MD students from Medicine, Paediatrics or other specialties posted then he would impart relevant clinical examination and diagnostic skills to them. The candidate would also be working in the OPD and assessing the suitability of the patients for admission, making an OPD diagnosis, planning the relevant investigations etc. In addition, the candidate would manage the special clinics of the Department under supervision of faculty.

c. Thesis

(i) Every post-doctoral student shall carry out work on an assigned research project under the guidance of a recognised Post Graduate Teacher, the result of which shall be written up and submitted in the form of a Thesis. Work for writing the Thesis is aimed at contributing to the development of a spirit of enquiry, besides exposing the Post-Doctoral student to the techniques of research, critical analysis, acquaintance with the latest advances in medical science and the manner of identifying and consulting available literature.

(ii) Supervisor/Co-Supervisor for thesis:

(a) Qualification and experience:

“Qualification & Experience for PG teacher for recognition of supervisor/Co-supervisor for DM/M.Ch Course, a teacher must have eight years teaching experience after post graduation, out of which five years must be as a Faculty member in a MCI recognized medical College/Institution.

Experience as Senior Resident (Super Speciality) registered for M.Ch./DM in the concerned subject will be considered as teaching experience in that subject.

In addition the Faculty member must have five publications in indexed journals. Two of which must be original research articles, as first author or corresponding author”

(b) The Head of the Department in institution shall appoint recognized Postdoctoral teachers as supervisor/ co-supervisor for thesis in such a manner that each recognized P.D teacher gets equal opportunity to supervise thesis, under intimation to the Head of Institution along with a statement showing allocation of students to recognized Postdoctoral teachers in the department for the preceding five years. The Head of Institution, on the violation of guideline, may reallocate the supervisor/ co-supervisor at his discretion. (PD)

(c) Other recognized Postdoctoral teachers from the department may be appointed as co-supervisor especially where the number of recognized Postdoctoral teachers is more than the yearly uptake of Postdoctoral student. However, the number of co-supervisors, including those from parent department, should not exceed three for any Postdoctoral Student. Before incorporating a Postdoctoral teacher from department other than parent department as Co-Supervisor, the consent of the HOD of the Postdoctoral teacher should be obtained.

(d) The number of students to be admitted in case of Postdoctoral degree (Super Speciality) Courses:

The ratio of Postdoctoral teacher to the number of students to be admitted for super specialties course shall be 1:2 for Professor/Assoc. Professor and 1:1 for remaining cadre in each unit per year subject to a maximum of 4 Postdoctoral seats for the course per unit of 20 beds per academic year and to a maximum of 5 Postdoctoral seats for the course per unit per academic year provided the complement of 10 teaching beds per seat is added to the prescribed bed strength of 20 for the unit.

In Departments where units are not prescribed, the number of Postdoctoral students that can be admitted in a Department shall depend upon the number of Faculty available in the said Department. There is no upper limit prescribed, however number of seats shall be determined on the basis of available clinical material/workload/facilities.

(iii) Thesis – protocol:

While selecting a topic for research and designing the research project, among other things, the following aspect should be taken care of:

- i The feasibility of conducting the study within available resources and time frame.
- ii In case of interventional studies involving animal or human subjects, the projects and concerned departments should fulfill the ethical and other requirements necessary for human/ animal experiments, and necessary approval should be obtained as required under rules and regulations in force.
- iii The project design should satisfy the statistical requirements in respect of sample size, and proposed analysis of data.

- iv It must be ensured that the same thesis topics are not repeated year after year. The thesis-protocol must accompany a disclosure/ explanation if a similar study has been undertaken already under University of Delhi during last five years.
- v Thesis-protocol should be submitted in the following format:

Title Page	Page 1
Certificate from Institution	Page 2
Introduction/ background including lacunae in existing knowledge	Page 3
Brief review of literature	Page 4-6
Objectives of research project	Page 7
Patients/ Subjects/ Materials and Methods including plan of statistical evaluation	Page 8-10
Index of references (Vancouver system of references)	Page 11-12
Appendix, if any (consent form, data sheet etc.)	

The thesis protocol must be presented and discussed in the meeting of the college department before it is finalized. Each protocol should be considered and approved by the Postdoctoral Cell of the Institute before the protocol is submitted to Faculty of Medical Sciences. Postdoctoral Cell should, among other things, ensure that the design of protocol fulfils the statistical requirements. The need for consideration of the protocol by Institutional Ethics Committee must be considered. Postdoctoral Cell must obtain clearance from the Institutional Ethics committee before giving approval in cases in which such clearance is needed.

One month before the last date of submission of thesis to Faculty, each institute should send a list of the thesis being processed by Postdoctoral Cell in the following format: SN, Institution, Department, Candidate, Supervisor, and Title; to facilitate appointment of examiners. An electronic copy of the list on a floppy/compact disc should be sent along with a printed copy.

The Head of the Institution, while forwarding the protocols to Faculty of Medical Sciences, should certify that the thesis protocol fulfils all the requirements stipulated by Faculty of Medical Sciences, University of Delhi, and should identify the protocols which have been considered and approved by Institutional Ethics committee.

The protocols would be referred to the respective Head of the University Department for observations. In case the observations of the HOD are not received within stipulated time, approval of the HOD would be assumed. The protocols, marked by HOD, would be referred back to supervisor with approval of Chairman, Board of Research Study (BRS), through Head of the Institution, for suggested clarifications/ modifications within specified time frame. The thesis-protocols, revised thesis-protocols, comments of HOD(s), and related matters would be submitted to BRS for consideration and approval.

Any request by candidate for revision in the thesis-protocol approved by BRS should have recommendations of the institution and should be received in office of Faculty of Medical Sciences within 2 months of BRS meeting in which protocol was approved. The Chairman BRS, in consultation with concerned HOD, would take a decision in the matter. In case of dispute, the Chairmen may place the matter before an emergent meeting of BRS.

(iv) Thesis format:

Three hard copies and one electronic/softcopy of the thesis should be submitted in the following general format **Title Page:** title page should mention the topic of the thesis, Degree (with discipline) for which the thesis is being submitted, name and educational qualifications of the candidate, supervisor and co-supervisor(s), name of the institution where the thesis has been undertaken, and duration of the course.

Declaration by candidate: The candidate must submit a declaration that the contents of the thesis have not been submitted earlier in candidature for any degree. The candidate should also give a written consent for permitting availability of the thesis for photocopying and inter-library loan to other institutions.

Certificate from Institution: The thesis should be accompanied by a certificate issued by the supervisor, and co-supervisor, head of the department, and countersigned by the Head of the institution certifying that the candidate has undertaken the thesis work in the department under the direct guidance of the supervisors and that the thesis fulfils all the requirements stipulated by Faculty of Medical Sciences, University of Delhi.

Acknowledgements

Presentation of thesis results to scientific forums and publications in scientific Journals, if any

Table of contents

Glossary of abbreviations

Text of thesis:

Introduction/background
Review of literature
Objectives of research
Patients/Subjects/Materials and Methods
Results
Discussion
Conclusions and recommendations

Index of references: Vancouver system of references

Appendix

Summary of the thesis: Each copy of thesis should be accompanied by a summary of the thesis ordinarily not exceeding six pages.

The thesis should not exceed one hundred pages. The text of thesis should be printed in 12 point font size letters, on both side of A4 size paper in double space, with at least 2.5cm margin and justification on both sides. The spine of the thesis should show the short title of the thesis, the degree (with subject) for which the thesis is being submitted, and the duration of the course.

(v)Presentation/ Publication of Thesis results

The students would be encouraged to present the results of their thesis to scientific forums and to publish it in scientific journals.

(vi) Thesis evaluation:

Thesis shall be submitted at least six months before the Theory and Clinical / Practical examination. There shall be two external examiners and one referee to examine each thesis. The supervisors of each thesis would jointly suggest names of 5 persons for inclusion in the panel of examiners/referee for the thesis to the Committee of Courses and Studies (CCS).

The CCS of each department should recommend names of two examiners. one reserve examiner and one referee for thesis of each candidate before the last date of submission of thesis. Not more than three thesis can be referred to a examiner/referee in a particular Academic year.

The examiners would be required to evaluate the thesis with the help of prescribed structured evaluation protocol and grade each thesis in the following terms:

Accepted/ To be resubmitted after modification as suggested/or Rejected.

Both the examiners should accept the thesis before the candidate can appear in the final examination. In case of rejection of the thesis by one of the two examiners, the thesis would be referred to the Referee. Resubmitted thesis would be evaluated by the original set of examiners/referee except in case of their refusal to re-evaluate the thesis, or their non-availability. The referee would substitute the examiner who has rejected the thesis, for evaluation of the resubmitted thesis in cases where one of the two examiners have rejected the thesis on initial evaluation. The thesis would be allowed to be resubmitted only once. A resubmitted thesis, if not accepted by both the examiners/referee would be taken as 'Rejected'. A Post-Doctoral student shall be allowed to appear for the Theory and Practical/Clinical examination only after the acceptance of the Thesis by the examiners.

Alternative to thesis:

It shall be optional for a Department conducting Post Doctoral (DM/ M.Ch.) Courses to include thesis as a part of curriculum. In case the curriculum does not include thesis, it shall be mandatory for a student to **publish two original research papers**, one in a 'Journal indexed in Medline and another in 'Journal published by Indian National Academic Societies', in order to become eligible for appearing in the final theory and clinical/ practical examinations. Letter of Acceptance for publication from Journal/ Reprint/ Photocopy of printed article would be accepted as proof of fulfilling the criteria. The Head of the Department and the Institution shall not recommend a student for appearing in the final examinations unless he/ she has fulfilled this criterion.

The above original research papers must preferably be published under the designated Supervisor/Co-supervisor. However, original research paper written under other faculty in the department may also be accepted.

- (ii) The process for original research publication must follow the procedure –protocol writing, Approval of the Departmental Scientific Committee, approval of Institute Ethical Committee/Institute Animal Ethical Committee
- (iii) The protocols for the two research papers, approved by the Scientific Committee and Institute Ethical Committee/Institute Animal Ethical Committee should be sent by medical Colleges/Institutes to the Faculty of Medical Sciences.

(iv) Thesis/Paper- Time schedule:

The thesis work must be undertaken strictly, according to stipulated time frame as decided by the Board of Research Studies (BRS), to ensure proper scrutiny of the thesis-protocols, ample time to student for research, timely evaluation of thesis and scope for resubmission of thesis-protocol or thesis if required

In case of Departments opting for Original Research Papers, a time schedule for completion of two research projects, analysis of data, writing of papers & then publication should be followed

Dates for submission of Protocol & thesis:

- (a) Protocol submission : 30th November of the first year of the Course**
- (b) Thesis submission : 30th November (at the beginning of 3rd year of the Course)**
- (C) Research Paper Submission: 31st January at the end of 3rd year of the Course (as far as possible)**

7. Evaluation –

1. Formative assessment

Formative assessment should be continual and should assess medical knowledge,

Patient care, procedural & academic skills, interpersonal skills, professionalism, self directed learning and ability to practice in the system. Formative assessment should be carried out periodically by all members of the faculty separately and should include assessment of History Taking skills, Physical Examination Skills, Communication Skills, Clinical judgement, Professionalism, Organisation/Efficiency and Overall clinical care. Any suggestions for improvement and the agreed action should also be mentioned and any corrective action should be followed. This formative assessment should be carried out in the wards, out – patient department, emergency, operation theatres and classrooms.

2. Summative assessment

The summative examination would be carried out as Section 9

8. Internal Assessment

Internal Assessment should be frequent, cover all domains of learning and used to provide feedback to improve learning; it should also cover professionalism and communication skills. The Internal Assessment should be conducted in theory and practical/clinical examination. The student to be assessed periodically.

Quarterly assessment during the DM training should be based on the candidates practice of Knowledge, Clinical Skills, Attitude, Communications Skills & Professionalism

The following can be used for assessment:

1. Critical review of Journals articles
2. Presentations of recent of advances
3. Case presentations
4. Skill based assessments
5. Laboratories based assessments
6. Research Paper presentation and Publications
7. Participation in Department an inter Department activities
8. Participation in CMEs/workshop
9. External and out reach of activities
10. Any other activities considered by Departments.

A record of all the above must be maintained by the candidate in a Log Book

Internal Assessment of the candidate will be used by the Head of the Institute for recommending eligibility of the candidate for appearing in the final University Examination

9. Final Examinations

i Components

The examination shall consist of (1) Theory and (ii) Clinical/Practical and Oral.

Theory.

There shall be four theory papers. one paper out of these shall be on Basic Medical Sciences. and another paper on Recent Advances. The theory examination will be held sufficiently earlier than the clinical and practical examination, so that the answer books can be assessed and evaluated before the start of the Clinical/ Practical and Oral examination.

Clinical/ Practical and Oral

Practical examination will consist of a long case, two or more short cases. It may include other relevant aspects as decided by Board of Examiners

(ii) Marks :

- (a) There will be four papers. The maximum marks in theory papers shall be four hundred (100 marks per paper)
- (b) Practical maximum marks for practical/clinical/viva-voce will be four hundred. The Proportion of marks to be allocated to each components of theory an practical/clinical including oral (viva) will be decided by individual Course Committee of Studies.
- (b) A candidate shall secure a minimum grade equivalent to not less than 50% marks separately in each head of passing i.e. (1) Theory Examinations, and (2) Practical/ Clinical Examinations including oral examinations.

(c) The Board of Examiner shall evaluate the theory paper/practical/clinical/oral (viva) etc. and append their signatures in the theory papers as well the practical/clinical including oral (Viva) marks list.

(d) The award list may be as follows:

Roll No.	Name of Candidate	Marks obtained in theory (maximum marks 400)	Marks obtained Practical Clinical including Oral (viva) (maximum marks) 400	Award of Pass/Fail

iii Examiners:

A. Qualification and Experience: No person shall be appointed as an internal examiner in any subject unless he/she has three years experience as recognized PG teacher in the concerned subject. For external examiners, he/ she should have minimum six years experience as recognized PG teacher in the concerned subject.

B. Appointment of External Examiners

1. For DM/M. Ch examination there shall be at least four examiners in each subject at an examination in each center for practical examination, out of which at least 50% (fifty percent) shall be external examiners. The external examiner who fulfils the condition laid down in clause-A above shall be invited from another recognized University.
2. The thesis shall be examined by two external examiners, who shall not be the examiners for theory and clinical examination.
3. A Post-doctoral supervisor recognized under University of Delhi cannot act as external examiner for any of the DM/ M. Ch examinations of University of Delhi under Faculty of Medical Sciences.
4. The theory examinations shall be held well in advance before the clinical and practical examination.
5. There shall be a Chairman of the Board of paper- setters who shall be an external examiner and shall moderate the question paper.
6. Where there is more than one centre of examination, the senior most internal examiner shall be appointed as Coordinator by the University, who shall supervise

and coordinate the examination on behalf of the University with independent authority. The Committee of Courses and Studies of respective disciplines shall recommend the name of Coordinator. A meeting of the board of examiners will be held at one institute conducting the examination, on yearly rotation basis, on first day of practical examination before commencement of examination.

7. An examiner shall ordinarily be appointed for not more than two consecutive terms.
8. In case two external examiners do not turn up, that particular subject examinations should be postponed.

C. Appointment of Internal Examiners

1. Every teacher must inform to the Chairman, Committee of Course and Studies in writing through his/her concerned Head of the Department/Institutions/that he/she qualifies as examiner by 30th October.
1. No person shall be appointed internal examiner, unless she/he is holding appointment on a full time teaching post of Professor/ Associate Professor/ Reader in a medical college/ teaching Institute.
2. Every year, a panel of teachers eligible for appointment as internal examiners will be prepared by Faculty of Medical Sciences for each subject, separately for each medical college/ teaching institution where the course is being conducted, based on the total continuous services in the category concerned. The internal examiners will be appointed from this panel on yearly rotation basis, providing equal opportunity of examiner ship to each eligible teacher.
3. The internal examiner shall be appointed both from the Professorial and nonProfessorial category subject to the condition of equal opportunity for each teacher. Ordinarily, the team of internal examiners in a particular year should not consist of Professors only or Associate professors/ Readers only.
4. Honorary/emeritus/visiting professors/part-time teacher/Ad-hoc shall not be eligible for appointment as internal examiners.
5. Internal examiners shall be appointed for a period of one year by rotation.
6. The Committee of Course and Studies will recommend the name of examiners and coordinator, at least three months prior to the commencement of examinations.

- 7 In the event of transfer or retirement of an internal examiner, the person concerned may remain as examiner, in case the examination is held within three months of the transfer/retirement of the incumbent concerned. However, no T.A. /D.A. shall be admissible to them.
8. During an academic year, the Internal Examiners in a subject shall not accept External Examiner-ship in a College from which an External Examiner has been appointed for postgraduate/ postdoctoral examination in their department.
9. No teacher appointed as internal examiner should refuse examiners ship. In case of genuine hardship like illness, the application seeking exemption from examiner ship should be submitted through Head of the Institution. The teacher seeking exemption shall be appointed as internal examiner for next year examinations.

(iv) . Conduct of Practical Examination

1. Duration of examinations/ center(s) for practical examination in different subject will be recommended by the individual Committee of Courses and Studies of the subjects concerned.
2. The maximum number of candidates to be examined in clinical/ practical and oral examination on any day shall not exceed five for DM/ M Ch examinations.
3. DM/ M Ch examination must be held for minimum of two days.
4. The Post –doctoral degree practical examinations in various subjects shall be held preferably or at one centre in medical college(s)/ institution(s) provided that the particular course is being conducted in that Institution and student are appearing from that Institution. The Committee pf Courses and Studies of the respective discipline shall allocate the centre(s) for practical/ clinical examination.

10. Vacations / Leave

- 1 No vacation is permitted to any Post-Doctoral (DM/ M.Ch) Course student.
2. The students shall get a total of 30 days leave during the 1st academic year, and 36 days leave during the 2nd and 3rd academic year respectively. The leave includes leave taken on any ground except maternity/ miscarriage/ abortion leave.
- 3 During pregnancy: 180 days Maternity Leave are admissible only to candidates with less than two surviving children subject to the condition that the students will have to complete the required period of training before being allowed to appear in the examination. **Any amendments on the duration & condition of the maternity leave, notified by the Central Govt. will stand applicable.**

4. During miscarriage/ abortion (induced or otherwise): total leave of 45 days are admissible during the entire course. Leave are admissible irrespective of number of surviving children. Application should be supported by a certificate from a Registered Medical Practitioner/ Authorized Medical Attendant subject to the condition that the students will have to complete the required period of training before being allowed to appear in the examination.
- 5 The leave remaining un-availed during a particular academic year would lapse at the end of the academic year, and will not be carried over to next year of the course. However, Leave exceeding the duration of admissible leave for the year may be adjusted against leave due for subsequent years on recommendation of HOD /Head of the Institution provided it does not exceed 10 days in an academic year.
- 6 In case a student takes more leave than the prescribed leave, or remains absent from training without proper permission, he/she shall not be allowed to appear in the university examination until he/she completes the shortage of training, which may have occurred due to extra leave/ unauthorized absence, by undergoing further training beyond the normal duration of the course. The student will not be entitled for any pay for this training period. Extra duties undertaken during the normal duration of the course would not compensate the shortage of training.
- 7 The concerned Head of the institution should issue a notice to the student(s), who remains absent from training without permission of competent authority (HOD/ Head of the Institution) for a period exceeding 7 days. The name of any student, who remains absent from training without proper permission of competent authority (HOD/ Head of the Institution) for a period exceeding 30 days, would be removed, on the advice of concerned Head of the Institution, from the rolls of the Institution and the University, and his/her registration for the course would be cancelled. Such student would not be allowed to join any other PG/ Post Doctoral course during the remaining duration of the course from which the registration has been cancelled.

11 Period of Training

The period of training for obtaining these degrees shall be three completed years including the examination period.

All candidates joining the Postdoctoral training programme shall work as 'full time Residents' during the period of training and shall attend not less than 80% (Eighty percent) of the imparted training during each academic year including assignments, assessed full time responsibilities and participation in all facts of the education process.

The conditions mentioned in clause 10.1 to 10.6 are to be fulfilled by all candidates.

All the above conditions would have to be fulfilled to make the candidates eligible to appear in examinations

12. Span Period:

- (i) Students admitted to the M.Ch. and D.M. courses should pass the examinations within 5 years from the date of registration to the course.

(ii) Salary in lieu of the training period will only be payable for the regular duration.

Explanation: If a student leaves after submission of thesis and wants to continue study during the span period he/ she will not be entitled for salary.

13. Discipline

- 1 The student shall submit himself/herself to the disciplinary jurisdiction of the Vice-Chancellor and the several authorities of the University who may be vested with the authority to exercise discipline under the Act, the Ordinance, and the Rules that have been framed by the University from time to time.
- 2 The Student would undergo the course on full-time basis, no private practice, part-time job, being permissible during the duration of the course.
- 3 University can remove the name of the student from the rolls in case his/her work or conduct is reported to be not satisfactory by the Supervisor/Head of the Department/Head of the Institution. An undertaking to this effect should be obtained from the student at the time of admission.

Note: The eligibility condition and procedure for admission to Super Speciality courses may be revised according to MCI /Ministry of Health and Family welfare, Govt. of India/ Orders of the Hon'ble court.

14 Fee Structure :

(i) Annual Fee

A.	Tuition fee (Annual)	Rs.	23,000.00
	Library fee (Annual)	Rs.	500.00
	Athletic fee (Annual)	Rs.	10.00
	Cultural Council fee (Annual)	Rs.	5.00
	N.S.S. fee (Annual)	Rs.	20.00
	University Development Fund (Annual)	Rs.	600.00
		Rs.	24135.00
B.	Faculty Management Fee (Annual)	Rs.	1,465.00
	Total FEES (ANNUAL)	Rs.	25,600.00

(ii) Thesis Protocol Fee = Rs 250.00

It will go to concerned institution)

(iii) Thesis Fee = Rs. 5000.00
Examination Fee = 5000.00

NOTE: Full first year fee has to be paid at the time of admission, and six monthly during 2nd and 3rd year only.

Important: -

- a) The tuition Fee amounting to Rs. 25,600/- (Twenty Five Thousand Six Hundred only) is required to be paid by Super Specialty students for the 2nd year and 3rd year of the course by 15th August every year. Thereafter, Rs. 1500/- per week fine will be charged as late fees w.e.f. of 16th August of respective year onwards till the time students submit the fees. No claim shall be there on college/Faculty, if a candidate fails to submit the University fees on time.
- b) A bond worth Rs 10.0 laKh with two sureties should be obtained by the admitting institutions for each student for Super-specialty at the time of their admission. In case the student leaves the course in between, he/ she will have to deposit the bond money with the institution concerned. For this purpose the original certificate of the students should be kept in the institution and be returned only after paying the said bond money / or on completion of 2/3 years course as applicable.
Thirty percent of the bond money thus collected will be deposited with the University (Faculty of Medical Sciences) by the institution by 31st March every year and the rest could be utilized by the Institution for development of P.G. teaching and training programmes.
- c) Each student DM/ M.Ch shall deposit Rs 10,000/- as security in the institution at the time of admission which will be returned only on completion of the course.

15. Curriculum of Individual Post-doctoral Courses:

These will be made by individual Committee of Course of Studies of different super-Specialties :

DM Courses:

1. Cardiology
2. Cardiac Anaesthesia
3. Medical Gastroenterology
4. Neurology
5. Neonatology
6. Pulmonary Medicine

M.Ch. Courses:

1. Cardiothoracic thoracic vascular surgery
2. Neurosurgery
3. Surgical
4. Gastroenterology
5. Paediatric Surgery

16. Infrastructure and human resources:

The infrastructure and human resources are required for conducting the training course for Super-Speciality will be as per Medical Council of India/ any other regulatory body as notified by Govt. of India

