

**FACULTY OF MEDICAL SCIENCES
UNIVERSITY OF DELHI**

POSTGRADUATE (DEGREE / DIPLOMA) POST-DOCTORAL COURSES

1. GENERAL CONDITIONS TO BE OBSERVED BY POSTGRADUATE TEACHING INSTITUTIONS:

- i) Postgraduate (PG) Medical Education in broad specialities shall be of three years duration in the case of Degree courses and two years in the case of Diploma courses after MBBS, and in the case of super specialities the duration shall be of three years after MD/MS/ **(DNB in case they have done thesis work)**.
- ii) Postgraduate curriculum shall be competency based.
- iii) Learning in Postgraduate 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 Postgraduate 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 Postgraduate 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.

2. GOALS AND GENERAL OBJECTIVES OF POSTGRADUATE MEDICAL EDUCATION PROGRAMME TO BE OBSERVED BY POSTGRADUATE TEACHING INSTITUTIONS.

2.1 GOAL

The goal of Postgraduate Medical Education shall be to produce competent specialists and/or medical teachers;

- i) who shall recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the national health policy.
- ii) who shall have mastered most of the competencies, pertaining to the speciality, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system;
- iii) who shall be aware of the contemporary advances and developments in the discipline concerned;
- iv) who shall have acquired a spirit of scientific inquiry and are oriented to the principles of research methodology and epidemiology; and
- v) **who shall have acquired the basic skills in teaching of the medical nursing and paramedical students.**

2.2 GENERAL OBJECTIVES OF POSTGRADUATE TRAINING.

At the end of the Postgraduate training in the discipline concerned, the student shall be able to:

- i) recognize the importance of the concerned speciality in the context of the health needs of the community and the national priorities in the health sector;
- ii) practice the speciality concerned ethically and in step with the principles of primary health care;
- iii) demonstrate sufficient understanding of the basic sciences relevant to the concerned speciality;
- iv) identify social, economic, environmental, biological, and emotional determination of health in a given case, and take them into account while planning therapeutic, rehabilitative, preventive, and promotive measures/ strategies;
- v) diagnose and manage majority of the conditions in the speciality concerned on the basis of clinical assessment, and appropriately selected and conducted investigations;
- vi) plan and advise measures for the prevention and rehabilitation of patients suffering from disease and disability related to the speciality;
- vii) demonstrate skills in documentation of individual case details as well as ‘morbidity and mortality’ data relevant to the assigned situation;
- viii) demonstrate empathy and humane approach towards patients and their families and exhibit interpersonal behaviour in accordance with the societal norms and expectations;
- ix) play the assigned role in the implementation of national health programmes, effectively and responsibly;
- x) organize and supervise the chosen/ assigned health care services demonstrating adequate managerial skills in the clinic/ hospital, or the field situation;
- xi) develop skills as a self-directed learner, recognize continuing educational needs; select and use appropriate learning resources;
- xii) demonstrate competence in basic concepts of research methodology and epidemiology, and be able to critically analyze relevant published research literature;
- xiii) develop skills in using educational methods and techniques as applicable to the teaching of medical, nursing, paramedical students. General physicians, other categories of health workers; and function as an effective leader of a health team engaged in health care, research, or training.**

3. STATEMENT OF THE COMPETENCIES:

Keeping in view the general objectives of Postgraduate training, each discipline, through its Committee of Courses and Studies, shall aim at development of specific competencies which shall be defined and spelt out in clear terms. Each Department shall produce a

statement and bring it to the notice of the trainees in the beginning of the programme so that he or she can direct the efforts towards the attainment of these competencies. **The teaching programme should be framed in a graded manner from basics to advanced level in each discipline. Similarly, the acquisition of skill should also be planned so that the students learn in a phased/incremental manner.**

3.1 The syllabus and core curriculum of individual subjects should be prepared by the Committee of Courses and Studies (CCS), broadly based on the guidelines of the Medical Council of India/Dental Council of India.

3.2 The approved syllabus and curriculum should be displayed at the website of the Faculty so that the students are aware of the objectives of training and acquire the requisite skills at the end of the training period.

4. COMPONENTS OF THE POSTGRADUATE CURRICULUM:

The major components of the Postgraduate curriculum shall be:

- Theoretical knowledge
- Practical and clinical skills
- **Writing Thesis (for Degree courses) and research articles**
- Attitudes including communication skills
- **Training in research methodology, Medical ethics & Medicolegal aspects.**

5. STARTING OF POSTGRADUATE MEDICAL COURSES AND THEIR RECOGNITION.

(1) An institution intending to start a Postgraduate Medical Education Course or to increase the admission capacity shall obtain permission of the University (FMSc)/ Board of Governors and Central Government under **the provisions of the Rules / Regulations of the statutory Bodies** as amended from time to time.

(2) The institution shall apply for recognition of the Postgraduate Medical qualification to the Central Government and (MCI) through the University of Delhi, **when the first admitted batch shall be due to appear for the examination to be conducted by the Delhi University.**

(3) **Failure to seek timely recognition may invariably result in stoppage of admission to the concerned Post Graduate course(s) by Delhi University.**

(4) **The recognition granted to a Post Graduate course shall be for a maximum period of 5 years, upon which it shall have to be renewed as per guidelines of MCI as notified /amended from time to time.**

(5) **Failure to seek timely 'renewal' of recognition may result in stoppage of admission to the concerned Post Graduate courses by Delhi University. The procedure for 'Renewal' of recognition shall be same as applicable for the award of recognition.**

(6) **The existing/new medical colleges should mandatorily have the department of Blood Bank with component of blood separation unit and Transfusion Medicine.**

6. GENERAL

(1) The institutions recognized by the Medical Council of India for running Postgraduate Courses prior to the commencement of the India Medical Council (Amendment) Act, 1993 and those Medical Colleges recognized for running Bachelor of Medicine and Bachelor of Surgery (MBBS) Course or institutions established by the Central Government for the purpose of imparting Postgraduate Medical Education shall be eligible for starting any Postgraduate Degree or Diploma and higher speciality Course. **The Institutions recognized by the Dental Council of India for running Post-graduate courses prior to the commencement of the Dentists (Amendment) Act, 1993 and those dental colleges recognized for running Bachelor of Dental Surgery (BDS) course or institutions established by the Central Government for the purpose of imparting postgraduate dental education shall be eligible for starting any postgraduate degree or diploma and higher speciality course after a periodic inspection to ascertain the BDS requirement by DCI in all aspects.**

Note: DCI regulations be followed as notified / amended from time to time for BDS / MDS courses.

(2) The maximum number of students for a Postgraduate Medical Course, who can be registered in any recognized Department for training for the award of Postgraduate Degree or diploma by the University of Delhi, shall be determined by the facilities available in the department in terms of infrastructure, teaching staff and clinical teaching material

(3) **Every student, selected for admission to a Postgraduate Medical Course in any of the Medical Institutions on acquiring MBBS Degree or an equivalent qualification thereto shall have obtained permanent registration with the Medical Council of India, or any of the State Medical Council(s) and DMC or shall obtain the same within a period of one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.**

A candidate for admission to the MDS course (Master of Dental Surgery) must have a recognized degree of BDS(Bachelor of Dental Surgery) awarded by an Indian University in respect of recognized Dental College under Section 10(2) of the Dentists Act, 1948 or an equivalent qualification recognized by the Dental Council of India and should have obtained permanent registration with the State Dental Council.

Provided that in the case of a foreign national, the Medical Council of India /**Dental Council of India** may, on payment of the prescribed fee for registration, grant temporary registration for the duration of the Postgraduate training restricted to the Medical College/ Institution to which he/ she is admitted for the time being exclusively for Postgraduate studies.

Provided further that temporary registration to such foreign national shall be subject to the condition that such person is duly registered as medical / Dental practitioner **with appropriate registering authority in his own country wherefrom he has obtained his Basic Medical qualification, and is duly recognized by the corresponding Medical /Dental Council or concerned authority.**

(4) The students undergoing Postgraduate Courses shall be exposed to the following:-

- a) Basics of statistics to understand and critically evaluate published research papers for a minimum of 2 working days.
- b) Exposure to human behaviour studies.
- c) **Bio Medical waste management.**

Note: This will be done by organizing combined classes by individual institutions with in first six months of admissions.

7. SELECTION OF POSTGRADUATE STUDENTS

Students for Postgraduate medical courses shall be selected through the Entrance Examination conducted by the University of Delhi strictly on the basis of merit. The minimum percentage of marks for eligibility for admission to Postgraduate Medical Courses shall be 50% for candidates belonging to General Category, **45% for those with locomotory disability of lower limbs as provided in clause 7.1** and **40% for the candidates belonging to SC/ST and OBC Categories.**

7.1 3% seats of the annual sanctioned intake capacity shall be filled up by candidates with locomotory disability of lower limbs between 50% to 70%.

Provided that in case any seat in this 3% quota remains unfilled on account of non availability of candidates with locomotory disability of lower limbs between 50% to 70% then any such unfilled seat in this 3% quota shall be filled up by persons with locomotory disability of lower limbs between 40% to 50% before they are included in the annual sanctioned seats for unreserved category candidates.

Provided further that this entire exercise shall be completed by Faculty of Medical Sciences, University of Delhi as per the statutory time schedule for admissions and in no case any admission will be made in the Postgraduate Medical course after 31st of May.

8. NOMENCLATURE FOR POSTGRADUATE/ POST DOCTORAL COURSES

The University of Delhi shall award the Degree/ Diploma according to the nomenclatures given below i.e. from 8(A) to 8(E) and the new courses starting from time to time:

8. (A) M.D. (DOCTOR OF MEDICINE) for which candidates must possess recognized degree of MBBS (or its equivalent medical degree recognized by MCI):

1. Anesthesiology
2. Anatomy
3. Biochemistry
4. Community Medicine
5. Dermatology, Venerology & Leprosy
6. Forensic Medicine
7. General Medicine
8. Health Administration
9. Microbiology
10. Paediatrics
11. Pathology
12. Pharmacology
13. Physiology
14. Psychiatry

15. Pulmonary Medicine
16. Radio-diagnosis
17. Radio-therapy

8. (B) M.S. (MASTER OF SURGERY) for which candidates must possess recognized degree of MBBS (or its equivalent MCI recognized degree):

1. General Surgery
2. Obstetrics & Gynaecology
3. Ophthalmology
4. Orthopedics
5. Otorhinolaryngology

8. (C) DIPLOMAS for which candidates must possess recognized degree of MBBS (or its equivalent MCI recognized degree):

1. Allergy & Clinical Immunology (DACI)
2. Anesthesiology (D.A)
3. Dermatology, Venerology & Leprosy (D.V.D)
4. Health Administration (D.H.A)
5. Health Education (D.H.E)
6. Obstetrics & Gynaecology (D.G.O)
7. Ophthalmology (D.O)
8. Otorhinolaryngology (D.L.O)
9. Paediatrics (D.C.H)
10. Radio-diagnosis (D.M.R.D)
11. Radio-therapy (D.M.R.T.)
12. Radiation Medicine (D.R.M)
13. Tuberculosis & Chest Diseases (D.T.C.D)

8. (D) 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)
2.	Medical Gastroenterology	MD (Medicine) MD (Paediatrics)
3.	Neurology	MD (Medicine) MD (Paediatrics)
4.	Pulmonary Medicine	MD (Medicine) MD (Paediatrics) MD (Pulmonary Medicine)

8. (E) 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) |
| 2. Neuro-Surgery | MS (Surgery) |
| 3. Paediatrics Surgery | MS (Surgery) |
| 4. Plastic & Reconstructive Surgery | MS (Surgery) |
| 5. Surgical Gastroenterology | MS (Surgery) |

8. (F) MDS (MASTER OF DENTAL SURGERY) for which candidates must possess recognized degree of BDS (or its equivalent DCI recognized degree):

1. **Prosthodontics and Crown & Bridge**
2. **Periodontology**
3. **Conservative & Endodontics**
4. **Orthodontics & Dentofacial Orthopaedics**
5. **Oral & Maxillofacial Surgery**
6. **Paedodontics and Preventive Dentistry**

9. VACATIONS / LEAVE

- 9.1 No vacation is permitted to any Postgraduate (PG) Degree (MD/MS), Diploma, or Post-Doctoral (DM / M.Ch) Course student.
- 9.2 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.
- 9.3 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.**
- 9.4 During miscarriage/ abortion (induced or otherwise): total leave of 45 days are admissible during the entire course. However, any such leave taken prior to 16/06/1994 will not be taken into account for this limitation. 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.
- 9.5 **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.**

- 9.6 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.
- 9.7 The conditions mentioned in clause 9.1 to 9.5 are to be fulfilled by all candidates independent of requirements under clause 14.2 **to be eligible for appearing in the examination for the post graduate Degree/Diploma and Super speciality courses.**
- 9.8 The concerned Head of the institution should issue a notice to the student(s), who remains absent from training with out 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 with out 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.

Definition of Teaching Institute.

The teaching institute would be those which are maintained or admitted to its privileges by the University including affiliated institutes.

10. PERIOD OF TRAINING

The period of training for the award of various Postgraduate degree or diplomas shall be as follows:

10.1 DOCTOR OF MEDICINE (M.D)/ MASTER OF SURGERY (M.S) AND MASTER OF DENTAL SURGERY (MDS)

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

Provided that in the case of students **possessing** a recognized two years Postgraduate Diploma course in the same subject. The period of training including the period of examination shall be two years.

Note: A student having Diploma, seeking admission in MD/MS course in any other subject will undergo three years course.

10.2 DOCTOR OF MEDICINE (D.M)/ MAGISTER CHIRURGIAE (M.Ch)

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

Provided that where an institution on the date of commencement of these Regulations, is imparting five year training in Neurology and Neuro-Surgery, such institution shall continue to have five year training course.

10.3 DIPLOMAS

The period of training for obtaining a Postgraduate diploma shall be two completed years including the examination period.

11. MIGRATION/ TRANSFER OF POSTGRADUATE STUDENTS FROM ONE MEDICAL COLLEGE OR INSTITUTION TO ANOTHER.

11.1 Under no circumstances, Migration/ transfer of students undergoing any Postgraduate (degree/ diploma), Post-Doctoral course from one institution to another institution even within the University of Delhi, or to any other University in India or abroad for any P.G. course (MD/ MS, MDS, Diploma and Superspeciality) will be permitted by the University of Delhi / **any other authority.**

12. DEPARTMENTAL TRAINING FACILITIES.

A Department, having an independent academic **identity in a teaching institution, comprising of one or more units, having the minimum strength of faculty, staff, teaching beds etc as prescribed / notified by statutory Bodies from time to time shall be recognized for Postgraduate training.**

12.1 STAFF-FACULTY

(a) A clinical Department or its unit training candidates for broad or Super-specialities, shall have a minimum of three full time Faculty members belonging to the concerned discipline of whom one shall be a Professor, one Associate Professor/ Reader and, one Assistant Professor/ Lecturer, possessing the **requisite** qualifications and experience as prescribed by the Medical Council of India.

Provided that the second or subsequent additional unit may be headed by an Associate Professor **along with two Assistant Professors / Lecturers.**

Of these Faculty members only those who possess a total of eight years teaching experience out of which at least five years teaching experience as Assistant Professor/ Lecturer gained after obtaining Postgraduate degree, shall be recognized as Postgraduate Teachers/ Supervisors. **For MDS courses the qualification prescribed for a post graduate teacher by the Dental council of India will be applicable.**

In each Department training candidates for Superspeciality, there shall be a minimum of three Faculty members with requisite Postgraduate qualification and experience: one Professor, one Associate Professor/ Reader and one Assistant Professor/ Lecturer with at least two of them holding the degrees of D.M./M.Ch. in the concerned discipline. **Provided that the second or subsequent additional unit may be headed by an Associate Professor along with two Assistant Professors / Lecturers.** Of these Faculty members only those who possess eight years teaching experience out of which at least five year teaching experience as Assistant Professor/ lecturer **or above** gained after obtaining the higher speciality degree shall be recognized as Postgraduate teachers:

Provided that in the case of Superspeciality courses which are being newly instituted relaxation of qualification and experience **for recognition as** Postgraduate teachers may be granted by the Medical Council of India for sufficient cause.

12.2 MINIMUM REQUIREMENT FOR A POSTGRADUATE INSTITUTION:

(a) An Institution conducting both Undergraduate and Postgraduate teaching shall satisfy the minimum requirements for Undergraduate training as prescribed by Medical /Dental Council of India and shall also fulfill additional requirements for Postgraduate

training depending on the type of work being carried out in the Department. The extra staff required to be provided in various Department shall be as given in **Appendix-I**.

(b) A Department imparting only Postgraduate training shall:

- i) Provide facilities consistent with the all round training including training in Basic Medical Sciences and other Department related to the subject of training as recommended by the Medical Council of India.
- ii) Have as many autopsies, biopsies as possible for teaching purposes; and
- iii) Make available facilities of ancillary Department for coordination of training.

12.3 BED STRENGTH IN CLINICAL DEPARTMENT

A Department to be recognized for training of Postgraduate students, shall have not less than 60 (sixty) beds each for General Medicine, General Surgery, Obstetrics and Gynaecology, 30 (thirty) beds each for others in the case of MD/ MS and diploma, and 20 (twenty) beds each in the case of D.M./M.Ch.

Explanation: A unit shall consist of **not less than 30 (thirty) and more than 40 beds** for MD/ MS and Diploma courses and **not less than 20 (twenty) and more than 30 beds** for D.M. / M.Ch. respectively.

For MDS a unit will consist of one Professor, two Readers, and One Lecturer. Each unit can enroll a maximum of three students in a year.

Note : The DCI guidelines notified from time to time may be followed.

12.4 OUT PATIENT DEPARTMENTS

There shall be adequate space and sufficient number of examination cubicles available in the Out-Patient-Department. Besides the General outpatient services, speciality clinics shall also be available for the training of Postgraduate students in the relevant broad and Superspeciality.

To determine the number of students who may be admitted for training, outpatient attendance, work turnover, and ambulatory care, also have to be taken into consideration.

12.5 LABORATORY FACILITIES

The Institutions shall have adequate Laboratory facilities for the training of the Postgraduate students and such Laboratories shall provide all the investigations facilities required and shall be regularly updated, keeping in view the advancement of knowledge and technology, and research requirements, and for training of students in Non-Clinical Department proper and contemporary Laboratory facilities shall be made available.

12.6 EQUIPMENT

The Department shall have adequate number of all equipment including the latest ones necessary for training and as may be prescribed by the Council for each specialty from time to time.

13. NUMBER OF POSTGRADUATE STUDENTS TO BE ADMITTED

- (1) The ratio of recognized Postgraduate teacher to number of students to be admitted for the degree course where diploma is not prescribed shall be 1:2 for a professor and 1:1 for other eligible cadres (Reader/Associate Professor and Lecturer / Assistant Professor) in each unit per year subject to a maximum of 4 PG seats for the degree per unit per academic year provided a complement of 10 teaching beds is added to the prescribed bed strength of 30 for the unit for broad specialities. The additional complement of 10 beds in the unit is to be made applicable only when 4 post graduates seats are allocated to a unit due to a higher teachers students ratio of 1:2 in the case of Professor. However if a total of 3 Postgraduate students are allocated to a unit a bed strength of 30 would be considered adequate.
- (2) In a Specialty where degree and diploma courses are available the student teacher ratio shall remain the same as in 13 (1) subject to a maximum of 3 PG seats including diploma per unit per academic year. The additional complement of 10 beds in the unit is to be made applicable only when 4 post graduates seats are allocated to a unit due to a higher teachers students ratio of 1:2 in the case of Professor/Associate Professor. However if a total of 3 Postgraduate students are allocated to a unit a bed strength of 30 would be considered adequate.
- (3) The Number of post graduate student for MDS would be to a maximum of three per unit per year. At a time, maximum of nine Post graduate students in one specialty can be enrolled in all three years provided the infrastructure and faculty requirements are met with. For each seat of PG Diploma course an additional Reader is required. However, to start with a maximum of 3 PG students may be permitted in MDS as per Dental Council of India.
- (4) In case the Institution is having only Postgraduate diploma courses in any subject then it shall have a unit of 30 beds with 3 full time teachers. The ratio of number of students and recognized Postgraduate teacher shall be 1:1 and in no circumstances more than three students can be admitted in a unit per year.
- (5) The requirement of units and beds shall not apply in the case of Postgraduate degree or diploma courses in basic and para clinical Department. The ratio of recognized Postgraduate teachers to students shall, however, be maintained 1:1 both at degree as well as diploma level.
- (6) The number of students to be admitted in case of Super specialty courses shall be 1:2 for Professor/Assoc. Professor and 1:1 for eligible remaining cadre in each unit per year subject to a maximum of 4 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.

Provided that no Postgraduate seat, left unfilled in an academic year, shall be carried forward to the next or subsequent academic years, an academic year being from 2nd May to 1st may of any calendar year.

- (7) Provided that against the very same units, teaching personnel and infrastructure, no other postgraduate courses under any other streams like National Board of Examinations, College of Physicians & Surgeons etc. are permitted. A certificate to this effect shall be submitted by the Head of the Institution every year.

14. TRAINING PROGRAMME

14.1 The training given with due care to the Postgraduate students in the recognized institutions for the award of various Postgraduate medical degrees/ diplomas shall determine the expertise of the specialists and/ or medical teachers produced as a result of the educational programme during the period of stay in the institution.

14.2 All candidates joining the Postgraduate 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. Eligibility for examination will be as per rule laid down in Clause 9.7.**

14.3 a) The Courses Committee in such subject shall work out the details of training programme including syllabus/ curriculum.

b) Each Institution, having Postgraduate training programme, shall set up an Academic Cell under the Principal/ Dean/ Director or a Senior Professor to monitor the Postgraduate teaching and training according to the Ordinance of University of Delhi.

c) The training programme shall be updated as and when required. The structured training programme shall be written up and strictly followed to enable the examiners to determine the training undergone by the candidates and the Medical Council of India Inspectors to assess the same at the time of inspection.

d) Postgraduate students shall maintain a record (log) book of the work carried out by them and the training programme undergone during the period of training including details of surgical operations assisted or done independently by M.S. / M.Ch. candidates.

e) The record (**Log**) books shall be checked and assessed **periodically** by the Faculty members imparting the training. **Annual report through the Head of the Institution shall be submitted to the Faculty of Medical Sciences.**

14.4 During the training for degrees/ **Superspeciality** /diplomas to be awarded in clinical disciplines, there shall be proper training in basic medical sciences related to the disciplines concerned; during the training for the degrees to be awarded in basic medical sciences, there shall be training in applied aspects of the subjects; and there shall be training in allied subjects related to the disciplines concerned. In all Postgraduate training programmes, both clinical and basic medical sciences, emphasis is to be laid on preventive and social aspects and emergency care Facilities for autopsies, biopsies, cytopsies, endoscopy and imaging etc. also be made available for training purposes.

14.5 The Postgraduate students shall be required to participate in the teaching and training programmes of Undergraduate students and interns.

14.6 Training in Medical Audit, Management, Health Economics, Health information Systems, basics of statistics, exposure to human behaviour studies, knowledge of pharmacology economics and introduction to non-linear mathematics shall be imparted to the Postgraduate students.

14.7 Implementation of training programmes for the award of various Postgraduate degrees and diplomas shall include the following:

(a) DOCTOR OF MEDICINE (M.D.)/ MASTER OF SURGERY (M.S)

(i) Basic Medical Sciences

The teaching and training of the Students shall be through Lecture, Seminars, Journal Clubs, Group discussion, participation in laboratory and experimental work, and involvement in research studies in the concerned speciality and exposure to the applied aspects of the subject relevant to clinical specialities.

(ii) Clinical Disciplines

The teaching and training of the Students shall include graded responsibility in the management and treatment of patients entrusted to their care; participation in seminars, journal clubs, group discussion, clinical meetings, **Grand** rounds, and Clinico-Pathological Conferences: practical training in diagnosis and medical and surgical treatment, **training** in the Basic Medical Sciences, as well as in allied clinical specialities.

(b) Master of Dental Surgery (MDS)

The Teaching and practical training for students shall be through few didactic lectures, journal club, seminars, symposium and regular posting in clinics to acquire adequate skills and competency in managing various cases. All Post graduates will acquire teaching skills by participating in undergraduate teaching programmes. Participation in conferences/ advanced courses, clinico pathological conferences and posting/rotation in allied fields should be included.

(c) DOCTOR OF MEDICINE (D.M.)/ MAGISTER CHIRURGIAE (M.Ch.)

The training programme shall be on the same pattern as for M.D./ M.S. in clinical disciplines, practical training including advanced Diagnostic. Therapeutic and Laboratory techniques, relevant to the subject of specialization. **Postgraduate Degree/Diploma/Superspeciality Residents in Surgical Specialties shall participate in surgical operation as well.**

(d) DIPLOMAS

The Teaching and Training of students shall include graded clinical responsibility; lectures, seminars, journal clubs, group discussions and participation in Clinical and Clinico-pathological conferences, practical training to manage independently common problems in the speciality and training in the Basic Medical Sciences.

15. EXAMINATIONS:

15.1 The examinations shall be organized on the basis of **marking** system to evaluate and certify candidate's level of knowledge, skill, and competence at the end of the training. The examination for M.S., M.D., **MDS, D.M.** M.Ch. shall be held at the end of 3 academic years (six academic terms) and for diploma at the end of 2 academic years (four academic terms). An academic term shall mean six months training period.

15.2 Each component of the examinations shall be evaluated by the marking system and the result will be recorded and communicated in terms of 'pass or fail'. A student, in order to pass the examinations, must secure a minimum grade equivalent to not less than 50% marks in theory as well as in practical/ clinical separately.

15.3 INTERNAL ASSESSMENT:

1) Student should be assessed on day to day performance as they shall be maintaining the log book, presenting journal clubs, seminars etc.

2) The Internal Assessment should be done by the Faculty members of the concerned Department of the institutions.

3) **Minimum three tests, one at the end of the 1st year, 2nd at the end of the 2nd year and 3rd, three months before appearing in the final examination should be held and this should be exactly on the pattern of the Final examination.**

4) **A Postgraduate student of a postgraduate degree course in broad specialties/super specialties would be required to present one poster presentation, to read one paper at a national/state conference and to present one research paper which should be published/accepted for publication/sent for publication during the period of his postgraduate studies so as to make him eligible to appear at the postgraduate degree examination. A certificate to this effect must be provided by the Head of the Institution at the time of issue of admit card.**

15.4 EXAMINERS:

(As per committee report : Dr. Jain's Committee)

15.5 Number of Examinations

The University shall conduct not more than two examinations in a year for any subject, with an interval of not less than 4 and not more than 6 months i.e. annual examination in 2nd fortnight of April and supplementary examination in 2nd fortnight of September every year.

15.6 DOCTOR OF MEDICINE (M.D.)/ MASTER OF SURGERY (M.S.)

M.D./ M.S. examinations, in any subject shall consist of Thesis, Theory Papers, and Clinical/ Practical and Oral Examinations.

16. THESIS-Applicability and allocation of Supervisors

16.1 Every candidate pursuing Post Graduate Degree Course shall carry out work on an assigned research project, under guidance of recognized postgraduate teacher(s), the results of which shall be written up and submitted in the form of a thesis. On acceptance of the thesis by the examiners, the candidate shall appear for the final examination. There shall be no thesis for Diploma Courses.

16.2 Work for writing the Thesis is aimed at contributing to the development of a spirit of enquiry, besides exposing the candidate to the techniques of research, critical analysis, acquaintance with the latest advances in medical sciences, and the manner of identifying and consulting available literature. Thesis shall be submitted as per the schedule decided by the Board of Research Studies and at least 1 year before the commencement of the final Theory and Clinical/ Practical examinations.

16.3 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 research papers, one in '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.

16.4 The Head of the Department in institution shall appoint recognized P.G. teachers as supervisor/ co-supervisor for thesis in such a manner that each recognized P.G. teacher gets equal opportunity to supervise thesis, under intimation to the Head of Institution along with a statement showing allocation of students to recognized P.G. 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.

16.5 Incorporation of recognized PG teachers as co-supervisor should be **included** in the department where the number of recognized PG teachers is more than the yearly uptake of PG student. However, the number of co-supervisors, including those from parent department, should not exceed three for any PG Student. Before incorporating a PG teacher from department other than parent department as Co-Supervisor, the consent of the HOD of the PG teacher should be obtained.

16.6 In case a co-supervisor is required to be included, due the nature of the research, from a non-teaching department/ institution, the Board of Research Studies may grant necessary permission, on recommendation of the PG Cell, for the person to be associated as co-supervisor in the particular thesis after considering the qualification, experience, and designation of the person.

16.7 In case, the supervisor leaves the institute before submission/ acceptance of a thesis, co-supervisor or any other PG teacher from the parent department may be appointed as supervisor **provided he/she fulfils the criteria**, for getting the thesis completed by Head of Department of the Institution, under intimation to Faculty of Medical Sciences.

16.8 In case a P.G. student leaves the course in between the supervisor concerned should be allotted a student next year on priority basis.

16.9 If a teacher is superannuating within 4 months of the last date of submission of thesis, he cannot be supervisor, however, he can be one of the co-supervisor.

17 THESIS- Time schedule, format etc.

17.1 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.(**Appendix III**).

17.2 Thesis submission Dates :

(i) MD/MS/MDS courses – 30th April (at the end of 2nd year of the course).

(i) Super specility courses (where applicable) – 30th November (at the beginning of 3rd year of the course)

17.3 No extension of time shall ordinarily be granted for submitting the thesis-protocol/ thesis beyond the last date stipulated for the purpose. The BRS may allow submission of the thesis-protocol/ thesis beyond the last date for genuine reasons on recommendations of Head of the institution. **Extension for thesis submission for MD/MS/MDS beyond 30th April may be granted to a maximum of one month with late submission fee of ₹ 1000/- per week. For Super specility courses where applicable, submission of Thesis beyond 30th November may be granted to a maximum of one month with late submission fee of ₹ 1000/- per week.** In case of such late submission, **of thesis beyond one month** the student shall not be allowed to appear in the final examination at the end of normal duration of the course. He/ she may be allowed to appear in supplementary or subsequent

examinations at least six months after submission of the thesis, subject to approval of thesis. No relaxation will be granted in this regard.

17.4 A student may be debarred from appearing in the examination / and his/her registration for postgraduate course may be cancelled on the recommendations of BRS, if he/she fails to submit the thesis-protocol/ thesis to the department within six months of the last date fixed for the purpose and his/her work or conduct is reported to be not satisfactory by the Supervisor/ the Head of the department/ Head of the institution. Such student shall be debarred from joining any other PG/ Post Doctoral course for a period of five years from the date of cancellation of his/her registration.

17.5 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 PG Cell of the Institute before the protocol is submitted to Faculty of Medical Sciences. PG Cell should, among other things, ensure that the design of protocol fulfills the statistical requirements. The need for consideration of the protocol by Institutional Ethics Committee must be considered. PG 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 PG 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 fulfills 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.

17.6 Thesis

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.

17.7 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.

18. EXAMINATION OF THE THESIS

18.1 There shall be two external examiners and one referee to examine each thesis. The supervisors of the each thesis would jointly suggest names of 5 persons for inclusion in the panel of examiners/referee for the theses 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 these. Not more than three theses can be referred to a particular examiner/referee in a particular Academic year.

18.2 The examiners would be required to evaluate the thesis with help of prescribed structured evaluation protocol {**Appendix-II**} 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 is allowed to 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.

18.3 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 has 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'.

19 DOCTOR OF MEDICINE (M.D.) AND MASTER OF SURGERY (M.S.) AND MASTER OF DENTAL SURGERY (MDS)

19.1 THEORY

- (i) There shall be four theory papers (MD/MS).
- (ii) Out of these one shall be of Basic Medical Sciences and one shall be of recent advances.
- (iii) The theory examination shall be held **well in advance before** the clinical and practical examination, so that the answer books can be assessed and evaluated before the **commencement** of the Clinical/ Practical and Oral examination.

For MDS examination there shall be four theory papers, out of which two shall be pertaining to the speciality, one in applied basic sciences and one shall be an essay. Each paper shall be of three hours duration.

19.2 CLINICAL / PRACTICAL/ ORAL

(i) Clinical examination for the subjects in Clinical Sciences shall be conducted to test the knowledge and competence of the candidates for undertaking independent work as a specialist/teacher, for which candidate shall examine a minimum one long case and two short cases.

(ii) Practical examination for the subjects in Basic Medical Sciences shall be conducted to test the knowledge and competence of the candidate for making valid and relevant observations based on the experimental/laboratory studies and his ability to perform such studies as are relevant to his subject.

(iii) The Oral examination shall be thorough and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedures, therapeutic technique and other aspects of the specialty which form a part of the examination.

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.

20. DOCTOR OF MEDICINE (D.M.)/MAGISTER CHIRURGIAE (M.ch.)

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

20.1 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.

20.2 CLINICAL/ PRACTICAL AND ORAL

Practical examination **may** consist of carrying out special investigative techniques for Diagnosis and Therapy. M.ch. candidates shall also be examined in surgical procedures. **Clinical and Viva Voce** examination shall be comprehensive' **enough** to test the candidate's overall knowledge of the subject.

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.

21. POST-GRADUATE DIPLOMA

Diploma examination in any subject shall consist of theory, **Practical** / clinical and oral

21.1 THEORY

There shall be three theory papers. One paper out of these shall be on Basic Medical Sciences. The examination shall be held sufficiently earlier than the clinical examination, so that the answer books can be assessed before the start of the clinical examination.

21.2 PRACTICAL / CLINICAL AND ORAL

Clinical examination for the subjects in clinical sciences shall be conducted to test/ aimed at assessing the knowledge and competence of the candidate for undertaking independent work as a specialist/ teacher for which a candidate shall examine of one long case and two short cases.

The oral examination shall be thorough and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedure, therapeutic technique and other aspects of the specialty which shall form a part of the examination.

The 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.

22. Scheme of Examinations for Post-Graduate and Post-Doctoral courses

22.1 Post-Graduate Degree courses and Post-Doctoral Courses:

- (i) There shall be four theory papers of three hours duration each.
- (ii) Scheme of evaluation in practical examinations shall be determined by individual Committee of Courses and Studies. However, in clinical subjects there should be minimum of one long and two short cases besides other things.

22.2 Post-Graduate Diploma Courses

- (i) There shall be three theory papers of three hours duration each.
- (ii) Scheme of evaluation in practical examinations shall be determined by individual Committee of Courses and Studies. However, in clinical subjects there should be minimum of one long and two short cases besides other things.

23. FEE STRUCTURE

23.1 DIPLOMA

Tuition Fee (ANNUAL)	₹ 13000.00
LIBRARY Fee (ANNUAL)	₹ 500.00
Athletic Fee (Annual)	₹ 10.00
Cultural Council Fee (Annual)	₹ 5.00
N.S.S. Fee (Annual)	₹ 20.00
Faculty Management Fee (Annual)	₹ 1465.00
TOTAL=	₹ 15000.00

23.2 M.D./M.S.

Tuition Fee (ANNUAL)	₹ 13000.00
LIBRARY Fee (ANNUAL)	₹ 500.00

Athletic Fee (Annual)	₹	10.00
Cultural Council Fee (Annual)	₹	5.00
N.S.S. Fee (Annual)	₹	20.00
Faculty Management Fee (Annual)	₹	<u>1465.00</u>
TOTAL=		₹ 15000.00

Note: Candidates admitted in DTCD shall be required to pay transportation charges of ₹ 500/- in advance at the time of joining the V. P. Chest Institute.

23.3 D.M./ M.Ch.

Tuition Fee (ANNUAL)	₹	23000.00
LIBRARY Fee (ANNUAL)	₹	500.00
Athletic Fee (Annual)	₹	10.00
Cultural Council Fee (Annual)	₹	5.00
N.S.S. Fee (Annual)	₹	20.00
Faculty Management Fee (Annual)	₹	<u>1465.00</u>
TOTAL=		₹ 25000.00

THESIS PROTOCOL FEE = ₹ 250.00
(It will go to concerned institution)

THESIS FEE = ₹ 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.

23.4 A bond worth ₹ 5.0 lacs with two sureties should be obtained by the admitting institutions for each student (Diploma, MD/ MS / MDS) and ₹ 6.0 Lacs 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.

23.5 Each student (Diploma, MD/ MS/ DM/ M.Ch.) shall deposit ₹ 10,000/- as security in the institution at the time of admission which will be returned only on completion of the course.

24. REQUIREMENTS FOR ADMISSION TO POST-GRADUATE DEGREE/ DIPLOMA COURSES:

24.1 Candidate must have completed satisfactorily one year of compulsory rotating internship after passing the final MBBS examination from the University of Delhi on or before 31st March of the admission year and must have full registration with the State Medical Council/ Medical Council of India.

24.2 M.D. (COMMUNITY HEALTH ADMINISTRATION):

A candidate seeking admission to degree course for MD (Community Health Administration) shall fulfil the following conditions:

(i) A candidate must have completed satisfactorily one year compulsory rotating internship after passing the final MBBS examination and must have full registration with the State Medical Council/Medical Council of India.

(ii) After fulfilling the requirement as stated above, the candidate must have put in 5 years of service on or before 31st March of the admission year.

a) The candidates who fulfil the above eligibility conditions will be allowed to appear in COMMON WRITTEN SCREENING TEST to be held for Postgraduate degree/ diploma courses on during 2nd week of February.

b) A separate merit list will be drawn from the common merit list of the Postgraduate degree/diploma Written Screening Test exclusively for selection of candidates to MD (Community Health Administration) Course.

24.3 Requirements for Admission to Diploma in Health Education (D.H.E.) Course:

The candidates seeking admission to the above course shall satisfy the following conditions on or before 31-03-2009:

(a) Bachelor's Degree in Medicine and Surgery recognized by Medical Council of India with at least one year's experience of working in General Medicine/ Primary Health Centre/ Department of Preventive and Social Medicine or Community Health or in a Medical College. Preference will be given to those candidates who are in service.

OR

(b) Master's Degree in selected Social Science (i.e. Psychology/ Sociology/ Anthropology/ Social Work/ Economics /Political Science/ Education or Nursing, from recognized University with at least one year's experience in community health welfare programmes or teaching in Social Biological Science/ Physical Education / Home Science. Preference will be given to those candidates who are in service.

OR

(c) Bachelor's Degree in Social Sciences as stated in (b) above or Home Science/ Nursing/ Education or Public Health from a recognized University, with at least three years experience in community health and who are in service.

25. PROCEDURE FOR SCREENING TEST FOR PRE, PARA, AND CLINICAL SUBJECTS:

25.1 The screening test for **50% seats** will be conducted by the AIIMS directly on behalf of the DGHS, Ministry of Health (as per the direction of Hon'ble Supreme Court of India) except for MD (Community Health Administration) and **DHE** course which will be filled up by Delhi University. The entrance test for **remaining 50% seats** will be conducted by the University of Delhi.

25.2 The **Examination wing of the University of Delhi** will hold a written screening test at Delhi for selection of candidates for admission to Postgraduate degree courses in second week of February every year. The candidates will be inform about the place of the screening test.

25.3 The MD/ MS screening test will consist of the following two papers.

Paper I - will consist of 100 questions in pre and paraclinical subjects. It will be of one hours duration and will carry a maximum of 400 marks.

Paper II - will consist of 200 questions in clinical subjects. It will be of two hours duration and will carry a maximum of 800 marks.

The questions in paper I & II will be of objective type with multiple choices (1), (2), (3) & (4) of which only one choice/ response will be the most appropriate/ correct one. Each question will carry 4 marks. For each correct response, the candidate will get 4 marks. There will be no negative marking for wrong answer.

The answer sheet will be placed inside the test book The candidates will do rough work on the test book and NOT on the answer sheet. Candidates will enter only their Roll Nos. and other particulars and the responses to the questions on answer sheet.

The Screening Test shall cover all the subjects covered during the MBBS course, such as:

Paper I - Pre and para-clinical subjects i.e. Pathology, Physiology, Pharmacology Forensic Medicine , Medical Microbiology Medical Biochemistry and Anatomy.

Paper II - Clinical subjects i.e. Medicine, Obstetrics & Gynecology, Pediatrics, Anaesthesia, Dermatology & VD, Radiodiagnosis & Imaging, Radio-therapy. Community Medicine, Tuberculosis & Respiratory Diseases, Psychiatry, Surgery, Orthopedics, Otorhinolaryngology and Ophthalmology.

Admission shall be made for all subjects in order of merit on the basis of the screening test. Minimum marks required in the entrance test for eligibility for admission to Postgraduate Medical Courses shall be **50% for candidates belonging to General Category and 40% for the candidates belonging to the SC/ ST and OBC Categories.**

NOTE: NO TA/DA WILL BE ADMISSIBLE FOR APPEARING IN THE SCREENING TEST

25.4 RESERVATION FOR SC/ ST CANDIDATES:

Seats in Postgraduate (degree/ diploma) courses for candidates belonging to Scheduled Caste and Scheduled Tribe candidates will be reserved @ 15% & 7½ % respectively.

A SC/ ST candidate while applying for admission to any of the courses will attach a certificate along with the application form to the effect that he/she belongs to SC/ ST from any one of the competent authorities as listed below without which concession of SC/ ST shall not be given:

- I. District Magistrate/ Addl. District Magistrate/ Deputy Commissioner/ Collector/ Addl. Deputy Commissioner/ Deputy Collector/ First Class Stipendiary Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
- II. Chief Presidency Magistrate/ Addl. Chief Presidency Magistrate/ Presidency Magistrate.
- III. Revenue Officer not below the rank of Tehsildar.
- IV. Sub-Divisional Officer of the area where the candidate and/ or his/ her family normally resides.
- V. Administrator/ Secretary to administrator/ Development Officer (Laccadive and Minicoy Islands)

25.5 RESERVATION FOR OBC CANDIDATES

Seats for OBC category candidates will be reserved in proportion to the increase in number of seats required for implementing 27% reservation for OBC category candidates as per provisions of the central educational Institution (Reservation in Admission) Act 2006.

25.6 PREPARATION OF MERIT LIST FOR MD (COMMUNITY HEALTH ADMINISTRATION):

Admission to MD (Community Health Administration) course shall be made in order of merit based on marks obtained at the written screening test in the following manner:

- (i) **For first 50% of the total number of seats, the selection will be made on the basis of the combined merit list of Medical graduates of University of Delhi and other Universities/ Institutions. Thereafter, the selection for the remaining 50% seats will be made from Medical graduate of University of Delhi.**
- (ii) **If any candidate who is already admitted against the 50% quota of Delhi University graduate becomes entitled to be offered admission against 50% All India Quota, the vacancies in the 50% Delhi University quota will be filled up from amongst the Medical graduates of Delhi University only.**
- (iii) **If any seat remains vacant in 50% quota for Medical graduates of Delhi University for want of Medical graduates of Delhi University, these seats would be filled up from Medical graduates of other Universities/ Institutions.**

The candidates seeking admission to MD (Community Health Administration) course shall also appear in the counselling on specified dates according to their merit.

All other terms and conditions shall be the same as prescribed for other Post-Graduate (Degree/ Diploma) candidates.

25.7 PREPARATION OF MERIT LIST FOR DIPLOMA IN HEALTH EDUCATION (D.H.E.) COURSE:

The selection of the candidates for admission to D.H.E. course will be made on the basis of the eligible candidates and in order of preference as categorized in (a), (b), and (c) under **clause 24.3** in the manner described below:

- (i) For first 50% of the total number of seats, the selection will be made on the basis of the combined merit list of candidates from University of Delhi and other Universities/ Institutions. Thereafter, the selection for the remaining 50% seats will be made from candidates from University of Delhi.
- (ii) If any candidate who is already admitted against the 50% quota of Delhi University candidates become entitled to be offered admission against 50% All India Quota, the vacancies in the 50% Delhi University quota will be filled up from amongst the candidates from Delhi University only.
- (iii) If any seat remains vacant in 50% quota for candidates from Delhi University for want of candidates from Delhi University, these seats would be filled up from candidates from other Universities/ Institutions.

25.8 PROCEDURE FOR ADMISSION AND ASSIGNMENT OF INSTITUTIONS:

25.8.1 Admissions would be made strictly on the basis of the merit of the candidate determined by the Screening Test.

In case there is tie of marks in the result of Screening Test the following procedure will be adopted for breaking the tie.

- i) The candidate who has got more marks in the final profession of MBBS examination will be given preference for admission.
- ii) If the candidate in the tie of marks have equal marks in the Final Profession MBBS examination, then the candidate older in age will be given preference for admission.

25.8.2 The candidates, in order of merit, will be required to appear before Admission Committee constituted by the Board of Research Studies for Medical Sciences during 2nd week of April and final Counselling will be **done in the last week of May. The admissions will be closed on 31st May.**

25.8.3 When a candidate appears before the aforesaid Committee he/she would be informed of the available subjects and Institutions in which the courses are available. From among the subjects and the Institutions available at the time of his/her Counselling, he/she would be entitled to select only one subject and one Institution and he/she would be allotted the said subject and the said Institution. However, in case a candidate opts for a subject and an Institution at the Initial Counselling, gives in writing to the Faculty Office before the date stipulated for joining the course that he/she would not be joining the said course and that his/her name may be kept in the waiting list for Final Counselling, the name of the said candidate would be included in the waiting list.

25.8.4 If any seat fall vacant in any subject in any Institution during the course of Counselling or thereafter, the same would be filled in the Final/next Counselling, from the waiting list on merit in the same manner as mentioned above.

25.8.5 While filling up vacant seat on account of drop out or surrender of seats candidates who have already joined the allotted subject and Institution will not be considered and only

candidates in the waiting list based on merit position will be considered in the Final / next Counselling.

25.8.6 The candidate who has been offered a seat in the Initial Counselling and has accepted the offer but has not surrendered his/her seat (in writing) before the stipulated date and has also not joined the said course, he/she will not be entitled to be placed on the waiting list and will also be debarred in the subsequent Screening Tests till the duration of the Course is over. It is clarified that the candidates offered admission in the Final Counselling have no right to surrender their seats and no extension for joining will be given beyond 31st May and if they do not join the Course concerned on 31st May, they will be debarred in the subsequent Screening Test till the duration of the Course concerned is over.

25.8.7 A candidate who does not wish to be admitted to any of the subjects available at the time of his/ her Counselling, may give in writing to the said effect He/She will be placed in the waiting list and will be considered for admission to the vacant seats, if any, in the Final/next Counselling in order of merit.

The candidates should bring (in original) or the following documents at the time of Counselling.

- (i) High School/ Higher Secondary Certificate for verification of the date of birth.
- (ii) M.B.B.S. degree.
- (iii) Detailed marks certificates of the 1st , 2nd & Final MBBS Examination.
- (iv) The compulsory rotating internship certificate.
- (v) Employer's Certificate. If employed (as given in the application form}.
- (vi) Registration Certificate with State Medical Council/Medical Council of India .
- (vii) SC/ST certificate, if applicable.
- (viii) A copy of the letter of allotment under the 50% All India Quota by the Director General of Health Services and proof in regard to permanent residence in the National Capital Territory of Delhi as such ration card etc.

and a school certificate that he/ she has passed 10th, 11th and 12th classes from NCT Delhi.

NOTE:-

A. The candidate should also bring with him/her at the time of Counselling a demand draft **on any nationalized bank** for required amount drawn in favour of the Registrar University of Delhi payable at State Bank of India, Delhi University Branch, Delhi.

B. A candidate who withdraws his/ her name for admission to Post-graduate Degree/ Diploma Course may collect demand draft from the Faculty office before 15th July. Thereafter no refund shall be made under any circumstances.

25.9 ELIGIBILITY CONDITIONS FOR DM/M.Ch. SUPER-SPECIALITIES (Post-Doctoral Course)

(i) Candidate must have passed the final MBBS examination with 50% marks in the aggregate and should have passed MD/ MS examination of the University of Delhi or any other degree recognized equivalent thereto by the MCI and the University on or before 31st December of the preceding year of admission.

(ii) The candidate holding Diploma of National Board of Examinations will be eligible for admission to Post-Doctoral Courses, provided they have done thesis work.

(iii) The written screening test shall be held in 1st /2nd week of June and the place shall be intimated to the eligible candidates.

iv) The written screening test for each superspeciality (DM/ M.Ch.) will consist of two papers, for the DM/M.Ch. Super Speciality course Paper I will be common paper of Medicine/Surgery of 1 hour and 20 minutes duration and Paper II would be of 2 hour duration and would be separate for each super speciality viz DM (Cardiology) DM (Gastroenterology) and DM (Neurology), MCh (Neuro Surgery), M.Ch. (Cardio Vascular & Thoracic Surgery), M.Ch. (G.I. Surgery) and MCh (Paediatric Surgery). The paper I will consist of 80 objective type of questions (items). Each item will be followed by four responses marked (1), (2), (3) and (4) of which only one will be the correct or the most appropriate one. The test will carry a maximum of 320 marks. Paper II will consist of 120 objective type of questions (items) Each item will be followed by four responses marked (1), (2), (3) and (4) of which only one will be the correct or the most appropriate one. The Test will carry a maximum of 480 marks. There will be negative marking for wrong answer.

(v) Candidates for the course mentioned above shall be selected in order of merit on the basis of the marks obtained in the written screening tests with minimum of 50% marks in entrance examination.

25.10 The following procedure for breaking tie of marks will be adopted.

i) The candidate who has passed the qualifying examination (MD/ MS) from a MCI recognized institution in the first attempt will be given preference for admission.

ii) If the candidates in the tie of marks have passed the qualifying examination (MD/ MS) Examination in first attempt, then the candidate who has secured more marks in the Final Professional MBBS examination will be given preference for admission.

iii) If the candidates in the tie of marks have also equal marks in the Final Professional MBBS Examination, then the candidate older in age will be given preference for admission.

NOTE: No TA/DA will be admissible for appearing in the Screening Test.

26. SPAN PERIOD:

(i) Students admitted to MD/ MS / MDS courses should pass the degree examination within 5 years after registration to the course.

(ii) 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.

(iii) Students admitted for diploma courses shall pass the examination within 4 years from the date of registration to the course. Similar rules will apply for 2 years MD/ MS course where the student had obtained diploma at the time of registration.

(iv) 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.

27: DISCIPLINE

27.1 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.

27.2 The Student would undergo the course on full-time basis, no private practice, part-time job, being permissible during the duration of the course.

27.3 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 MD/MS/MDS/Diploma/Super Speciality courses may be revised according to MCI / DCI / Ministry of Health and Family welfare, Govt. of India/ Orders of the Hon'ble court.

NAME OF THE DEPARTMENTS AND ADDITIONAL STAFF REQUIRED FOR EACH DEPARTMENT

1.	Department of Medicine	i) Associate Professor/ Reader	-1
		ii) Asstt. Professor/ Lecturer	-1
		iii) Tutor/ Demonstrator	-1
		iv) Stenotypist/ Computer Operator	-1
2.	Department of Obstetrics & Gynaecology	-do-	
3.	Department of Paediatrics		-do-
4.	Department of Psychiatry		-do-
5.	Department of Anaesthesia	-do-	
6.	Department of Dermatology including Leprosy & Venereal Diseases		-do-
7.	Department of Radio-Diagnosis & Imaging	-do-	
8.	Department of Radio-Therapy		-do-
9.	Department of Social & Preventive Medicine		-do-
10.	Department of Tuberculosis & Respiratory Diseases		-do-
11.	Department of Surgery		-do-
12.	Department of Orthopaedics	-do-	
13.	Department of Otorhinolaryngology	-do-	
14.	Department of Ophthalmology		-do-
15.	Department of Pathology		-do-
16.	Department of Physiology		-do-
17.	Department of Pharmacology	-do-	
18.	Department of Medical Microbiology		-do-
19.	Department of Medical Bio-Chemistry		-do-
20.	Department of Community Health Administration	-do-	
21.	Department of Forensic Medicine		-do-
22.	Department of Anatomy		-do-

FACULTY OF MEDICAL SCIENCES
UNIVERSITY OF DELHI

Confidential

Evaluation report of Thesis for MD/ MS/ Ph.D.

Name of Courses: _____

Title of the Thesis: _____

Name of the Candidate: _____

Recommendation by the Examiner (Scheme of Evaluation of Thesis printed overleaf,

Please (✓) mark against the appropriate column)

1. Thesis Accepted Thesis Rejected To be resubmitted
after suggestion

2. Comments on thesis (including reason for Rejection / Suggestion for Modification
(if applicable)

(Please use additional sheet(s), if necessary)

Date:

Signature of Examiner

Place:

Name: _____

Designation: _____

Address: _____

**FACULTY OF MEDICAL SCIENCES
UNIVERSITY OF DELHI**

Scheme of evaluation of Thesis

Section		Adequate	Marginal	Inadequate or not included
Title	Appropriateness			
	Clarity and brevity			
	Focus on topic (does it raise interest in the reader)			
Introduction	Purpose of study			
	Mention of lacunae in current knowledge			
	Hypothesis, if any			
Review of Literature	Relevance			
	Completeness			
	Is it current and up-to-date			
Methods	Mention of the type of study (prospective, retrospective, controlled, double blind etc.			
	Detail of subjects and controls			
	Details of materials (apparatus, experimental design)			
	Procedure used for data collection (Questionnaire)			
	Statistical methods employed, level of significance considered			
	Statement of limitation			
	Mention of ethical issue involved			
Observation & Result	Logical Organization in readily identifiable section			
	Correctness of data analysis			
	Appropriate use of charts, tables, graphs, figures, etc.			
	Statistical Interpretation			
	Objectivity of interpretation			
Discussion	Relevance (within framework of study) and appropriateness for date			
	Interpretation of implication of result			
	Resolution of contradictory of result			
	Statement of limitation of interpretation (Mention of appropriate caution while stating inferences)			
	Mention of unanswered questions			
	Mention of new questions raised			
References				
Appendices	Whether all required annexure and appendices are included, e.g. the clinical proforma, the questionnaire used etc.			

Signature of examiner

***SUBMISSION OF THESIS PROTOCOL AND THESIS FOR MD/MS/MDS AND SUPER SPECILITY COURSES TO THE FACULTY OF MEDICAL SCIENCES**

Course	Thesis Protocols submission	Thesis submission
(a). MD/MS/MDS	(a) 30 th October of the 1 st year of the course	(a) 30 th April (at the end of 2 nd year of the course)
(b) The (MD/MS) Students who have already done Diploma in Same subjects	(b) 1 st September of the 1 st year of the course	(b) First week of October in the 2 nd year of the course.
Super Specility course (where applicable)	30 th November of the first year of the course	30 th November (beginning of the 3 rd year of the course)

* Subject to change on recommendation of the Board of Research Studies (BRS).

The Protocols will be reviewed by the Head of the Departments within four weeks after receipt of the protocols by the Faculty of Medical Sciences. Any Comments/revision of protocols, if necessary should be communicated by the HOD Faculty of Medical Sciences to the candidate and the Institution within four weeks of submission of the protocols. The revised Thesis protocol should be received not later than eight weeks from the actual date of submission (i.e. 30th October for MD/MS/MDS and 30th November for Super specialty courses). The BRS should consider the protocols by 15th January for MD/MS/MDS courses and 15th February for Super Specialty courses and communicate the approval to the Institution and candidates.

Any request by candidate for revision in the thesis-protocol after 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.