



Ordinance 14

Curriculum of Post-Graduate Degrees {Doctor of Medicine (M.D.) and Master of Surgery (M.S.)}

1.0 Purpose and Objective

The purpose of formulating this ordinance is to define the regulations pertaining to post-graduate Doctoral Degrees {Doctor of Medicine (M.D.) and Master of Surgery (M.S.)} of GS University. These regulations are congruent with the existing regulations of the National Medical Commission.

These academic programmes centre on developing the following attributes among the candidates pursuing these programmes:

- Acquiring the necessary competencies for providing healthcare services while staying informed about the latest advancements in the field. Effectively addressing community health care needs.
- Fostering a spirit of scientific inquiry and understanding research and epidemiology.
- Promoting integrity, accountability, and compassion towards others, while upholding professional ethics.

2.0 Definitions

- 2.1 **Academic Programme** shall mean a programme leading to a postgraduate doctoral degree in any of the NMC recognised branches of medical sciences (MD: Doctor of Medicine; MS: Master of Surgery).
- 2.2 **Course** means a component of Academic Programme, carrying a distinctive code number.
- 2.3 **Board of Studies (BOS)** shall mean the Board of Studies of G.S. Medical College, G.S. University, consisting of PG-BOS in Medicine & Allied Subjects, PG-BOS in Surgery & Allied Subjects and PG-BOS in Pre- & Para-Clinical Subjects.
- 2.4 **External examiner** shall mean an examiner who is not in the employment of G.S. University.

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- 2.5 **Student** shall mean an individual admitted to G.S. University.
2.6 **University** shall mean G.S. University, Hapur.
2.7 **PGMEB** shall mean Post-Graduate Medical Education Board duly constituted under Section-16 of National Medical Commission Act, 2019.

3.0 Admission Process

3.1 Eligibility for Post-Graduate Broad Specialty Courses

- 3.1.1 The eligibility for admission to a post-graduate broad-specialty course shall be on the basis of "NMC, National Exit Test Regulations, 2023" from the time it becomes operational.
3.1.2 Until the first batch based on National Exit Test (NeXT) becomes eligible for admission to broad-specialty courses, the existing system of admission through National Eligibility-cum-Entrance Test-Postgraduate (NEET-PG as per Post- Graduate Medical Education Regulation, 2000 (PGMER-2000) shall continue to prevail.
3.1.3 Without prejudice to anything stated above, the NMC Post-Graduate Medical Education Board is empowered to determine the manner, modalities, etc. of conducting the NEET-PG for broad specialty courses by way of a notification.
3.1.4 The UP-State authority shall draw a state merit list of the eligible candidates on the basis of the marks obtained in NEET-PG or NeXT and all admissions to the post-graduate courses shall only be through this merit list.

3.2 Admission to the Post-Graduate Courses

Admissions to all seats of post-graduate courses shall be through a common counselling for all state medical institutions conducted by the UP-state counselling authority based on the merit of the eligibility examination. This counselling process may entail multiple rounds.

The PGMEB of NMC shall publish the guidelines and time schedule for conduct of the examination, counselling, admission, joining and commencement of academic session; and the designated authority within the state shall conduct the counselling in accordance with those guidelines and time schedule.

G.S. University will enter the details of seat matrix and state the fees for each post-graduate course before the commencement of the counselling process.

3.3 Prohibition of admission through any other way than counselling

G.S. University shall *not* admit any candidate to the post-graduate medical education courses in contravention of the NMC-PGMEB regulations.

3.4 Submission of the Final List

G.S. University shall submit a final list of the admitted students in the prescribed format to the PGMEB-NMC within a week of the last date of joining the course.

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3.5 Student Migration

No student shall be permitted migration to any other medical institution once they are finally designated to G.S. University.

4.0 Training Programme

Programme Contents and Duration

- 4.1 The Post Graduate Degree (M.D./M.S.) shall comprise of courses and/or other components as specified in the scheme of teaching and examination and syllabi of the concerned Programme as are approved by the academic council.
- 4.2 The minimum period required for completion of Programme shall be three years, as specified in the scheme of teaching and examination and syllabi for the concerned programme.
- 4.3 Students admitted to the M.D./M.S. courses must pass the degree examination within five years of registration to the course.
- 4.4 The University is empowered to initiate any of the following National Medical Commission recognised academic programmes leading to Post-Graduate Broad Speciality Qualifications (M.D./M.S.) provided it receives the letter of permission for the subject from the National Medical Commission. M.D. (Doctor of Medicine)
- Anatomy
 - Anaesthesiology
 - Biochemistry
 - Community Medicine
 - Dermatology, Venereology & Leprosy
 - Forensic Medicine & Toxicology
 - General Medicine
 - Microbiology
 - Paediatrics
 - Pathology
 - Pharmacology
 - Physiology
 - Psychiatry
 - Radiation Oncology
 - Radio-diagnosis
 - Respiratory Medicine

M.S. (Master of Surgery)

- General Surgery
- Orthopaedics
- Obstetrics & Gynaecology
- Ophthalmology
- Otorhinolaryngology

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Note: For all the programmes mentioned above, the candidate must possess a recognized MBBS degree or its equivalent degree recognized by NMC.

4.5 Components of the Post-Graduate Curriculum

The G.S. Medical College, G.S. University shall implement the prevailing model curriculum published by the Post-graduate Medical Education Board of the National Medical Commission and adopt its outcome objectives.

a) Methods of Postgraduate Training

The postgraduate training shall consist of training of the students through lectures, seminars, journal clubs, group discussions, participation in laboratory and experimental work and research, and through clinical meetings, grand rounds, and clinic-pathological conferences, and practical training in the diagnosis and medical and surgical treatment, and training in the basic medical sciences as well as in allied clinical specialties, etc. as per the requirement of each specialty.

b) Graded responsibility in the management and treatment of patients

In those postgraduate specialties where the clinical management of patients is a part of the training process, the postgraduate students are expected to bear responsibility towards the management of patients entrusted to their care in a graded manner.

c) Full-time Course

All post-graduate students shall work full-time as resident doctors.

d) Maintenance of dynamic e-Log book

All postgraduate students must maintain a dynamic e-log book. This log-book would need to be updated on a weekly basis about the work being carried out by them and the training programme that they undergo during the period of training.

The postgraduate guides imparting the training shall be required to assess and authenticate the record (e-Log books each month).

e) Participation in teaching and training of UG students

The post-graduate students shall be required to conduct and participate in the teaching and training programme of undergraduate students and interns.

f) Training in Basic Medical Sciences

During the training for award of Degree, there shall be proper training in basic medical sciences related to the disciplines concerned. During the training programmes emphasis will be laid on preventive and social aspects.

g) Academic Presentation and Publication

A post-graduate student of a degree course in broad specialty will do at least one of the following to make him/her eligible to appear in his/her final examination:

- i) **Poster presentation** at a National/Zonal/State conference of his/her specialty;
- ii) **Podium presentation** at a National/Zonal/State conference of his/her specialty;
- iii) Must have one **research paper** published/accepted for publication in journal of his/her specialty as first author.

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h) **Course in Research Methodology**

- i) All post-graduate students shall complete an online course in Research Methodology.
- ii) The students shall have to register on the portal of the designated training institutions.
- iii) The students shall complete the course in the first year of their course.
- iv) The online certificate generated on successful completion of the course and examination thereafter, will be acceptable evidence of having completed this course.
- v) The above certification shall be a mandatory requirement to be eligible to appear for the final examination of the respective post-graduate course.
- vi) This requirement shall be applicable for all post-graduate students.

i) **Course in Ethics**

- i) All post-graduate students shall complete course in ethics including Good Clinical Practices and Good Laboratory Practices, whichever is relevant to them, to be conducted by G.S. University.
- ii) The students are expected to complete the course in the first year.
- iii) No post-graduate student shall be permitted to appear in the examination without the above certification.

i) **Course in Cardiac Life Support Skills**

- i) All post-graduate students shall complete a course in Basic Cardiac Life Support (BCLS and Advanced Cardiac Life Support (ACLS skills to be conducted by the institution.
- ii) The students are expected to complete the course in the first year.
- iii) No post-graduate student shall be permitted to appear in the examination without the above certification.

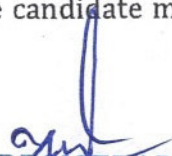
k) **Other Beneficial Courses**

G.S. University may arrange training in any other courses like awareness in medical audit, medical law, exposure to human behaviour studies, finance, accounts, etc, which are beneficial for the postgraduate students.

l) **Research Work and Thesis Writing**

- i) The post graduates given to a department will be distributed by 'draw of lots' to avoid any element of favouritism.
- ii) All postgraduate students pursuing a MD/MS course in a broad-specialty must carry out thesis related research and write a thesis dissertation in compliance with the NMC regulations.
- iii) Each post-graduate will be guided by a recognized supervisor/co-supervisor and will carry out research on an assigned project under their guidance. The results of the research work will be duly recorded, analysed, written and submitted in the form of a thesis dissertation. In case the supervisor/co- supervisor superannuates before the completion of the candidate's writing of the thesis, the candidate may

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continue to take guidance from the superannuated teacher for up to six months of the supervisor's superannuation.

- iv) Each post-graduate must comply with the timetable related to the thesis work as notified by G.S. University in its academic calendar for the batch.
- v) Students who fail to submit the thesis protocol by the stipulated date for any reason, except maternity leave, are liable to face stern action. Their salary may be stopped or they may even be terminated from G.S. University, if the Head of Department makes such a recommendation to the Dean, G.S. Medical College.
- vi) The thesis must be submitted to the Office of the Dean, G.S. Medical College by the date specified in G.S. University academic calendar.
- vii) In general, no candidate will be granted any extension of time for the submission of thesis. However, the Academic Council, G.S. Medical College, may decide to grant such an extension in specific cases based on the merit of the case. In such cases, where a candidate is allowed extension of time, G.S. University will be within its right to levy a monetary penalty upon the candidate.
- viii) In case a candidate fails to submit the thesis on time, they will be debarred from appearing in the University examination. They will however be permitted to appear in the supplementary/next due examination once they fulfil the requirement of the acceptance of thesis.

m) **District Residency Programme (DRP)**

- a) All post-graduate students pursuing M.D./M.S. in broad specialties shall undergo a compulsory residential rotation of *three months* in District Hospitals/District Health System as a part of the course curriculum. The training thus imparted shall be considered as training imparted in a medical institution. This rotation shall be termed as 'District Residency Programme' (DRP) and the post-graduate medical student undergoing training shall be termed as a 'District Resident'.

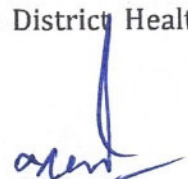
b) **Timing of DRP**

The rotation shall take place in the 3rd or 4th or 5th semester of the postgraduate programme.

c) **Training and Responsibilities of District Residents**

- i. The District Resident will work under the overall directions and supervision of the District Residency Programme Coordinator (DRPC).
- ii. During this rotation, the Resident doctor will be posted with the concerned/allied Specialty team/unit/sections/services at the District Health System/District Hospital.
- iii. The clinical responsibilities assigned to the Residents would include serving in the outpatient, inpatient, casualty, and other areas pertaining to their Specialty and shall include night duties.
- iv. Post-graduate students of pre- and para-clinical specialties where direct patient care is not involved will be trained by District Health System/District Hospital teams within the available avenues in coordination with the District Health Officer/Chief Medical Officer.

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- v. They would be trained in and contribute to the diagnostic/laboratory services, pharmacy services, forensic services, general clinical duties, managerial roles, public health programmes etc., as applicable.
- vi. They may also be posted in research units/facilities, laboratories and field sites of the Indian Council of Medical Research and other national research organizations.

d) **Stipend and Leave for District Residents**

- i. The District Residents shall continue to draw full stipend from G.S. Medical College for the duration of the rotation. This will be subject to the attendance record submitted by appropriate district authorities.
- ii. Subject to exigencies of work, the District Resident will be allowed one weekly holiday by rotation.
- iii. The District Resident will also be entitled to leave benefits as per the rules/guidelines of G.S. Medical College.

e) **Training during DRP and Certification**

- i. The quality of training shall be monitored by logbooks, supportive supervision, and continuous assessment of performance. The attendance and performance of District Residents shall be tracked by the District Residency Programme Coordinator (DRPC) of the district concerned, as well as G.S. Medical College through an appropriate electronic/digital or mobile enabled system. Such monitoring systems shall also be accessible to the Uttar Pradesh State Steering Committee and the National Coordination Cell.
- ii. The District Residents would remain in contact with their designated post-graduate teachers and departments at G.S. Medical College by phone and e-communication for guidance, learning, and for being able to participate remotely in scheduled case discussions, seminars, journal clubs, thesis discussion, etc. and other academic activities.
- iii. Satisfactory completion of the District Residency shall be an essential condition before a PG resident is allowed to appear in the final examination of the respective post-graduate course.
- iv. The District Residency Programme Coordinator (DRPC) shall issue certificate of satisfactory completion of DRP and report on the performance of the District Resident on a prescribed format of the PGMEB to G.S. Medical College and the Govt. of UP.

f) **Responsibility of GS Medical College towards DRP**

It shall be incumbent upon G.S. Medical College to place the post-graduate students at the disposal of the Government of UP for the District Residency Programme. The faculty of the concerned departments would provide guidance to the District Residents by phone/e-communication.

g) **Responsibility of the State Government towards DRP**

Under the NMC regulations, the State Government will implement the District Residency Programme within their jurisdiction as under:

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- i. The Programme will be coordinated jointly by the Directorate of Medical Education and the Directorate of Health Services. An Officer of the Uttar Pradesh State Government shall be designated as the State District Residency Programme (DRP) Nodal Officer. The Uttar Pradesh Government shall be responsible for the facilitation, oversight and supervision of the District Residency Programme.
- ii. The designated Uttar Pradesh State DRP Nodal officer will identify and designate District Health System/District Hospital that are suitable for such rotation in terms of availability of specific specialties, specialists, facilities and services available in consultation with the Directorate of Health Services of the State and G.S. Medical college and develop a placement schedule of the post-graduate residents of the medical college due for rotation at least six months in advance. This official will also be responsible for grievance redressal at State level.
- iii. The Uttar Pradesh State DRP Nodal officer will undertake rule-based allotment of the training facilities to the Post-graduate Residents.
- iv. The State Government will provide appropriate amenities to the District Residents, including, amongst others, suitable accommodation, mess, transportation to workplace (if living quarters are far away), security, especially for female residents.
- v. The District Residents will remain under the jurisdiction of respective State DRP Nodal officer where they are undergoing District Residency.
- vi. The concerned State Government will also designate a senior official of the District Health System as the District Residency Programme Coordinator (DRPC) in each District for coordinating between the State DRP Nodal officer and the medical college.
- vii. The District Residency Programme Coordinator will also be responsible for orienting the Post-graduate Residents to the District health system, supervising the postings within the district, ensuring their accommodation, safety and transport needs, grievance redressal, etc.
- viii. District Residency Programme Coordinator will be the competent authority for sanctioning leave to District Residents.
- ix. G.S. Medical College will submit the DRP posting details of the students to PGMEB of the National Medical Commission within one week of completion of the DRP.

5.0 Stipend to Post-Graduate Students

The students of G.S. Medical College undergoing post-graduate degree program shall be paid a stipend each month.

6.0 Leave Rules for Post-Graduate Students

The following leave rules shall apply to the post-graduate students pursuing any of the M.D./M.S. programmes:

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- 6.1 Every post-graduate student will be allowed a maximum 20 days of paid leave per year. In addition to the 20 days paid leave, the candidates will be allowed paid academic leave of 5 days per year.
- 6.2 Subject to exigencies of work, post-graduate students will be allowed a weekly holiday.
- 6.3 Female post-graduate students will be allowed maternity leave as per the existing rules and regulations.
- 6.4 If candidate avails leave in excess of the permitted number of days, their tenure shall be extended by the same number of days to complete their training period. However, they shall be able to appear in the examination if they have 80% of the attendance.

7.0 Accommodation for Post-Graduate Students

G.S. Medical College will provide residential accommodation to post-graduate students. However, it shall not be mandatory for the post-graduate students to stay in the hostel.

8.0 Academic Programme Committee

- 8.1 G.S. Medical College shall be served by an Academic Programme Committee. The Dean, G.S. Medical College shall be its Chairman. All teachers of G.S. Medical College shall be its members. This Committee shall coordinate the implementation of the courses for optimum utilization of resources.
- 8.2 The Academic Programme Committee shall perform all tasks as assigned to it by the Dean, G.S. Medical College.
- 8.3 The Academic Programme Committee shall meet as and when required but at least once during every six months. The Chairman of the Committee will convene the meetings.

9.0 Academic Cell

G.S. Medical College shall set up an Academic Cell, under the chairmanship of a senior faculty member, who shall monitor the implementation of training programmes in each specialty and ensure its quality as mandated by the PGMEB.

10.0 Updating of Training Programmes

The training programmes shall be updated as and when the PGMEB-NMC revises the curriculum and other prescribed requirements. The structured training programme shall be duly documented and followed. This will help the examiners to determine the training undergone by the candidates.

11.0 Role of University in Training of Postgraduates

- 11.1 The GS University shall partner with the National Medical Commission in the training of postgraduates in the following manner:
- 11.1.1 It shall implement the NMC curriculum to provide high-quality and affordable post-graduate medical education to the student to make him/her a competent specialist and/or medical teacher.
 - 11.1.2 It shall provide training in clinical and practical skills along with theoretical knowledge, while laying emphasis upon attitude, ethics and communication skills to ensure competency-based medical education.
 - 11.1.3 It shall encourage scholars in both self-directed and assisted learning.
 - 11.1.4 It shall provide periodic and transparent assessment of medical education to meet with the highest global standards.
 - 11.1.5 It shall provide a summative assessment for overall successful completion of the post-graduate programme.
 - 11.1.6 It shall develop the students' confidence to handle emergencies and casualties at all levels.
- 11.2 G.S. University will ensure that a proper record of the residents' work is maintained so that it forms the basis of objective, efficient and transparent internal assessment. These documents can be called for at any time, particularly during a NMC assessment.
- 11.3 G.S. University will constantly endeavour to develop strategies for optimal utilisation of evolving technology by the faculty, medical education department and scholars during the period of training at the post-graduation level.
- 11.4 G.S. University will endeavour to maximize the use of digital technology for conducting examinations and issuance of Degrees/Diploma and other certificates in digital mode which should be available on the Digi locker platform.

12.0 Department, Units, Faculty, Senior Residents and Junior Residents

12.1 Department

The name of the Department will be as per the name of the Specialty subject. Each Department will be headed by a Professor.

12.2 Unit

All Departments with inpatient beds will have a unit structure (Units, where applicable).

12.3 Faculty

Each Department will have full time faculty in the form of one or more Professors, Associate Professors and Assistant Professors. Appointment and promotion of faculty in various teaching specialties imparting post-graduate medical education, falling within the purview of the National Medical

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Commission, shall be in accordance with the norms of Teachers Eligibility Qualifications in Medical Institutions Regulations as laid down by the NMC from time to time. The number of faculty requirement and the number of post-graduate students registrable under each faculty will be as per Post-Graduate Medical Education Regulations of the NMC.

12.4 Senior Residents

- Senior Resident shall have a post-graduate degree qualification in the respective broad- specialty.
- Post-graduate students pursuing super-specialty courses will also be called as senior residents.

12.5 Junior Residents

Students pursuing broad-specialty courses will be called as junior residents.

13.0 Running Of Concurrent Post-Graduate Courses

As stipulated under the NMC regulations, no department shall seek to apply for any post-graduate course under any other body like the National Board of Examinations in Medical Sciences (NBEMS) against the very same units, teaching personnel and infrastructure which remain engaged in the running of postgraduate degree programmes (M.D./M.S.: Doctor of Medicine/Master of Surgery).

14.0 Miscellaneous

14.1 **Faculty Development Programme:** The Post-graduate Medical Education Board shall prescribe the Faculty Development Programme to enhance the skills of the faculty for post-graduate training, which will have to be mandatorily followed.

14.2 **Animal experimentation** should continue to be included as an integral part of the competency-based curriculum of post-graduate courses in Physiology and Pharmacology. However, the use of non-animal, human relevant methods may be encouraged for teaching and training of post-graduate students in these subjects, wherever possible. If animals are used as a part of research studies or thesis work, biomedical ethics and relevant rules and guidelines framed under the Prevention of Cruelty to Animals Act, 1960, must be strictly adhered to.

14.3 **Collaborative Research:** Impetus may be provided to Research in medical field to produce Physicians and Scientists of the highest calibre by collaborative arrangement with other scientific organizations of excellence as well as Institutions of Eminence/ Excellence conferred by the Government of India. Inter-disciplinary research with AYUSH may be encouraged.

15.0 Provision to Amend

The national regulatory body NMC is empowered to notify any addition, deletion, substitution or any other amendment to Post-graduate Medical Education Ordinance at any time.

These amendments shall be applicable to the University with effect from the date such an amendment is placed in public domain by the NMC. The Board of Studies and Board of Faculty of GS Medical College and Hospital shall take cognizance of the amendment and refer it to the Academic Council of GS University to adopt.

In exercise of the powers conferred under clause 20.11 of Statute 20 of the GS University Act, 2019, the Executive Council of GS University in its 1st Meeting held on 19.07.2024 passed a resolution confirming Ordinance 14.


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