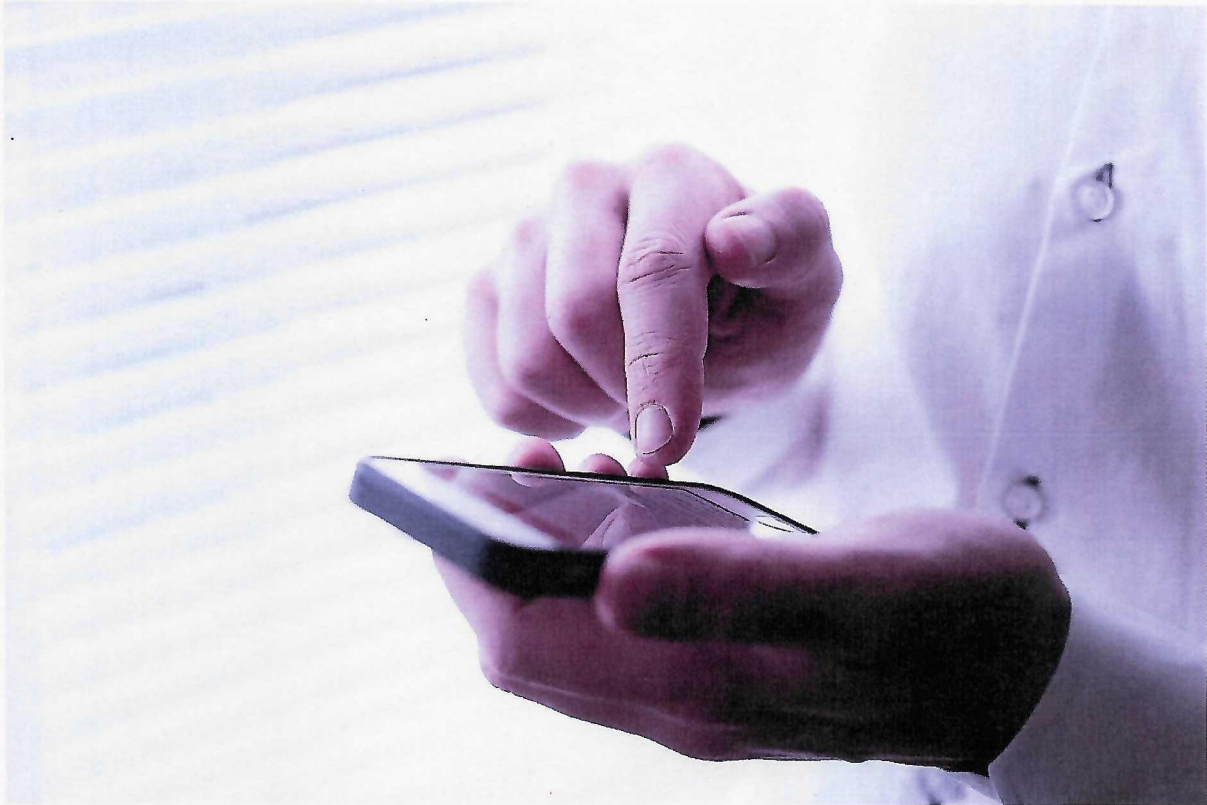


Syllabus for MD (General Medicine) Programme



Guru Gobind Singh Indraprastha University

A State University established by the Govt. of NCT of Delhi

University School of Medicine and Allied Health Sciences

SYLLABUS FOR MD MEDICINE

GGSIU UNIVERSITY, DELHI

Programme Objectives

At the end of postgraduate training the student should be able to:-

- Practice his speciality ethically.
- Demonstrate sufficient understanding of basic sciences related to internal medicine speciality.
- Diagnose and manage majority of conditions in his speciality (clinically and with the help of relevant investigations).
- Plan and advise measures for the prevention and rehabilitation of patient belonging to his speciality.
- Play the assigned role in the implementation of National Health Programs.
- Demonstrate competence in basic concepts of research methodology.
- Develop good teaching skills.
- Develop good communication skills.
- Maintain well documented patients records.

Specific learning objectives

a) Theoretical knowledge: A student should have fair knowledge of basic sciences (Anatomy, Physiology, Biochemistry, Microbiology, Pathology and Pharmacology as applied to Medicine.) He/she should acquire in-depth knowledge of Medicine including recent advances. He should be fully conversant with the bedside procedures (diagnostic and therapeutic) and have knowledge of latest diagnostics and therapeutics available.

b) Clinical/Practical skills: A student should be expert in

- good history taking, physical examination and analysis of clinical data to make appropriate differential diagnoses;
- choosing the required investigations;
- managing outdoor and indoor patients;
- managing all medical emergencies;

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- providing basic life support and advanced cardiac life support;
- Performing common procedures like FNAC, biopsy, aspiration from serous cavities, lumbar puncture etc.

He / She should acquire pleasant bedside manners.

- c) **Research:** He/she should know the basic concepts of research methodology, be able to plan a research project and should know how to consult resources in the library and use the internet. Basic knowledge of statistics is also required.
- d) **Teaching:** Should learn the basic methodology of teaching and develop competence in teaching medical/paramedical students.

Postgraduate Training

Didactic lectures are of least importance.

Seminars, journal clubs, symposia, reviews and guest lectures should get priority for acquiring theoretical knowledge. Beside teaching and case presentation, grand rounds, interactive group discussions and clinical demonstrations should be the hallmark of clinical/practical learning. Students should have hands-on training in performing various procedures and ability to interpret various tests/investigations. Exposure to newer specialized diagnostic / therapeutic procedures concerning his subject should be provided.

A. Clinical postings

I. A major tenure of posting should be in Internal Medicine. It should include care of in-patients, out-patients, special clinics and maintenance of case records for both in- and out-patients.

II. Exposure to the following areas should be provided:

1. Medical ICU / ICU
2. Noninvasive cardiac-diagnostics. like TMT, Echocardiography.
3. Dialysis
4. Endoscopy

Some exposure in psychiatry, dermatology, HIV and chest & TB should also be done.

Dr. A. K. Singh
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B. Clinical meetings

There should be intra- and inter-departmental meetings for discussing uncommon / interesting medical problems.

Each student must be asked to present a specified number of cases for clinical discussion, perform procedures / tests / present seminars / review articles from various journals in inter-unit / interdepartmental teaching session. They should be entered in a Log Book and signed by the authorized teacher and HOD. The attendance of a postgraduate in these intra-departmental teaching sessions should be at least 75%.

Thesis writing:	Thesis writing is compulsory Presentation / publication of papers in conferences/ index journals will be desirable.
Teaching:	In institutions having undergraduate courses, each PG student will be required to teach undergraduate (clinical demonstration) - at least 20 sessions

Thesis should be submitted by each candidate as per guidelines of the University.

C. The work performance, knowledge and skill acquisition should be reviewed once in six months.

EXAMINATION

I. Theory

- 1 Basic Sciences as applied to Medicine
- 2 Applied Pathology and Microbiology
- 3 Principles of Medicine
- 4 Practice of Medicine & Therapeutics; and Recent Advances

II. Practical

3-4 Clinical cases

Interpretation of Data, Clinical Problems, X-rays, ECGs and Objectively Structured Clinical Examination (OSCE) (Clinical Problems).

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III. Vice-voce - Due weightage should be give to Log Book Records and day-to-day observation during the training.

COURSE CONTENTS

- Cardiovascular System
- Respiratory Diseases
- Gastro intestinal Disorders
- Hepatobiliary Disorders
- Endocrinology
- Neurology
- Nephrology
- Metabolic Diseases
- Rheumatology
- Haematology
- Oncology
- Nutritional Deficiency Diseases
- Immunology & Allergy
- Infectious Diseases
- Parasitology
- Environmental Disorders
- Fluid & Electrolyte Disorders
- Poisonings
- Genetic & Molecular Diseases
- Emergencies
- National Health Programmes
- Recent Advances
- Medical Ethics or Legal Liabilities (CPA)

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