

## Rules and Regulations for MBBS As per the Revised Graduate Medical Education Regulations 2019

### (1). Training period and time distribution:

1. Every student shall undergo a period of certified study extending over 4 ½ years from the date of commencement of study for the subjects comprising the medical curriculum to the date of completion of examination which shall be followed by one year of compulsory rotating internship.
2. Each academic year will consist of a minimum of 240 teaching days with a minimum of 08 hours each working day including one hour for lunch.
3. Teaching and learning shall be aligned and integrated across specialties both vertically and horizontally for better student comprehension. Student centered learning methods should include problem oriented learning, case studies, community oriented learning, self-directed and experiential learning.



4. The period of 4 ½ years is divided as follows:

4.1 Pre - clinical Phase (13 months preceded by foundation course of 1 month): will consist of preclinical subjects – Human Anatomy, Physiology, Biochemistry, introduction to Community Medicine, Humanities and early clinical exposure ensuring both horizontal and vertical integration.

4.2 Phase 2 (12 months): will consist of Para-Clinical, namely Pathology, Pharmacology, Microbiology, Community Medicine, Forensic Medicine and Toxicology, and clinical subjects as detailed below (III MBBS) ensuring both horizontal and vertical integration.

a. The clinical exposure to students will be in the form of student doctor method of clinical training. The emphasis will be on primary, preventive and comprehensive health care. A part of training during clinical postings should take place at the *primary level* of health care. It is desirable to provide learning experiences in secondary health care, wherever possible. This will involve:

- i) Experience in recognizing and managing common problems seen in outpatient, inpatient and emergency settings.
- ii) Involvement in patient care as a team member.
- iii) Involvement in patient management and performance of basic procedures.

4.3 Phase 3 (28 months)

a. Part 1 (13 months) - The clinical subjects include Oto-rhinolaryngology, Ophthalmology, Community Medicine and Forensic Medicine and Toxicology.

b. *Elective* (2 months) - To provide students with opportunity for diverse learning experiences, to do research /community projects that will stimulate enquiry, self directed, experiential learning and lateral thinking.



c. Part 2 (13 months) - Clinical subjects include:

- i) Medicine and allied specialties (General Medicine, Pediatrics, Tuberculosis and Chest, Skin and Sexually Transmitted Diseases, Psychiatry, Radio-diagnosis, Infectious diseases).
- ii) Surgery and allied specialties (General Surgery, Orthopedics including trauma, physiotherapy and rehabilitation, Anesthesia, Dentistry, Radiotherapy).
- iii) Obstetrics and Gynecology (including Family Medicine and Family Welfare).
- iv) Pediatrics.

## (2) Phase Distribution and Timing of examination

1. Time distribution of the MBBS programme is given in Table 1.

Table 1: Time distribution of MBBS program & Examination Schedule.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
							Foundation Course	I MBBS			
I MBBS								I yr exam	II MBBS		
II MBBS								II yr exam	III MBBS Part 1		
III MBBS Part 1								Part 1 exam	Electives and skills		
III MBBS Part 2											
Part 2 exam	Internship										

2. Phase-wise distribution of subjects is given in Table

Table 2: Distribution of subjects by professional phase

Phase & Year of MBBS Training	Subjects & New Teaching Elements	Duration	University Examination
<b>First professional MBBS</b>	<ul style="list-style-type: none"> <li>• Foundation course (1 month)</li> <li>• Human Anatomy, Physiology &amp; Biochemistry</li> <li>• Introduction of Community Medicine, Humanities</li> <li>• Early Clinical Exposure</li> <li>• Attitude Ethics and Communication Module (AETCOM)</li> </ul>	1+13 months	<b>I Professional</b>
<b>Second professional MBBS</b>	<ul style="list-style-type: none"> <li>• Pathology, Microbiology, Pharmacology, Forensic Medicine and Toxicology</li> <li>• Introduction to clinical subject including community Medicine</li> <li>• Clinical postings</li> <li>• (AETCOM)</li> </ul>	12 months	<b>II Professional</b>
<b>Third professional MBBS Part I</b>	<ul style="list-style-type: none"> <li>• General Medicine, General Surgery, OBG, Paediatrics, Orthopaedics, Dermatology, Psychiatry Otorhinolaryngology, Ophthalmology, community Medicine, Forensic Medicine and Toxicology, Respiratory Medicine, Radiodiagnosis &amp; Radiotherapy, Anaesthesiology.</li> <li>• Clinical Subject / postings</li> <li>• AETCOM</li> </ul>	13 months	<b>III Professional (Part 1)</b>
<b>Electives</b>	<ul style="list-style-type: none"> <li>• Electives, Skills and assessment</li> </ul>	2 months	
<b>Third professional MBBS Part II</b>	<ul style="list-style-type: none"> <li>• General Medicine, Paediatrics, General Surgery, Orthopaedics, Obstetrics and Gynaecology, including Family welfare and allied specialties</li> <li>• Clinical Postings/Subject</li> <li>• AETCOM</li> </ul>	13 months	<b>III Professional (Part II)</b>

\* Assessment of electives shall be included in Internal Assessment

### 3. Distribution of clinical postings is given in Table 3

Table 3 : Clinical postings

Subjects	Period of training in weeks			Total weeks
	II MBBS	III MBBS part I	III MBBS Part II	
<b>Electives</b>			<b>8*(4 regular clinical posting)</b>	<b>4</b>
General Medicine <sup>1</sup>	4	4	8+4	20
General Surgery	4	4	8+4	20
OBG <sup>2</sup>	4	4	8+4	20
Pediatrics	2	4	4	10
Community Medicine	4	6	-	10
Orthopedics - Including Trauma <sup>3</sup>	2	4	2	8
Otorhinolaryngology	4	4	-	8
Ophthalmology	4	4	-	8
Respiratory Medicine	2	-	-	2
Psychiatry	2	2	-	4
Radio diagnosis <sup>4</sup>	2	-	-	2
Dermatology, Venereology & Leprosy	2	2	2	6
Dentistry & Anaesthesia	-	2	-	2
Casualty	-	2	-	2
	36	42	48	126

### (3) Assessment

#### 1. Eligibility to appear for Professional examinations

The performance in essential components of training are to be assessed, based on:

##### A. Attendance

- Attendance requirements is 75% in theory and practicals /clinical separately for eligibility to appear for the examinations in that subject.
- In subjects that are taught in more than one phase – the student must have 75% attendance in theory and 75% in practical in each phase of instruction in that subject
- If an examination comprises more than one subject (e.g., Surgery and allied branches), the candidate must have 75% attendance in each subject and clinical posting
- Students who do not have minimum 75% attendance in the Foundation Course will not be eligible for the phase I examination**
- Students who do not have minimum 75% attendance in the electives will not be eligible for the phase III - part 2 examination.**

##### B. Internal Assessment

Internal assessment shall be based on day-to-day assessment. It shall relate to different ways in which students participate in learning process including regularity, assignments, preparation for seminars, clinical case presentation (preparation of clinical case for discussion, clinical case study/problem solving exercise) participation in project for health care in the community, proficiency in carrying out a practical or a skill in small research project, written tests etc.

- When subjects are taught in more than one phase – the internal assessment must be done in each phase and must contribute proportionally to final internal assessment.
- The final internal assessment in a broad clinical specialty (e.g., Surgery and allied etc.) shall comprise marks from all the constituent specialties. The proportion of the marks for each constituent specialty shall be determined by the time of instruction allotted to each

### (4) University Examinations

University examinations are to be designed with a view to ascertain whether the candidate has acquired the necessary knowledge, minimum skills, ethical and professional values with clear and appropriately as a physician of first contact. Assessment shall be carried out on an objective basis to the extent possible.



University Examinations shall be held as under:-

**a. First Professional**

- i. The first Professional examination shall be held at the end of Phase 1 training (1 +13 months), in the subjects of Anatomy, Physiology and Biochemistry.
- ii. Maximum number of attempts allowed at the first Professional University examinations will be four; the first Professional course must be completed within 4 years of admission. Partial attendance in an examination in any subject shall be counted as an attempt.

**b. Second Professional**

- i. The second Professional examination shall be held at the end of Phase 2 training (12 months), in the subjects of Pathology, Microbiology, and Pharmacology.

**c. Third Professional**

- i. Part 1 shall be held at end of Phase 3 (Part 1) of training (13 months) in the subjects of Ophthalmology, Oto-rhino-laryngology, Community Medicine and Forensic Medicine and Toxicology
- ii. Third Professional Part II - (Final Professional) shall be at the end of Phase 3 of training (2+13 months) in the subjects of Medicine, Surgery, Obstetrics & Gynecology and Pediatrics.

**(5) Criteria for Passing in a Subject:** A candidate shall obtain 50% marks in University conducted examination separately in Theory and Practical (practical includes: practical/ clinical and viva voce) in order to be declared pass in that subject.

**\* The Above Rules may be modified according to the Graduate Medical Education Regulations to be notified by MCI.**