

**No. D-11011/500/2024-AcademicCell**  
**Government of India**  
**National Medical Commission**  
**(O/o Secretary)**

Sector-8, Dwarka  
New Delhi-110075  
Dated August, 2024

**To,**

**Directors/ Principals/ Deans & HoDs**  
**All Medical Colleges/ Institutions under NMC**

**Subject: Competency Based Medical Education Curriculum (CBME) Guidelines, 2024 - National Medical Commission - reg.**

I invite reference to the Under Graduate Medical Education Board's (UGMEB) Public Notice of even number dated 29-08-2024 (copy enclosed) on the subject mentioned above, wherein the contents of the notice are self explanatory. All the concerned Institutions are requested to strictly adhere to the same.

Encl.: As above

**Signed by B Srinivas**  
**Date: 31-08-2024 07:07:32**

[Dr. (Prof.) B Srinivas]  
Secretary

Copy to:

- i. ACS/ Pr.S/ Secretaries/ Department/s of Medical Education in all States/Union Territories
- ii. PPS to Chairman, NMC
- iii. PPS to President (UGMEB)
- iv. DMMP-I System Integrator- for uploading of NMC Website
- v. Guard File



**No.D-11011/500/2024/AC**  
**the 2024**

**New Delhi, dated**

**Subject: Competency Based Medical Education Curriculum (CBME) Guidelines, 2024 - National Medical Commission.**

Under Graduate Medical Education Board after due deliberations with the Expert Groups and in exercise of powers conferred by the National Medical Commission Act, 2019 particularly by sections 10, 24, 25 and 57 of the NMC Act, publishes the Competency Based Medical Education Guidelines, 2024 along with CBME Competencies Volume-I, II and III.

2. These guidelines will supersede the earlier Guidelines issued by NMC and will be implemented from the MBBS batch of 2024-25 onwards.

**(Shambhu Sharan Kumar)**  
**Director (UGMEB)**

Signed by

Shambhu Sharan Kumar

Date: 29-08-2024 17:04:52

## Annexure 1

### AETCOM Modules teaching and assessment

The tables below show the suggested AETCOM blueprinting for various university papers and for module leader/in-charge for coordinating Module teaching. Each module leader/in-charge should select a multi-subject team and then the module is taught by various members of the team. The module teaching learning activities should be planned and conducted by this team.

Assessment: All internal and University exams must have one question/application based question on AETCOM in each theory paper (5%) and it should be assessed in various components of practical/clinical exams.

| AETCOM Phase I |         |  |
|----------------|---------|--|
| Subject        | Paper   | Module number  |
| Anatomy        | Paper 1 | 1.5  |
|                | Paper 2 | 1.4 foundations of communications  |
| Physiology     | Paper 1 | 1.2  |
|                | Paper 2 | 1.3  |
| Biochemistry   | Paper 1 | 1.1<br>• Enumerate and describe professional qualities and roles of a physician<br>• Describe and discuss commitment to lifelong learning as an important part of physician growth         |
|                | Paper 2 | 1.1<br>• Describe and discuss the role of a physician in health care system<br>• Identify and discuss physician's role and responsibility to society and the community that she/ he serves |

| AETCOM Phase II |         |               |
|-----------------|---------|---------------|
| Subject         | Paper   | Module number |
| Microbiology    | Paper 1 | 2.1           |
|                 | Paper 2 | 2.8           |
| Pharmacology    | Paper 1 | 2.2, 2.3      |
|                 | Paper 2 | 2.5           |
| Pathology       | Paper 1 | 2.4           |
|                 | Paper 2 | 2.7           |

| <b>AETCOM Phase III part I</b> |              |                      |
|--------------------------------|--------------|----------------------|
| <b>Subject</b>                 | <b>Paper</b> | <b>Module number</b> |
| Ophthalmology                  | Single paper | 3.1                  |
| ENT                            | Single paper | 3.3                  |
| Forensic Medicine & Toxicology | Single paper | 3.4                  |
| Community Medicine             | Paper 1      | 3.2                  |
|                                | Paper 2      | 3.5                  |

| <b>AETCOM Phase III part 2</b>            |                          |                   |
|---|--------------------------|-------------------|
| <b>Subject</b>                            | <b>Competency Number</b> | <b>Competency</b> |
| Medicine and Allied Subjects, integration | Paper 1                  | 4.1               |
|   | Paper 2                  | 4.3               |
| Surgery and Allied Subjects,              | Paper 1                  | 4.4               |
|   | Paper 2                  | 4.5, 4.6          |
| Obstetrics and Gynecology                 | Paper 1                  | 4.2, 4.7          |
|   | Paper 2                  | 4.8               |
| Pediatrics                                | Single paper             | 4.9               |

## Annexure 2 Time distribution of MBBS Teaching & Examination Schedule

| Academic calendar for admission batch 2024-2025 |     |     |                           |           |     |     |     |     |                                   |                             |     |     |
|---|-----|-----|---------------------------|-----------|-----|-----|-----|-----|-----------------------------------|-----------------------------|-----|-----|
|   | JAN | FEB | MAR                       | APR       | MAY | JUN | JUL | AUG | SEP                               | OCT                         | NOV | DEC |
| Adm year  |     |     |                           |           |     |     |     |     |                                   | 1<br>14<br>Oct              | 2   | 3   |
| Phase 1 exam                                    | 4   | 5   | 6                         | 7         | 8   | 9   | 10  | 11  | 12<br>Phase 1 exam, result        | 13<br>Phase 2 starts        | 14  | 15  |
| Phase 2 exam                                    | 16  | 17  | 18                        | 19        | 20  | 21  | 22  | 23  | 24<br>Phase 2 exam, result        | 25<br>Phase 3 part 1 starts | 26  | 27  |
| Phase 3 part I exam                             | 28  | 29  | 30                        | 31        | 32  | 33  | 34  | 35  | 36<br>Phase 3 Part 1 exam, result | 37<br>Phase 3 part 2 starts | 38  | 39  |
|   | 40  | 41  | 42                        | 43        | 44  | 45  | 46  | 47  | 48                                | 49                          | 50  | 51  |
| Phase 3 part II exam                            | 52  | 53  | 54<br>Proposed NExT step1 | 1<br>CRMI | 2   | 3   | 4   | 5   | 6                                 | 7                           | 8   | 9   |
| Internship                                      | 10  | 11  | 12<br>Proposed NExT step2 |           |     |     |     |     |                                   |                             |     |     |

### Legends:

CRMI-Compulsory rotating medical internship

### Proposed time distribution of MBBS Teaching & Examination Schedule

| Generic proposed academic calendar from admission batch 2025-2026 onwards |     |                           |           |     |     |     |     |                                   |                             |     |     |     |
|---|-----|---------------------------|-----------|-----|-----|-----|-----|-----------------------------------|-----------------------------|-----|-----|-----|
|   | JAN | FEB                       | MAR       | APR | MAY | JUN | JUL | AUG                               | SEP                         | OCT | NOV | DEC |
| Adm year  |     |                           |           |     |     |     |     |                                   | 1                           | 2   | 3   | 4   |
| Phase 1 exam  | 5   | 6                         | 7         | 8   | 9   | 10  | 11  | 12<br>Phase 1 exam, result        | 13<br>Phase 2 starts        | 14  | 15  | 16  |
| Phase 2 exam  | 17  | 18                        | 19        | 20  | 21  | 22  | 23  | 24<br>Phase 2 exam, result        | 25<br>Phase 3 part 1 starts | 26  | 27  | 28  |
| Phase 3 part I exam   | 29  | 30                        | 31        | 32  | 33  | 34  | 35  | 36<br>Phase 3 Part 1 exam, result | 37<br>Phase 3 part 2 starts | 38  | 39  | 40  |
|   | 41  | 42                        | 43        | 44  | 45  | 46  | 47  | 48                                | 49                          | 50  | 51  | 52  |
| Phase 3 part II exam  | 53  | 54<br>Proposed NExT step1 | 1<br>CRMI | 2   | 3   | 4   | 5   | 6                                 | 7                           | 8   | 9   | 10  |
| Internship  | 11  | 12<br>Proposed NExT step2 |           |     |     |     |     |                                   |                             |     |     |     |

*Legends:*

CRMI-Compulsory rotating medical internship

**Annexure 3****Distribution of subjects in each Professional Phase**

| Phase & year of MBBS training                | Subjects & Teaching Elements   | Duration (months) | University Examination |
|--|--|-------------------|------------------------|
| Phase-I                                      | 1. Foundation course of 2 weeks at start of course<br>2. Anatomy, Physiology & Biochemistry, Introduction to Community Medicine, including Family adoption programme (FAP) through village outreach<br>3. Early Clinical Exposure<br>4. Attitude, Ethics, and communication Module (AETCOM) including Humanities | 12 months         | Phase 1                |
| Phase-II                                     | 1. Pathology, Microbiology, Pharmacology<br>2. Forensic Medicine and Toxicology<br>3. Introduction to clinical subjects<br>4. Clinical postings, Family visits for FAP<br>5. AETCOM  | 12 months         | Phase 2                |
| Phase-III Part-I including Electives 1 month | 1. Community Medicine, Forensic Medicine and Toxicology, Medicine & allied, Surgery & allied, Pediatrics, Obstetrics & Gynecology<br>2. Family visits for FAP<br>3. Oto-rhinolaryngology,<br>4. Ophthalmology<br>5. Clinical postings<br>6. AETCOM<br>7. Electives- 1 month, 2 blocks, 15 days each              | 12 months         | Phase 3 Part 1         |
| Phase-III Part- II, MBBS                     | 1. General Medicine, Dermatology, Psychiatry, Pediatrics, General Surgery, Orthopedics, Radiodiagnosis, Anesthesiology, Obstetrics & Gynecology<br>2. Clinical postings<br>3. AETCOM   | 18 months         | Phase 3 Part II        |

**Annexure 4****Foundation Course- 2 weeks at start of course**

| <b>Subjects/Contents</b>  | <b>Teaching hours</b> |
|---|-----------------------|
| Orientation Module including History of Indian Medicine                                       | 15                    |
| Skills Module   | 15                    |
| Community orientation module  | 5                     |
| Professional Development and Ethics Module (P&E) including Mental health                      | 20                    |
| Enhancement of Language and Computer Skills Module including clinico-laboratory communication | 10                    |
| Sports and Extra curricular Activities  | 15                    |
| <b>Total</b>  | <b>80</b>             |



**Annexure 5****Distribution of Subject Wise Teaching Hours for Phase -1 MBBS**

| <b>Subject</b>                         | <b>Large group teaching</b> | <b>SGT/ Practical/ Tutorials/ Seminars</b> | <b>SDL</b> | <b>Total</b> |
|--|-----------------------------|--|------------|--------------|
| Foundation Course                      |                             |  |            | 80           |
| Anatomy                                | 180                         | 430  | 10         | 620          |
| Physiology                             | 130                         | 305  | 10         | 445          |
| Biochemistry *                         | 82                          | 157  | 10         | 249          |
| Early Clinical Exposure (ECE)**        | -                           | 27   | -          | 27           |
| Community Medicine                     | 20                          | 20   | -          | 40           |
| Family adoption Program (FAP)          | -                           | 24   | -          | 24           |
| (AETCOM)***                            | -                           | 26   | -          | 26           |
| Sports and extra-curricular activities | -                           | -  | -          | 10           |
| <b>Total</b>                           | <b>412</b>                  | <b>989</b>                                 | <b>30</b>  | <b>1521</b>  |

SGT: Small group teaching    SDL: Self-directed learning

\*Including Molecular Biology

\*\*Minimum ECE hours. These hours are to be divided equally by anatomy, physiology & biochemistry.

\*\*\*AETCOM module is a longitudinal programme.

### Distribution of Subject Wise Teaching Hours for Phase-II MBBS

| Subjects                                   | Large group teaching | SGT/ Practicals/ Tutorials/ Seminars | Clinical Postings* | SDL       | Total       |
|--|----------------------|--------------------------------------|--------------------|-----------|-------------|
| Pathology                                  | 80                   | 170                                  | -                  | 10        | 260         |
| Pharmacology                               | 80                   | 170                                  | -                  | 10        | 260         |
| Microbiology                               | 75                   | 143                                  | -                  | 10        | 228         |
| Community Medicine                         | 25                   | 0                                    | 0                  | 10        | 35          |
| FAP  | 0                    | 0                                    | 24                 |           | 24          |
| Forensic Medicine and Toxicology           | 12                   | 25                                   | -                  | 08        | 45          |
| Clinical Subjects                          | 60                   |                                      | 540                | -         | 600         |
| AETCOM                                     | -                    | 29                                   | -                  | 8         | 37          |
| Sports, Yoga & extra-curricular activities | -                    | -                                    | -                  | 32        | 32          |
| <b>Final total</b>                         | <b>332</b>           | <b>537</b>                           | <b>564</b>         | <b>88</b> | <b>1521</b> |

SGT: Small group teaching    SDL: Self-directed learning

*Pl. note: \*Clinical postings shall be for 3 hours per day, Monday to Friday.*

*There will be 15 hours per week for all clinical postings.*

**Distribution of Subject Wise Teaching Hours for MBBS Phase-III part 1.**

| <b>Subject</b>                    | <b>Large group teaching</b> | <b>SGT/ Practicals/ Tutorials/ Seminars</b> | <b>SDL</b> | <b>Total</b> |
|-----------------------------------|-----------------------------|---|------------|--------------|
| Electives                         | 0                           | 156   | 0          | 156          |
| Gen. Medicine                     | 20                          | 30  | 10         | 60           |
| Gen Surgery                       | 20                          | 30  | 10         | 60           |
| Obstetrics & Gynecology           | 20                          | 30  | 10         | 60           |
| *Forensic Medicine and Toxicology | 35                          | 65*   | 20*        | 120          |
| Community Med                     | 50                          | 80  | 20         | 150          |
| FAP (Visits +log book submission) | -                           | 26  | 10         | 36           |
| Otorhinolaryngology (ENT)         | 30                          | 50  | 20         | 100          |
| Ophthalmology                     | 30                          | 50  | 20         | 100          |
| Clinical posting*                 |                             |   |            | 648          |
| AETCOM                            | 0                           | 19  | 12         | 31           |
| <b>Total</b>                      | <b>205</b>                  | <b>536</b>                                  | <b>132</b> | <b>1521</b>  |

\*Out of this, 21 Hours (07 days x 03 hours) must be utilised for demonstration of post mortem examinations

***Pl. note: \*Clinical postings shall be for 3 hours per day, Monday to Saturday.***

***There will be 18 hours per week for all clinical postings.***

**Distribution of Subject wise Teaching Hours for Phase 3 part-2 MBBS**

| <b>Subjects</b>                    | <b>Lectures</b> | <b>SGL</b> | <b>SDL</b> | <b>Total</b> |
|------------------------------------|-----------------|------------|------------|--------------|
| General Medicine                   | 110             | 185        | 40         | 335          |
| General Surgery                    | 90              | 153        | 30         | 273          |
| Obstetrics and Gynecology          | 80              | 150        | 30         | 260          |
| Pediatrics                         | 50              | 70         | 30         | 150          |
| Orthopedics                        | 30              | 50         | 20         | 100          |
| AETCOM                             | 30              | 0          | 22         | 52           |
| Dermatology, Venereology & Leprosy | 13              | 17         | 10         | 40           |
| Psychiatry                         | 13              | 17         | 10         | 40           |
| Radiodiagnosis                     | 8               | 10         | 8          | 26           |
| Anesthesiology                     | 8               | 10         | 8          | 26           |
| Clinical postings*                 |                 |            |            | 1116         |
| <b>TOTAL</b>                       | <b>432</b>      | <b>662</b> | <b>208</b> | <b>2418</b>  |

*Pl. note: \*Clinical postings shall be for 3 hours per day, Monday to Saturday.*

*There will be 18 hours per week for all clinical postings.  
Extra hours may be used for preparation of NExT or SDL.*

**Annexure 6****Clinical Posting Schedules in weeks phase wise**

| <b>Subjects</b>                    | <b>Period of training in weeks</b> |                         |                         | <b>Total Weeks</b> |
|------------------------------------|------------------------------------|-------------------------|-------------------------|--------------------|
|                                    | <b>Phase II</b>                    | <b>Phase III Part 1</b> | <b>Phase III Part 2</b> |                    |
| Electives                          | 0                                  | 4                       | 0                       | 4                  |
| General Medicine                   | 8                                  | 4                       | 12                      | 24                 |
| General Surgery                    | 6                                  | 6                       | 12                      | 24                 |
| Obstetrics & Gynaecology           | 6                                  | 4                       | 12                      | 22                 |
| Pediatrics                         | 4                                  | 2                       | 6                       | 12                 |
| Community Medicine                 | 4                                  | 4                       | 0                       | 8                  |
| Orthopaedics                       | 0                                  | 2                       | 6                       | 8                  |
| Otorhinolaryngology                | 4                                  | 4                       | 0                       | 8                  |
| Ophthalmology                      | 4                                  | 4                       |                         | 8                  |
| Psychiatry                         | 0                                  | 2                       | 4                       | 6                  |
| Radio-diagnosis                    | 0                                  | 0                       | 2                       | 2                  |
| Dermatology, Venereology & Leprosy | 0                                  | 0                       | 6                       | 6                  |
| Anaesthesiology                    | 0                                  | 0                       | 2                       | 2                  |
| <b>Total</b>                       | <b>36</b>                          | <b>36</b>               | <b>62</b>               | <b>134</b>         |

**Annexure 7: Learner- Doctor programme (Clinical Clerkship)**

| <b>Year of Curriculum</b> | <b>Focus of Learner-Doctor programme</b>  |
|---------------------------|---|
| Phase-I                   | Introduction to hospital environment, early clinical exposure, understanding perspectives of illness, family adoption program               |
| Phase-II                  | History taking, physical examination, assessment of change in clinical status, communication and patient education, family adoption program |
| Phase-III<br>Part -1      | All of the above and choice of investigations, basic procedures and continuity of care  |
| Phase-III<br>Part -2      | All of the above (except Family adoption programme) and decision making, management and outcomes  |

### **Annexure 8**

#### **Marks distribution for various subjects for University Annual Examinations**

| <b>Phase of Course</b>                    | <b>Theory</b> | <b>Practicals</b> | <b>Passing criteria</b>  |
|---|---------------|-------------------|--|
| <b>Phase-I MBBS</b>                       |               |                   |  |
| Anatomy- 2 papers                         | Paper 1- 100  | 100               | Mandatory to get 40% marks separately in theory and in practicals; and totally 50% for theory plus practicals. |
|   | Paper 2 -100  |                   |  |
| Physiology- 2 papers                      | Paper 1- 100  | 100               |  |
|   | Paper 2 -100  |                   |  |
| Biochemistry- 2 papers                    | Paper 1- 100  | 100               |  |
|   | Paper 2- 100  |                   |  |
| <b>Phase-II MBBS</b>                      |               |                   |  |
| Pathology - 2 papers                      | Paper 1- 100  | 100               |  |
|   | Paper 2 -100  |                   |  |
| Microbiology- 2 papers                    | Paper 1- 100  | 100               |  |
|   | Paper 2- 100  |                   |  |
|   |               |                   |  |
| Pharmacology- 2 papers                    | Paper 1 -100  | 100               |  |
|   | Paper 2- 100  |                   |  |
| <b>Phase-III MBBS part 1</b>              |               |                   |  |
| Forensic Medicine and Toxicology- 1 paper | Paper 1 – 100 | 100               |  |
| Community Med- 2 papers                   | Paper 1 -100  | 100               |  |
|   | Paper 2- 100  |                   |  |
| Otorhinolaryngology                       | Paper-1 100   | 100               |  |
| Ophthalmology                             | Paper-1 100   | 100               |  |
| <b>Phase-III MBBS part 2</b>              |               |                   |  |
| Medicine & allied                         | Paper 1- 100  | 100               |  |
|   | Paper 2- 100  |                   |  |
| Surgery & allied                          | Paper 1- 100  | 100               |  |
|   | Paper 2- 100  |                   |  |
| Obstetrics and Gynecology                 | Paper 1- 100  | 100               |  |
|   | Paper 2- 100  |                   |  |
| Pediatrics                                | Paper-1 100   | 100               |  |

Medicine & allied Paper-2 to have Medicine 50%, Psychiatry 25% and Dermatology 25% questions.

Surgery & allied Paper-2 to have General Surgery 40%, Orthopedics 40%, Anesthesia 10% and Radiodiagnosis 10%.

**Any further updates as per NEXT regulations.**