



GOVERNEMENT OF TELANGANA
GOVERNMENT MEDICAL COLLEGE, NARAYANPET

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1st MBBS (Phase-I) — 2026-27 BATCH

CBME MASTER ACADEMIC TIMETABLE

(Prepared with reference to NMC Competency Based Medical Education (CBME) Curriculum 2024)

1. Curriculum Basis and Implementation Principles

This master timetable is structured around the NMC CBME Curriculum 2024 dated 12 September 2024. The NMC website lists the 2024 CBME curriculum and an additional clarification dated 10 October 2024. The timetable therefore emphasizes competency-based learning, small-group teaching, practical/DOAP sessions, early clinical exposure (ECE), AETCOM, self-directed learning (SDL), horizontal integration, formative assessment and logbook-based documentation.

NMC curriculum reference: Competency Based Medical Education (CBME) Curriculum 2024, dated 12.09.2024. The official NMC document identifies Phase-I topics/competencies in Anatomy, Physiology and Biochemistry and should be used by departments to map each session to the prescribed competency code.

Component	Total hours
Anatomy	620
Physiology	445
Biochemistry	249
Early Clinical Exposure (ECE)	27
Community Medicine	40
Family Adoption Programme (FAP)	24
AETCOM	26
Foundation Course	80
Sports / ECA	10
Total Phase-I workload	1,521

2. Weekly Master Timetable :

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00–10:00	Anatomy L	Physiology L	Biochemistry L	Anatomy L	Physiology L	Biochemistry L
10:00–11:00	Physiology L	Anatomy L	Anatomy L	Biochemistry L	Anatomy L	Physiology L
11:00–11:15	BREAK					
11:15–12:15	Biochemistry L	Anatomy SGT	Physiology SGT	Physiology L	Biochemistry SGT	Anatomy SGT
12:15–13:15	IT / Integration	SDL / Tutorial	AETCOM / ECE	SDL / Tutorial	IT / Integration	CM / FAP
13:15–14:00	LUNCH					
14:00–16:00	Anatomy DIS/PR	Physiology PR/DOAP	Anatomy DIS/HISTO	Biochemistry PR/DOAP	Anatomy PR/DIS	SL / Integrated PR
16:00–17:00	SGT / SDL	ECE / Skill Lab	Tutorial / Remedial	FAP / CM	AETCOM / SDL	Sports / ECA

***Note: This is a tentative timetable for 1st MBBS students and is subject to change from time to time based on departmental requirements and academic purposes.

2. Timetable Codes:

Code	Meaning	Code	Meaning
L	Interactive / large-group teaching	SL	Skill Lab
SGT	Small Group Teaching	FA	Formative Assessment
PR	Practical	IA	Internal Assessment
DOAP	Demonstrate–Observe–Assist–Perform	REV	Revision / Remedial Teaching
DIS	Dissection	ECA	Sports / Extra-curricular activity
HISTO	Histology		
SDL	Self-Directed Learning		
ECE	Early Clinical Exposure		
AETCOM	Attitude, Ethics & Communication		
IT	Integrated Teaching		
FAP	Family Adoption Programme		
CM	Community Medicine		

4. Month-wise Master Academic Plan:

Month	Anatomy focus	Physiology focus	Biochemistry focus	CM/FAP	ECE / AETCOM	Assessment
1	General anatomy; upper limb; histology introduction	General physiology ; blood	Cell biology; biomolecules	Introduction to community medicine	Orientation to clinical environment; professionalism	Baseline/formative
2	Thorax	Nerve-muscle; cardiovascular system	Enzymes; bioenergetics	Health, disease and prevention	CVS correlation; communication	Formative
3	Abdomen	Respiratory system	Carbohydrate metabolism	Epidemiology basics	Respiratory/abdomen correlation; consent	Formative/SGT
4	Pelvis and perineum	Renal physiology	Lipid metabolism	Screening and prevention	Renal/metabolic correlation; confidentiality	IA-I + remedial
5	Lower limb	Gastrointestinal physiology	Protein metabolism	Nutrition and health	GIT correlation; ethics	Formative
6	Head and neck	Endocrine physiology	Molecular biology/genetics	Maternal and child health	Endocrine correlation; professional conduct	Formative
7	Neuroanatomy	CNS physiology	Genetics and clinical biochemistry	Communicable diseases	Neurology correlation; teamwork	Formative
8	Neuroanatomy; special senses	Special senses	Integrated metabolism	Non-communicable diseases	Neurology/ophthalmology correlation; patient-centred care	PCT/FA
9	Embryology; reproductive anatomy	Reproductive physiology	Nutrition/metabolism	Community diagnosis	Reproductive health; AETCOM communication	IA-II + remedial
10	Histology consolidation; regional revision	Integrated physiology	Integrated biochemistry	FAP consolidation	Integrated ECE; ethics revision	Formative
11	Complete subject revision	Complete subject revision	Complete subject revision	FAP completion	Integrated ECE completion	Pre-University Exam
12	Final revision	Final revision	Final revision	Documentation/field consolidation	AETCOM completion; ECE logbook closure	University examination

5. Department-wise Teaching-Learning Master Table:

Department / Component	L / Theory	Practical / SGT / Integrated	SDL	Longitudinal / Special component	Documentation
Anatomy	Scheduled throughout Phase-I	Dissection, histology, osteology, radiology, surface anatomy, SGT	Dedicated SDL sessions	ECE and horizontal integration	Attendance + logbook + competency mapping
Physiology	Scheduled throughout Phase-I	Practical, clinical physiology, DOAP, SGT	Dedicated SDL sessions	ECE and horizontal integration	Practical record + logbook
Biochemistry	Scheduled throughout Phase-I	Laboratory practical, clinical biochemistry, DOAP, SGT	Dedicated SDL sessions	ECE and horizontal integration	Practical record + logbook
Community Medicine	Introductory sessions	SGT / field-based activities	As scheduled	FAP + community exposure	FAP records + attendance
ECE	—	Clinical correlation sessions	—	Longitudinal from early phase	ECE logbook
AETCOM	—	Case discussion, role play, reflection, SGT	—	Longitudinal	AETCOM logbook/reflection
Skill Lab	—	DOAP / simulation / procedural skills	—	Scheduled longitudinally	Skill logbook
Integrated Teaching	—	Horizontal integration of Anatomy, Physiology & Biochemistry with clinical correlation	—	At least one protected session periodically	Integrated session record
Assessment	—	Theory, practical, OSPE/OSCE/SGT-based assessment as applicable	—	Formative + IA + pre-university	Assessment record

6. Suggested Horizontal Integration Sessions:

Theme	Anatomy	Physiology	Biochemistry	Clinical correlation
Anemia	Bone marrow; vessels	RBC physiology	Haemoglobin/iron metabolism	Medicine
Diabetes mellitus	Pancreas	Insulin physiology	Glucose metabolism	Medicine
Jaundice	Liver/biliary system	Bile physiology	Bilirubin metabolism	Medicine

Thyroid disorders	Thyroid anatomy	Thyroid physiology	Thyroid-related biochemistry	Medicine
Hypertension	Heart/vessels	BP regulation	Metabolic risk factors	Medicine
Renal disease	Kidney	Renal physiology	Renal function tests	Medicine
Myocardial infarction	Coronary anatomy	CVS physiology	Cardiac biomarkers	Medicine
Stroke	Neuroanatomy	CNS physiology	Metabolic factors	Neurology
Pregnancy	Pelvis/reproductive anatomy	Reproductive physiology	Nutrition/metabolism	OBG

7. Assessment and Examination Timetable:

Stage	Tentative timing	Components	Action after assessment
Baseline / formative	November 2026	Diagnostic assessment / feedback	Identify learning gaps
Internal Assessment-I	January 2027	Theory + practical/clinical component as applicable	Result analysis + remedial teaching
Continuous formative assessment	Throughout the year	SGT, practicals, logbook, OSPE/OSCE/competency-based activities as applicable	Feedback and remediation
Internal Assessment-II	June 2027	Theory + practical/clinical component as applicable	Result analysis + remedial teaching
Pre-University Examination	July/ August 2027	Theory + practical/clinical examination	Eligibility/revision planning
University Examination	August/ September 2027	As per university/NMC	Phase-I completion

8. Batch / Small-Group Rotation for 50 Students

Group	Approx. students	Primary use
A	1-16	Practical / SGT / DOAP / SDL / skill sessions
B	17-33	Practical / SGT / DOAP / SDL / skill sessions
C	34-50	Practical / SGT / DOAP / SDL / skill sessions

9. CBME Implementation and NMC Documentation Checklist

- ❖ Every teaching session mapped to the relevant NMC topic/competency wherever applicable.
- ❖ Departmental lesson plans prepared before the start of each block/month.
- ❖ Attendance maintained for theory, practical, SGT, ECE, AETCOM and other scheduled activities.
- ❖ Student logbooks maintained and periodically verified by faculty.
- ❖ Practical/DOAP and skill competencies documented as completed/observed/assisted/performed as applicable.
- ❖ AETCOM sessions documented with participation/reflection where applicable.
- ❖ FAP activities documented by Community Medicine with family/field records.
- ❖ Integrated teaching sessions recorded with participating departments and learning objectives.
- ❖ Formative assessment results analysed and remedial teaching documented.
- ❖ Internal assessment results, attendance and eligibility records maintained.
- ❖ Academic calendar reviewed monthly by the Academic Committee and deviations recorded with corrective action.

10. Important Administrative Note

- ❖ The exact dates of commencement, holidays, university examinations and local institutional events shall be aligned with the KNRUHS/NMC calendar and Government of Telangana orders applicable to the batch.
- ❖ The timetable is a master academic framework. Departments will prepare a competency-level lesson plans and practical rotation schedules from it.
- ❖ Internal assessment dates will be notified sufficiently in advance and coordinated across departments.
- ❖ Attendance and eligibility shall be maintained as per the applicable NMC and university regulations/orders.

Verified By

Dr K. Kiran Prakash

Vice-Principal.

Approved By

Dr K. Sampath Kumar Singh

Principal