

MEDICAL COLLEGE & HOSPITAL
INFRASTRUCTURE FACILITIES AVAILABLE FOR 150 MBBS SEATS

COLLEGE DEPARTMENTS:

S. No.	Area	Anatomy		Physiology		Biochemistry		Pathology		Microbiology		Pharmacology		Forensic Medicine		Community Medicine	
		No	Area (Sq.m)	No	Area (Sq.m)	No	Area (Sq.m)	No	Area (Sq.m)	No	Area (Sq.m)	No	Area (Sq.m)	No	Area (Sq.m)	No	Area (Sq.m)
1	HOD Room	1	30	1	30	1	23	1	22	1	25	1	24	1	24	1	22
2	Assoc. Prof. Room	1	30	1	30	1	22	3	22	1	23	1	22.4	1	22	2	22
3	Asst. Prof. Room	1	30	1	30	1	22	2	22	2	23	2	22.4	1	22	1	22
4	Tutors/Demonstrator Room	1	15	1	30	1	22	3	22	2	23	2	22.4	1	22	2	15
5	Dept Office cum Clerical Room	1	15	1	30	1	12	1	12	1	12	1	12	1	22	1	12
6	Non Teaching Staff Room	1	12	1	30	1	12	1	12	1	12	1	12	1	22	1	15
7	Departmental Library cum Seminar Room	1	40	1	61	1	30	1	46	1	68	1	30	1	50	1	56.4
8	Demonstration Room	2	69.12	1	69.12	1	69	1	60	1	65.3	1	66.4	1	50	1	71
9	Practical Lab	2	393(DH)+ 246(HL)	4	200(AL)+ 94(ML)+ 246(HL)+ 103(CPL)	1	246	2	246+246	1	208(PL) 289(SL)	2	207(EPL) + 246(CPL)	2	200	1	208
10	Museum	1	205	-	-	-	-	1	96	1	81	1	125	1	75	1	125
11	Departmental Research Lab	1	61	1	61	1	50	1	50	1	50	1	66	1	50	1	50

Other facilities in Pre and Para Clinical Departments Available:

1. Anatomy

- a. Demonstration Room (69.12sq.mt.)
 - i. Over Head Projector
 - ii. Slide Projector
 - iii. Television, Video and Other Audiovisual Aids
 - iv. Strip chairs for 75-100 Students
- b. Dissection Hall (393.20sq.mt.)
 - i. Exhaust fans and preferably Central A/C.
 - ii. Ante Room with 100 Lockers, 10 Wash Basins
 - iii. Technical Aids.
 - iv. Embalming Room – 12sq.mt.
 - v. Space for Storage tanks – 18+5 Sq.mtrs
 - vi. Cold Storage Room / Cooling Cabinets for 15-18 Dead Bodies.
 - vii. Revolving Stools for 150 Students

- c. Histology Lab (246sq.mt.)
 - i. Benches fitted with Water Taps, Sinks, Cupboards and Electric Points for 60 Students
 - ii. Preparation Room – 18 sq.mt.
 - iii. Revolving Stools for 150 Students
- d. Museum (205sq.mt.)
 - i. Storage Racks and Shelves
 - ii. Wet Specimens
 - iii. Dry Specimens
 - iv. Embryological Sections
 - v. Models
 - vi. Revolving Stands for CT, MRI Films
 - vii. Trolley tables
 - viii. 3-Multistand X-Ray View Box for 4Films
 - ix. Revolving Stools for 25 Students.
 - x. 2-Preparation Rooms (15sq.mt.each)
 - xi. 3 view boxes for 150 students.
- e. Departmental Library cum Seminar Hall (40sq.mt.) – 201 book
- f. Research Laboratory (61 sq.mt.)

2. Physiology

- a. Demonstration Room (69.12sq.mt.)
 - i. Over Head Projector
 - ii. Slide Projector
 - iii. Television, Video and Other Audiovisual Aids
 - iv. Strip chairs for 75-100 Students
- b. Amphibian Laboratory (200sq.mt.)
 - i. Continuous working tables.
 - ii. Preferably Stainless wash basin for each student
 - iii. Electric point with fire / steam proof top, Drawer, Cupboard for each table.
 - iv. Revolving Stools for 60 Students.
 - v. Preparation Room – 14sq.mt.
- c. Mammalian Laboratory (80sq.mt.)
 - i. 4 Tables (2x0.6m) stainless steel top and operating Light
 - ii. 2 – Stainless steel Large Wash basin

May be Attached

- iii. Instrument Rack.
 - iv. Cupboards.
 - v. Revolving Stools for 60 Students.
 - vi. Preparation Room – 14sq.mt.
 - d. Haematology Laboratory (246sq.mt.)
 - i. Continuous working Tables.
 - ii. Stainless Steel Wash basin for each Student.
 - iii. Electric point with fire / steam proof top, light, Drawer, Cupboard for each table.
 - iv. Revolving Stools for 60 Students.
 - v. Preparation Room – 14sq.mt.
 - e. Clinical Physiology Laboratory (90sq.mt.)
 - i. 10 Tables (0.8m height) with Mattress and adjustable hand end.
 - ii. Revolving Stools for 60 Students.
 - f. Departmental Library cum Seminar Hall (30sq.mt.) – 147 Books
 - g. Research Laboratory (61sq.mt.)
- 3. Biochemistry**
- a. Demonstration Room (69sq.mt.)
 - i. Over Head Projector
 - ii. Slide Projector
 - iii. Television, Video and Other Audiovisual Aids
 - iv. Strip chairs for 75-100 Students
 - b. Practical Lab (246sq.mt.)
 - i. Benches fitted with Shelves, Cupboards, water taps, sinks, electric and gas connections.
 - ii. Revolving Stools for 60 Students.
 - iii. 2 – Ante Rooms (14 sq.mt. each)
 - iv. Preparation Room – 14
 - c. Departmental Library cum Seminar Hall (30sq.mt.) – 125 book
 - d. Research Laboratory (50sq.mt.)
- 4. Pathology**
- a. Demonstration Room (60sq.mt.)
 - i. Over Head Projector
 - ii. Slide Projector
 - iii. Television, Video and Other Audiovisual Aids
 - iv. Strip chairs for 75-100 Students
 - b. Practical lab for Morbid Anatomy / Histopathology / Cytopathology (246sq.mt.)
 - i. Preparation Room (14sq.mt.)
 - ii. Benches fitted with Shelves, Cupboards, Sinks, Water Taps, Lights and Burners
 - iii. Revolving Stools for 60 Students
 - c. Practical lab for Clinical Pathology / Haematology (246sq.mt.)
 - i. Preparation Room (15sq.mt.)
 - ii. Benches fitted with Shelves, Cupboards, Sinks, Water Taps, Lights and Burners
 - iii. Revolving Stools for 60 Students
 - d. Histopathology Service Laboratory (30sq.mt.)
 - e. Cytopathology Service Laboratory (30sq.mt.)
 - f. Haematology Service Laboratory (30sq.mt.)
 - g. Service lab for any special work (30sq.mt.)
 - h. Balance Room (14sq.mt.)
 - i. Store Room (14sq.mt.)
 - j. High Speed Centrifuge Machine Room (14sq.mt.)

k. Wash Room with continuous water supply (14sq.mt.)

l. Museum (96sq.mt.)

i. Specimens

ii. Charts.

iii. Models.

iv. Revolving Stools for 25 Students.

v. 15 Copies of Catalogues.

vi. Ante Room.

m. Mortuary and Autopsy Block (400sq.mt.)

i. Cold storage

ii. 2 - Autopsy Tables.

iii. Washing facilities.

iv. Revolving Stools for 30 to 40 Students.

v. Waiting Hall

vi. Office.

vii. Ante Rooms.

n. Departmental Library cum Seminar Hall (30sq.mt.) - 80 to 100 Books

o. Research Laboratory (50sq.mt.)

p. Blood Bank (296.82sq.mt.)

i. Registration and Medical Examination Room

ii. Donor Selection Room

iii. Blood Collection Room

iv. Laboratory for Blood Group Serology.

v. Laboratory for Transmissible Diseases Investigations.

vi. Sterilization and Washing Room.

vii. Refreshment Room

viii. Store and Records Room.

5. Microbiology

a. Demonstration Room (65.3sq.mt.)

i. Over Head Projector

ii. Slide Projector

iii. Television, Video and Other Audiovisual Aids

iv. Strip chairs for 75-100 Students

b. Practical Laboratory (208sq.mt.)

i. Benches fitted with Shelves, Cupboards, Sinks, Water Taps, Lights, Gas, Burners and

Electric Points.

ii. Preparation Room (14sq.mt.)

iii. Revolving Stools for 60 students

c. Bacteriology Service Laboratory (35sq.mt.)

d. Serology Service Laboratory (35sq.mt.)

e. Virology Service Laboratory (35sq.mt.)

f. Parasitology Service Laboratory (35sq.mt.)

g. Mycology Service Laboratory (35sq.mt.)

h. Tuberculosis Service Laboratory (35sq.mt.)

i. Immunology Service Laboratory (35sq.mt.)

j. Media Preparation and Storage Room (20sq.mt.)

k. Autoclaving Room (12sq.mt.)

l. Washing and Drying Room with continuous water supply (12sq.mt.)

m. Museum (81sq.mt.)

- i. Specimens.
- ii. Charts.
- iii. Models.
- iv. Revolving Stools for 25 students.
- v. 15 Copies of Catalogues.
- n. Departmental Library cum Seminar Hall (68sq.mt.) – 123 Books
- o. Research Laboratory (50sq.mt.)

6. Pharmacology

- a. Demonstration Room (66.4 sq.mt.)

- i. Over Head Projector

- ii. Slide Projector

- iii. Television, Video and Other Audiovisual Aids

- iv. Strip chairs for 75-100 Students

- b. Experimental Pharmacology (207 sq.mt.)

- i. Ante Room (14sq.mt.)

- ii. Revolving Stools for 75-100 Students

- c. Clinical Pharmacology and Pharmacy (246 sq.mt.)

- i. Ante Room (14sq.mt.)

- ii. Preparation Room

- iii. Revolving Stools for 75-100 Students

- d. Museum (125sq.mt.)

- i. Specimens.

- ii. Charts

- iii. Models

- iv. History of Medicine Section

- v. Revolving Stools for 25 Students

- vi. 15 Copies of Catalogues.

- e. Research Laboratory (50sq.mt.)

- f. Departmental Library cum Seminar Hall (30sq.mt.) – 80 to 100 Books

7. Forensic Medicine and Toxicology

- a. Demonstration Room (60sq.mt.)

- i. Over Head Projector

- ii. Slide Projector

- iii. Television, Video and Other Audiovisual Aids

- iv. Strip chairs for 75-100 Students

- b. Museum (175sq.mt.)

- i. Specimens

- ii. Charts

- iii. Models

- iv. Prototype fire arms

- v. Wax Models

- vi. Slides

- vii. Poisons

- viii. Photographs

- ix. Revolving Stools for 40-50 Students

- x. 15 Copies of Catalogues.

- c. Practical Lab (200sq.mt.)

- d. Mortuary and Autopsy Block (437sq.mt.-MOU with Govt. Hospital, Sangareddy)

- i. Cold storage

- 8. Community Medicine**
- ii. 2 - Autopsy Tables.
 - iii. Washing facilities.
 - iv. Revolving Stools for 20 to 25 Students.
 - v. Waiting Hall
 - vi. Office.
 - vii. Ante Rooms.
 - e. Research Laboratory (50sq.mt.)
 - f. Departmental Library cum Seminar Hall (50sq.mt.) – 122 Books

- a. Demonstration Room (71sq.mt.)
 - i. Over Head Projector
 - ii. Slide Projector
 - iii. Television, Video and Other Audiovisual Aids
 - iv. Strip chairs for 75-100 Students
- b. Practical Laboratory (208sq.mt.)
- c. Museum (125sq.mt.)
 - i. Models
 - ii. Charts
 - iii. Specimens
 - iv. Other Exhibits related Communicable Diseases, Family Welfare Programs, National Health Programs, Biostatistics, Sociology and Environmental Sanitation etc.
- d. Research Laboratory (50sq.mt.)
- e. Departmental Library cum Seminar Hall (56.4sq.mt.) – 122 Books
- f. Statistician cum Lecturer Room (12sq.mt.)
- g. Epidemiologist cum Lecturer Room (12sq.mt.)
- h. Primary Health Center
- i. Located within 30Km Distance / 1hour commuting distance from Medical College
- ii. Residential Facilities for Boys and Girls with messing facilities.
- iii. Adequate Transport Facilities.
- i. Urban Health Center
- i. Located at Sangareddy with in 6 km distance
- ii. Adequate Transport Facilities.

MEDICAL COLLEGE & HOSPITAL
INFRASTRUCTURE FACILITIES AVAILABLE FOR 150 MBBS SEATS

HOSPITAL DEPARTMENTS:

Area in Sq. Mt.

S. No.	Area	General Surgery		General Medicine		OBG		ENT		DVL		TB & CHEST		PAEDIATRICS		Radiology		Anesthesia		Orthopaedics		Psychiatry		Ophthalmology	
		No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (sq.mt.)	No	Area (Sqmt)
1.	HOD Room	1	30	1	30	1	30	1	30	1	30	1	30	1	30	1	30	1	30	1	30	1	30	1	30
2.	Assoc. Prof. Room	4	30(2)	4	30(2)	2	30(1)	1	30(1)	1	30(1)	1	30(1)	2	30(1)	2	30(1)	3	30(2)	2	30(1)	1	30(1)	1	15(1)
3.	Asst. Prof. Room	7	30 (2)	7	30(2)	3	30(1)	1	30(1)	1	30(1)	1	30(1)	3	30(2)	2	30(1)	5	30(2)	3	30(2)	1	15(1)	1	15(1)
4.	Sr. Residents Room	4	30(1)	4	30(1)	2	30(1)	1	15(1)	1	15(1)	1	15(1)	2	15(1)	3	30(2)	4	30(2)	2	30(1)	1	15(1)	1	15(1)
5.	Non Teaching Staff room	1	12	1	12	1	12	1	12	1	12	1	12	1	12	1	12	1	12	1	12	1	12	1	12
6.	Clinical Room Demonstration	1	60	1	60	1	60	1	65	1	61	1	60	1	61	1	60	1	60	1	60	1	30	1	30
7.	Library cum Seminar Room	1	61	1	61	1	50	1	61	1	30	1	60	1	30	1	30	1	30	1	30	1	30	1	30
8.	Practical Lab/Ward Lab Side	4	18	4	18	2	18	1	18	1	18	1	18	2	18	--	--	--	--	2	18	-	-	-	-

General infrastructure in Hospital

1.	Dean Room	-	36sq.mt.
2.	Medical Superintendent's Room	-	36sq.mt.
3.	Nursing Superintendent's Room	-	36sq.mt.
4.	Administrative Office	-	150sq.mt.
5.	Visitor's Lounge	-	300sq.mt.
6.	Enquiry Office	-	50sq.mt.
7.	Reception area	-	400sq.mt.
8.	Central Hospital Store Rooms	-	500sq.mt.
9.	Central Medical Record Section	-	250sq.mt.
10.	Linen Rooms	-	500sq.mt.
11.	Hospital and Staff Committee Room	-	80sq.mt.
12.	Lecture Hall (150 seating capacity)	-	330sq.mt.
13.	Central Registration and Statistics Department	-	200sq.mt.
14.	Central Laboratory	-	100sq.mt.
15.	Central Casualty Department	-	150sq.mt.
16.	Central Hospital Pharmacy	-	100sq.mt.
17.	Central Kitchen	-	200sq.mt.
18.	Incinerating Plant	-	40sq.mt.
19.	College Council Room	-	80 sq. mtrs
20.	Common Room for Boys	-	150 Sq.mtrs
21.	Cafeteria	-	300 sq.mtrs
22.	Common Room for Girls	-	150 sq.mtrs
23.	Central Casualty department	-	
	a. ICU	-	5 beds
	b. ICU	-	5 beds
	c. PICU/NICU	-	5 beds
	d. SICU	-	5 beds
	• Accommodation for Resuscitation services, Oxygen supply		
	Ventilation, emergency trolleys, X-Ray Investigation facilities		
	And OT etc.		
	• Adequate sanitary arrangement, toilets & bathrooms and drinking		
	Water facilities. Etc.		
24.	Ward Infrastructure		
a.	Nursing Station (Nurses Duty Room)	-	20sq.mt.
b.	Examination cum Treatment Room	-	15sq.mt.
c.	Ward Pantry	-	15sq.mt.
d.	Ward side Laboratory	-	15sq.mt.
e.	Store Room	-	15sq.mt.
f.	Resident Doctor Room	-	20sq.mt.
g.	Clinical Demonstration room	-	30sq.mt.
h.	Office for HOD/HOU	-	20sq.mt.
i.	Room for other Staff	-	20sq.mt.
25.	Operation Theatre Unit		
a.	Waiting Room	-	15sq.mt.
b.	Pre-Anaesthetic (Preparation) Room	-	15sq.mt.
c.	Operation Theatre	-	75sq.mt.
d.	Post-Operative Recovery Room	-	30sq.mt.
e.	Linen Room	-	15sq.mt.
f.	Instrument Room	-	15sq.mt.
g.	Sterilization Room	-	15sq.mt.
h.	Nurses Room	-	20sq.mt.
i.	Surgeon's and Anaesthetist Room (2-M&F)	-	15sq.mt. each
j.	Assistant Room	-	20sq.mt.
k.	Observation Gallery	-	60sq.mt.
l.	Store Room	-	15sq.mt.

m.	Anaesthetist and Surgeon Washing Room-	10sq.mt.
n.	Students Washing and Dressing Room.	10sq.mt.
o.	Dressing Up Room	10sq.mt.
p.	Central Sterilization Unit	10sq.mt.
q.	Laundry	10sq.mt.

26. Nursery Room

a.	Waiting Room for Patients	15sq.mt.
b.	Preparation Room	15sq.mt.
c.	Labour Room	100sq.mt.
d.	Postpartum Recovery Room	75sq.mt.
e.	Soiled Linen Room	15sq.mt.
f.	Instrument Room	15sq.mt.
g.	Sterilization Room	15sq.mt.
h.	Nurses Room	20sq.mt.
i.	Surgeon's and Anaesthetist Room	20sq.mt.
j.	Assistant Room	20sq.mt.
k.	Observation Gallery	30sq.mt.
l.	Store Room	15sq.mt.
m.	Washing Room	10sq.mt.
n.	Dressing Up Room	10sq.mt.
o.	Eclampsia Room	75sq.mt.
p.	Laundry	10sq.mt.

28. Postpartum Room

29. OUT PATIENT DEPARTMENT

- Waiting Room for Patients.
- Enquiry cum Record Room.
- Examination Rooms (4 Cubicle for each Department)
- Dispensary.
- Surgery

- Dressing Room for Men.
- Dressing Room for Women.
- OP Minor Operation Theatre

f. Ophthalmology

- Refraction Room.
- Dark rooms
- Dressing Rooms.
- Orthopaedics
- Dressing Room (Male& Female)
- Plaster Room.
- Plaster Cutting Room.

v. ENT

- Audiometry Room.
- ENG Lab.
- Speech Therapy Room

vi. Paediatrics

- Child Welfare (including Immunization) Clinic
- Child Guidance Clinic
- Child Rehabilitation Clinic.

vii. Medicine

- Injection room (Male and Female)
- ECG Room

viii. OBG

- Antenatal Clinic.
- Sterility Clinic.
- Family Welfare Clinic.

ix. Radiology

4. Cancer Detection Clinic.
5. Fertility Clinic
1. Room for 300mA, 500mA, 800mA, 11.T.V System, Fluoroscopy system - 36sq.m
2. Ultra sound room - 15sq.mt.
3. Room for 60mA Mobile X-Ray System - 15sq.mt.
4. Accommodation for CT Scan System

- a. Examination Room -
 - b. Control Room -
 - c. Computer Room -
- 80sq.mt.

5. Room for MRI System -
6. Store Room for X-Ray System - 25sq.mt.
7. Museum - 25sq.mt.
8. Waiting Room for Patients - 40sq.mt.
9. Enquiry Office -
10. HOD Office Room -
11. Professor Room - 18sq.mt.
12. Associate Professor Room - 15sq.mt.
13. Assistant Professor Room - 15sq.mt.
14. Residents Room - 20sq.mt.
15. Clinical Demonstration Room - 20sq.mt.

x. Anesthesiology

1. HOD Room -
2. Professor Room - 18sq.mt.
3. Associate Professor Room - 15sq.mt.
4. Assistant Professor Room - 20sq.mt.
5. Residents Room - 15sq.mt.
6. Demonstration Room - 30sq.mt.
7. Clinical Demonstration Room - 30sq.mt.
8. Library cum Seminar room - 30sq.mt.

xi. Ophthalmology

1. Out patient Department
2. Common equipment room
3. Major Operation Theatre

xii. Psychiatry

1. Electro Convulsive Therapy room
2. Drug dependence room
3. Psychological test equipment room
4. EEG monitoring room

xiii. Central Hospital Pharmacy:

1. Dispensary : - 2000sq.mt
2. Refrigerators - 2
3. Tables - 10
4. Chairs - 15
5. Computers - 05
6. Charis - 05
7. File cabinets - 02
8. Text book racks - 02
9. Computer tables - 05

xiv. Teaching Hospital:

1. Lift for the patients
2. Ramp for fire protective services and for handicapped persons
3. Electric generator
4. Play area for TV, Music, Books etc for pediatric

xv. Clinical Department-Indoor in each department:

xvi. Central Hospital stores for stocking & supply of drugs and equipment etc.

1. Accommodation for patients
2. Nursing duty room/nursing station
3. Examination and treatment room
4. Store room for linen and other equipment
5. Doctors duty room
6. Clinical demonstration room.

- Bio-medical Waste management – MOU with Dharmma & CO
- Auditorium – available
- Play ground – available
- Pollution control – Govt of Telangana