

Sl. no	Name of the facility	NMC Requirements			Institution Availability		
		Total Area	Capacity	Number	Area	Capacity	Number
1.	Lecture Theatres (Gallery Type)						
	1. Medical college	-	180	4	-	200	5
	2. Hospital	-	350	1	-	350	1
2.	Auditorium / Examination hall	1200 sq.m	250	2	1200 sq.m	750	1
						250	1
3.	Central Library	2400 sq.m	300	1	2400 sq.m	325	1
4.	Laboratories	1350 sq.m (225sq.m ×6)	-	6	2760 sq.m (230sq.m ×12)	-	12
		180 sq.m (90sq.m ×2)	-	2	360 sq.m (90sq.m ×4)	-	4


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List of Labs and Equipments

Name of the Department	Size	Major Equipment
Anatomy	756.31Sq.Mts	1. Microscope 2. Binocular microscope 3. Cold storage 4. Meat cutting machine 5. Hot air oven 6. Incubator 7. Slide warming table 8. Hot plate 9. Water bath 10. Slide projector 11. OHP projector 12. Bone cutting machine 13. Refrigerator
Physiology	421.57 Sqm	1. Heart Rate Variability 2. Auditory Evoked potential 3. Visual Evoked potential 4. Nerve conduction study 5. P300 6. Body Fat Analyzer 7. Treadmill 8. Reaction Time Apparatus 9. Pulmonary function test 10. ECG
Biochemistry	218.31Sq.m	1. Biolis50i 2. Turbochem prime 3. Chemwell 4. Advia CenturXP 5. Turbolyte 6. Rapidchem 744 7. ABL80 8. Mispal2 9. Microlab300 10. Centrifuge 11. Binocular microscope 12. Centrifuge 13. Colorimeter 14. Constant temperature water bath 15. Electronic weighing balance

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		<ol style="list-style-type: none">16. Electrophoretic chamber with power pack17. Heating mantle18. Hot air oven19. Incubator20. Monocular microscope21. pH meter22. Physical Balance23. Single Distillation plant – Steel24. Slide projector25. Spectrophotometer26. Triple beam balance27. Water Bath (Double wall type)28. Water Bath (Single wall type)29. Magnetic Stirrer30. Spectroscope31. Flame photometer (with compressor)32. Over Head Projector33. Micropipettes34. Refrigerators35. Thermometers 0 - 250° C36. Thermometers 0 - 110° C37. Centrifuge38. pH Meter39. Electrophoretic apparatus40. Electronic Balance41. VDRL Shaker42. Micropipettes43. Water Bath44. Magnetic stirrer45. Microscope46. Spectrophotometer47. Colorimeter48. ELISA Reader
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Pathology	442.24Sqm	<ol style="list-style-type: none"> 1. Tissue Processor 2. Cryostat 3. Embedding Work Station 4. Cytospin 5. Penta Head Microscope 6. Deca Head Microscope 7. Immunofluorescence Microscope 8. Microtome 9. Automated Elisa 10. Platelet Agitator Incubator 11. Cryobath(Cryoquick) 12. Refrigerated Centrifuge 13. Centrifuge 14. Gel card warmer & Centrifuge 15. Deep freezer (-80°C) 16. Deep freezer (-40 °C) 17. Cell counter- Fully Automated 18. Urine analyser – Clinitek status + (strip reader) 19. Coagulation analyser – fully automated
Microbiology	247.17 sqm	<ol style="list-style-type: none"> 1. Automated Elisa 2. Elisa Reader 3. Elisa Washer 4. Bio safety cabinet (type2A2) 5. Centrifuge 6. VDRL Shaker/rotator 7. Incubator 8. Binocular Microscope 9. Electric loop steriliser 10. Micropipette- 11. Bio safety cabinet (type2 B2) 12. PCR Hood 13. Cooling centrifuge 14. Mini centrifuge 15. Strip/plate centrifuge 16. RT-PCR thermal cycler (Bio-rad) 17. Deep freezer (-20) 18. Deep freezer (-80) 19. RT-PCR-truelab uno (Molbio) 20. Automated extractor-trueprep auto (molbio) 21. Micropipette 22. Bio safety cabinet (type2 B2)

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		23. Inoculation hood 24. Incubator 25. BOD incubator 26. Autoclave 27. Electrical balance 28. Laminar air flow cabinet 29. Bacterial colony counter 30. Hot air oven 31. Water bath 32. Centrifuge 33. Microscope (Binocular) 34. Microscope (Binocular) 35. Microscope (Monocular) 36. Dark ground microscope 37. Fluorescent microscope 38. Phase contrast microscope 39. Microscope with camera
Pharmacology	450.76Sqmt	1. Mice oral gavage needle 3 2. Rat oral gavage needle 3. Bull dog clamp 4. Elevated plus maze 5. Animal weighing balance 6. Salt weighing balance 7. Tail flick analgesiometer 8. Rota rod apparatus 9. Water bath 10. Electro – convulsiometer 11. Ph meter 12. Pole climbing apparatus 13. Photoactometer 14. Kymograph 15. Water Bath for bioassay 16. Marriott’s bottle 17. Freezer 18. Frontal lever 19. Physical weighing balance with weight (1-100g) 20. Eddy’s hot plate 21. Hole board apparatus 22. Light /Dark box 23. Open field activity apparatus 24. Centrifuge 25. Stethoscope 26. Manual sphygmomanometers

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Forensic Medicine	212 sqm	<ol style="list-style-type: none"> 1. Anthropometric Set 2. Digital pH Meter 3. Digital Spectrophotometer 4. Chemical Balance 5. Distillation Plant 6. Refrigerator 7. Centrifuge 8. Slide Warming Table 9. Hot Plate 10. Spectroscopic Lens With Adjustable slit 11. Dissection Set Complete 12. Digital BP Instrument 13. Stethoscope 14. Cold Storage for Dead Bodies 15. Weighing Machine For Dead Bodies 16. Autopsy Tables 17. Stryker Type Autopsy Saw with Accessories 18. Weighing Machine For Organs 19. Weighing Machine for Fetus 20. Brain Knife 21. Hack Saw 22. Rib Shear Left & Right 23. Measuring Tape (Steel Tape Roll) 24. Magnifying Lens 25. X-Ray View Box (4 in 1) 26. Tooth Extractor Left & Right 27. Hand Set Heat Sealer 28. Instrument Trolley 29. Rectal Thermometer 30. Portable X-Ray Machine (can be shared with Radiology Department)
Community Medicine	218.31Sqm	<ol style="list-style-type: none"> 1. Adult weighing machine 2. Eliminator 3. Electronic Balance 4. Aneroid Barometer 5. Fotin Barometer 6. Hydrometer wet & dry bulb 7. Hygrometer milk 8. Wind speed mete 9. Hydrometer spirit


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10. Sling Psychrometer
11. Wind direction meter
12. Horrock's apparatus
13. Height measuring stand
14. Haemometer
15. Measuring scale
16. Comparator Nessler Indian
17. Rectal Thermometer
18. RBC Pipette
19. Stethoscope
20. Skin fold capillary
21. Gas Stove
22. Timer
23. Vaccine carrier
24. Water Testing Kit
25. Autoclave
26. OHP projector / Slide projector
27. Distilled water plant
28. Electronic Weight Machine & (Essae Food Test)
29. Measuring cup (12) & Spoon (48)
30. Incubator
31. ILR(Freezer)
32. Fridge
33. LCD With Screen
34. Dissecting Microscope
35. Electronic weighing machine(A)
36. Microscope oil immersion
37. Baby weighing machine (Infantometer)
38. Physical Balance
39. BP Apparatus
40. Centrifuge
41. Extraction Apoparatus,fat, complete
42. Annam spot food test kit
43. Computer
44. T.F.V.C.R
45. Aqua guard
46. Harpenders Callipers (for skinfold thickness)
47. Filter,berke fed
48. Filter,pasteurchamberland, complete set

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		49. Water sampling bottle from any depth 50. Iodine testing kit 51. Glucometer 52. Mosquito catching kit 53. Clinical Thermometer 54. Otoscope 55. Ophthalmoscope 56. First Aid Kit 57. Needle Shredder 58. Chloroscope 59. MUAC tapes 60. Saliter Baby Weighing machine 61. Balance for weighing food stuff (Capacity 2 Kg)
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GENERAL MEDICINE

Equipment	Numbers
1. Multipara Monitors	20
2. Upper GI endoscope	1
3. Dialysis machines	21
4. Echo – color Doppler	4
5. Resuscitation kit	4
6. Pulse Oxymeters	18
7. Colonoscope	1
8. ECG	6
9. Holter	1
10. Crash cart	7
11. Computerized PFT equipment	1

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12. Syringe pump	12
13. Bronchoscope	1
14. TMT	1
15. Defibrillator	6
16. Other routine use Ultrasound Machine equipment	2
17. Ambu Bag	24
18. Ventilator	6
19. BIPAP	4
20. Alpha Bed	15
21. Digital Thermometer	3
22. Laryngoscope	8
23. Glucometer	6
24. Oxygen concentrator	10
25. CRRT	1
26. Nebuliser	6
27. Infusion pump	16

DERMATOLOGY, VENEREOLOGY & LEPROSY

Equipment	
1)	Biopsy punches
2)	Hyfrecator/electro-surgical instrument
3)	Patch testing kits
4)	Liquid nitrogen cyro
5)	Chemical Peels

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6) PUVA Chamber (total body)
7) NBUV Chamber
8) Laser for hair reduction
9) Laser for scar revision
10) Laser for pigment removal
11) Pulse Oxymeters
12) Syringe pump
13) ECG
14) Crash cart
15) Other routine equipment

OBG

Equipment	Numbers
1. Multiparameter Monitors	12
2. Pulse Oxymeters	2
3. Infusion pump	3
4. CTG Machines	3
5. USG – Portable / Non-portable	3
6. Colposcope	1
7. Diagnostic & operative laparoscope set	1
8. Diagnostic and operative hysteroscope set	1
9. Cryo/LEEP Cautery	1
10. Any other equipment – ART Lab instruments Binocular microscope Laminar flow	1

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Co ₂ incubator	2
Centrifuge	1
Nickon inverted microscope	1
Nickon t2 microscope	1
Cryo cans	1
Testtube warmer	4
Rocket suction pump	3
Suction apparatus	1
	2

ANATOMY

Equipment	Numbers
1) Number of Microscopes	90
2) Number of special Microscopes	Binocular – 3, Dissecting microscope - 5
3) Microscopes with camera	1
4) Computers with Printers	2
5) Internet Facility	Available
6) Dissection Instrument	Adequate
7) Band saw	1
8) Trays	15
9) LCD screens	2
10) Any other equipment	Anthroponetry Instruments

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ANESTHESIOLOGY

Equipment
1. Anesthesia Work Stations
2. channel Monitor (with 2 probes)
3. Fiberoptic Laryngoscope
4. Fiberoptic Bronchoscope
5. Resuscitation equipment (for teaching)
6. Any other equipment

COMMUNITY MEDICINE

Equipment	Numbers
1) Spirometry	1
2) Ophthalmoscope	1
3) Glucometer	10
4) Height & Weight machine	3 and 11 (9-Adult and 2 Baby weighing)
5) Calipers	2
6) Infantometer	2

OTORHINOLARYNGOLOGY

Equipment	Numbers
1. Microscope with teaching aid	2
2. High speed drill in operation theatre	2
3. Flexible fibreoptic bronchoscope/ nasopharyngolaryngoscope	1

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4. Rigid Esophagoscopy set	1
5. Microlaryngoscopy set	1
6. Sinus endoscopy set	0,30,45,70 degree
7. Microdebrider for sinus surgeries	1
8. Digital mono & bipolar cautery	1
9. Nerve stimulator/ monitor	Available
10. HD digital camera with recording system	1
11. OAE	1
12. BERA	1
13. Impedance Audiometer	1
14. Pure tone audiometer	1
15. Sleep Lab (in the Institute)	1
16. Simulators for ear, nose surgeries	Available
17. CO ₂ Laser	Available
18. Diode Laser	Available
19. Harmonic scalpel	Available
20. Stroboscope/ High Speed camera	1

ORTHOPEDICS


Equipment	Numbers
21. Arthroscope	1
22. Image Intensifier	2
23. Hip Arthroplasty set	1
24. Knee Arthroplasty set	1
25. Fracture Fixation set	8
26. Spine surgery set	1

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27. DHS set	1
28. Inter locking nail set	1
29. Any other equipment	-

MICROBIOLOGY

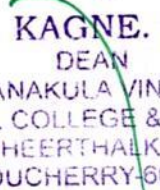
Equipment	Numbers
1) Binocular Microscopes	80
2) Number of special Microscopes	2
3) BOD Incubator	2
4) Bacterial incubator	8
5) Autoclave	6
6) Centrifuge	4
7) VDRL shaker	2
8) Elisa Washer	1
9) Elisa Reader	2
10) LCD screens	2
11) -20° C Deep Freezer	2
12) -80° C Deep Freezer	1
13) Laminar flow Horizontal	1
14) Laminar flow Vertical	1
15) Biosafety cabinet	5
16) Digital water bath	1
17) Automated blood culture (Bactec)	1
18) PCR	1
19) Any other equipment - Automated Elisa reader & washer	1


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PATHOLOGY

Equipment	Numbers
1) Binocular Microscopes	91 No's
2) Automated tissue processor	2 No's
3) Microtome	2 No's
4) Cryostat for frozen sections	1 No
5) Microwave for IHC	---
6) Autoanalyzer / Cell counter	2 No's
7) HPLC Machine (Hb variants)	1 No
8) Centrifuge / Cytospin	2/2 No's
9) Blood Gas analyzer	Not available
10) PT and aPTT automated analyzer	2 No's
11) Any other equipment	Urine Analyser, Centrifuge, Embedding workstation, Decca Head microscope, Penta Head microscope, Trinocular microscope and Fluorescence microscope

PHYSIOLOGY


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Equipment	Available
1) Digital Physiograph	Available
2) Treadmill	Available
3) Mosso's ergograph	Available
4) Perimeter	Available
5) Stethograph	Available
6) Medspiror	Available
7) pH meter	Available
8) any other equipment	Available

PSYCHIATRY

Equipment	Numbers
1. ECT Machines	2
2. Equipment for Psychological evaluation	10

RADIODIAGNOSIS

Equipment	Numbers
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1. X-Ray Machines	
i. Static machines with capacity	(i) 5 Nos. (800 mA 1 Nos., 500 mA -1, 300 mA, - 2 600 mA - 1) / 5 functional & 1 under modification
ii. Portable machines with capacity	(ii) 9 Nos. (100 mA - 3, 60mA - 3, 30 mA - 3) / (iii) 1 Nos. (800 mA)
iii. Machines with TV/Imaging facility	
2. CT Scan (Slices/year of manufacture)	128 slice / Nov 2022
3. MRI (Tesla/year of manufacture)	1.5 Tesla / April 2011
4. Mammography facility	1 No
5. USG – Grey Scale	Available
6. USG – color Doppler	6 Nos / Functional (Total 6 USG machines only in gray scale & color Doppler)
7. DSA	Available / Functional / under Cardiology department
8. PET Scan	-

BIOCHEMISTRY

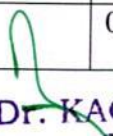
Equipment	Available
1) Centrifuge	Available
2) Calorimeter/Spectrophotometer	Available
3) Water bath	Available
4) Hot Air Oven	Available
5) Semi auto analyzer	Available
6) Electrophoresis	Available

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7) Chromatography apparatus	Available
8) pH meter	Available
9) Any other equipment	Available

PAEDIATRICS

Equipment	Numbers
1. Multipara Monitors	35
2. Upper GI endoscope	01
3. Dialysis machines	01
4. Echo – color Doppler	04
5. Resuscitation kit	24
6. Phototherapy Units (CFL & LED)	11
7. Radiant warmer	20
8. Pulse Oxymeters	06(ICU)+2(Ward)
9. Ventilator	07
10. ECG	01
11. CPAP	03
12. Crash cart	05
13. Computerized PFT equipment	01
14. ABG machine	01
15. Syringe pump	54
16. Bronchoscope	01


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17. USG	01
18. Defibrillator	02
19. Transport Incubator	NA
20. Stadiometer/weighing scale	03
21. Laminar Flow (desirable)	
22. Infusion Pump	16
23. Any other equipment	HFNC-2 Transcutaneous bilirubinometer – 1 T-Piece resuscitator–1 Oxygen blender -1

PHARMACOLOGY

Equipment	Available /
1. Analgesiometer	Available
2. Mammalian Heart perfusion assembly	Available
3. Physiograph	Available
4. Cook's pole climbing apparatus/alternative	Available
5. Digital pH meter	Available
6. Electro convulsimeter	Available
7. Flame photometer	Available
8. Photoactometer	Available
9. Rota rod	Available
10. Plethysmograph	Available
11. Anyother equipment	Elevated plus maze

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	Eddy's hot plate
	Hole board apparatus
	Light/Dark box
	Open field activity apparatus
	Kymograph
	Water bath

TUBERCULOSIS AND RESPIRATORY MEDICINE

Equipment	Numbers
24. Multipara Monitors	7
25. Pulse Oxymeters	4
26. ECG	1
27. Resuscitation kit	3
28. MDR treatment facilities	1
29. Nebulizers	6
30. Ventilators	3
31. Computerized PFT equipment	1
32. Crash cart	3
33. DLCO	1
34. Syringe pump	2
35. Bronchoscope	2
36. Other routine use equipment	1
37. Defibrillator	1

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