



RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

ПРОМЕТРИ Course

(MSR)

SCRUTINY COMMITTEE REPORT (FRESH COLLEGE)

Name of the Proposed college:
Courses Applied
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Sl. No.	Particulars	Existing Guidelines as per GOK/RCUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust /	Past 03 year		

<p>●</p> <p>Society</p>			
<p>5. Clinical facilities</p> <p>a) Hospital NABH accredited or Government hospital</p>	<p>➤ Own 100 bedded Hospital / Parent Hospital (Subjective to Course Applied)</p> <p>➤ Managed and controlled by a member of the Trust</p> <p>➤ The owner of the Hospital is a member of the Trust</p> <p>➤ Pollution control board certificate for 100 beds</p>		
<p>b) OPD</p>	<p>➤ OPD 100 per day</p>		
<p>c) Distance between Hospital & College</p>	<p>➤ Minimum 10-kilometre radius in city limits</p> <p>➤ Minimum 20-kilometre radius in rural areas.</p> <p>➤ Owner of the building</p>		
<p>6. Building (Own)</p>	<p>➤ Details of property (Property No & Building Photos)</p> <p>➤ Total sqft 23,720 Sqft</p>		

		<input type="checkbox"/> Building plan approved by the competent authority <input type="checkbox"/> Up to date tax paid receipt <input type="checkbox"/> RTC of land <input type="checkbox"/> Any court case pending against the property		
7.	Building (Rent / Lease)	<input type="checkbox"/> Rental / Lease agreement for minimum 05 years		
8.	Infrastructure			
	a) Teaching Block	<input type="checkbox"/> Minimum 23,720 sqft		
	b) Class Room	<input type="checkbox"/> 3 Rooms (Each not less than 300 sqft)		
	c) Laboratories	<input type="checkbox"/> Minimum 03 (Each not less than 300 sqft) subjective to course		
	d) Library			
	e) Books	<input type="checkbox"/>		

	f) Hostel facilities for students	➤			
9.	Staff details	➤	No of Teaching Staffs		
10.	Principal	➤	01		
11.	Teaching Staff	➤	06		
12.	Non Teaching staff & others	➤	03		
13.	Vehicle Details	➤	Bus		
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
15.	KPME Certificate	➤			
16.	NABH /NABL certificate	➤			
17.	Lab Equipments	➤	List enclosed		
18.	Teaching faculty and	➤	List/Table enclosed		

clinical equipments				
<p>19. Opinion of the of the Scrutiny Committee for LIC inspection</p>	<p>➤</p>			

Minimum faculty requirements for seats sanctioned

Subject	For 20 seats intake	For 30 Seats intake	For 40 seats intake
MS - Ophthalmology or with DNB(Ophthalmology) or M.Sc. Optometry (2 years course) (HOD)	01	01	01
Associate Prof MS - Ophthalmology or with DM(Ophthalmology) or M.Sc. Optometry (2 years course)	02	03	04
Lecturer/ Assistant Prof/ Associate Prof - Anatomy	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Lecturer/Assistant Prof/ Associate Prof - Physiology	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Lecturer/Assistant Prof/ Associate Prof- Biochemistry	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)

Lecturer/ Assistant	Prof/ Associate	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Prof - Microbiology				
Lecturer/ Assistant	Prof/ Associate	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Prof - Pathology				
Lecturer/ Assistant	Prof/ Associate	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Prof-physics				
Lecturer/ Assistant	Prof/ Associate	01	01	01
Prof-pharmacology				
Lecturer/ Assistant	Prof/ Associate	01	01	01
Prof-opthalmology				
Tutor B.sc. Optometry		01	02	02

Hospital Facilities

Serial No	Description	Nos	Specification
1	Out patient	100	100 patients daily
2	Labs	6	1. Physics/optics lab 2. Visual lab for refraction 3. Contact lens clinic 4. Low vision clinic 5. Binocular vision Squint clinic 6. Optical dispensing clinic

List of instruments Required in Physical and Geometrical optics Laboratory for I Year student

Sl No	Particulars	Quantity
1	Prism - Crown	2 nos
2	Prism - EDF	3 nos
3	Prism - Hallow	2 nos
4	Prism - Quartz	2 no
5	Prism - Equilateral	2 nos
6	Concave lens	5 nos
7	Convex lens	10 nos
8	Mercury vapour lamp	2 nos
9	Concave mirror	10 nos
10	Convex mirror	10 nos
11	Air wedge plate	2 pairs
12	Magnifying glass	10 nos
13	Torch	5 nos
14	Board pins	3 nos
15	Mirror Plate	2 nos
16	Optical bench	5 nos
17	Light source	5 nos
18	Wooden Scale - 1/2 meter	10 nos
19	Wooden Scale - 1 meter	5 nos
20	Wooden bench/stool	5 nos

21	Wooden Hammer - Small	1 no
22	Wooden Hammer - big	2 nos
23	Filter Stand	2 nos
24	Beaker - Glass - 50 ml	2 nos
25	Beaker - Glass - 100 ml	2 nos
26	Beaker - Glass - 250 ml	5 nos
27	Beaker - Plastic - 250 ml	5 nos
28	Glass fannel	2 nos
29	Spirit level	10 nos
30	Sodium Vapour lamp	2 nos
31	Sodium Vapour lamp transformer	2 nos
32	Spectrometer	3 nos
33	Air wedge	1 no
34	Reflector	5 nos
35	Travelling Microscope - bridge type	5 nos
36	Glass slab	5 nos
37	Pin Stand	10 nos
38	Lens stand	20 nos
39	Image Screen	10 nos
40	Screen (with hole)	2 nos
41	Planks constant (voltmeter + LED bulb + 5 volts power supply)	2 sets
42	Polarimeter tube	4 nos
43	Polarimeter apparatus	2 no

44	Weighing scale	1 no
45	Table lamp	2 nos
46	Resolving Power of telescope (experimental setup)	1 no
47	Measuring tube - 100 ml	1 no
48	Mercury vapour bulb	1 no
49	Interferometer	1 no
50	Stand with mesh	5 nos
51	Glass stand	10 nos
52	Photo diode Set	1 no
53	Travelling Microscope	1 no

Clinics infrastructure II year year students

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	EYE Examination set up (work stations)	1:10
2	Slit Lamp	1:10
3	Phoropter / standard trial set	1:10
4	Torch	1:10
5	Streak Retinoscope	1:10
6	Lensemeter	1:10
7	Trial Frames	1:10

8	Cross Cylinder 0.25 & 0.50	1:10
9	Standard IOP measuring instrument	1:10
10	Standard Vision Drum	1:10
11	LogMar Vision Chart	1:10

Low vision clinics for III year and Interns

S/No	Particulars	Quantity
1	Contrast Sensitivity Chart	1:30
2	Other standard visual acuity and visual field assessment charts	1:30
3	Spectacle magnifiers of 2 different magnifications	1:30
4	Monocular telescopes of 3 different magnifications	1:30
5	Hand held illuminated of 2 different magnifications	1:30
6	Stand Magnifiers of 2 different magnifications	1:30
7	High plus addition spectacles of 4 different	1:30

	magnifications	
8	Standard filters	1:30
9	Standard non optical devices like Digital CCTV, Typoscope, Signature guide, pinhole spectacles	1:30
10	Standard Vision Drum	1:30
11	LogMar Vision Chart	1:30

Contact lens clinics for III year and Interns

S/No	Particulars	Quantity
1	Standard vision assessment devices	1:10
2	Standard equipment to assess the eye under magnification	1:10
3	Trial Set & Trial frame & HVID Scale	1:10
4	Device to assess the corneal curvature	1:10
5	Placido disc	1:10
6	Soft Lenses, Toric Lens and RGP Lens Trial Set	1:30
7	Speciality Lenses	1:10

BV Squint clinics for III year and Interns

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	RAF Ruler	1:10
2	Instruments to assess binocular vision like Maddox Rod / maddox wing / Synoptophore	1:10
3	Paediatric Vision Chart (2 different types)	1:10
4	Stereoscopic vision assessing devices	1:10
5	Prism Bar	1:10
6	Diplopia Goggle	1:10
7	Objective vision assessment device	1:30

Optical Dispensing clinics for III year and Interns

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	Frame fitting equipment	1:10
2	Geneva Lens Measure	1:10
3	Optician Ruler	1:10
4	Lens power measuring device	1:10
5	Frames - plastic, metal of supra, rimless & full frame (each type)	1:10

6● Spectacle lenses - organic, glass, Polycarbonate, Trivex (each type)	1:10
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SCRUTINY COMMITTEE REPORT

Additional courses (Allied Health Sciences)

Name of the college:

Courses Applied:

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Sl. No.	Particulars	Existing Guidelines as per GOK/ RCUHS Norms	Details furnished by the Trust	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Year in which college has started			

4.	Financial worthiness / Audit Report	Current Account with 15 lakhs turn over for last 03 financial year (cumulative)	
5.	Clinical facilities a) Hospital	➤ Own 100 bedded/ Parent Hospital	
		➤ Managed and controlled by a member of the Trust	
		➤ The owner of the Hospital is a member of the Trust	
		➤ Pollution control board certificate for 100 beds	

	URD 100 per day		
c) Distance between Hospital & College	Minimum 10-kilometre radius in city limits Minimum 20-kilometre radius in rural areas.		
6. MOU Particulars	Minimum for 03 years		
7. Building (Own)	Owner of the building		
	Details of property		
	Total sqft (minimum 23,720 sqft)		
	Building plan approved by the competent authority		
	Up to date tax paid receipt		
	RTC of land / Property		
	Any court case pending against the property		
8. Building (Rent / Lease)	Rental / Lease agreement for minimum 05 years		
9. Infrastructure	Minimum 23,720 sqft		

a) Teaching Block				
b) Class Room	➤	3 Rooms (Each not less than 600 sqft)		
c) Laboratories	➤	Minimum 03 (Each not less than 600 sqft) subjective to course		
d) Library Books		As per syllabus reference		
e) Hostel facilities for students				

10.	Faculties details	➤			
11.	Principal	➤	01		
12.	Other				
	Teaching faculties	➤	List/ table enclosed		
	Non teaching faculties details	➤			
13.	Warden Hostel details	➤			
	Warden Hostel staff details	➤			
13.	Vehicle Details	➤	Bus		
14.	Sports Recreation Facilities	➤			
	Sports & Recreation Facilities		Outdoor Facility & Indoor Facility		
15.	KPME Certificate				

16. NABH/NABL certificate			
17. Lab Equipments			
18. Opinion of the of the Scrutiny Committee for LIC inspection			

ASSISTANT REGISTRAR

DEPUTY REGISTRAR



RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT

Increase in intake for B.Sc (AHS) Course

Name of the college:

Courses Applied:

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Sl. No	Particulars	Existing Guidelines as per GOK/ RGVHS	Details furnished by the College	Whether the college has fulfilled the requirement
20	Name of the Trust / Society	Trust / Society should be registered		
21	Date of Registration			

22	Minimum age of the Trust / Society	Minimum 3 years	
23	Audit Statement of the Trust / Society	Past 03 year	
24	Clinical facilities a) Hospital	Own 100 bedded Hospital / Parent Hospital (Subjective to Course Applied)	
		➤ Managed and controlled by a member of the Trust	
		➤ The owner of the Hospital is a member of the Trust	
		➤ Pollution control board certificate for 100 beds	
b) OPD	➤	OPD 100 per day	

	c) Distance between Hospital & College	➤	Minimum 10-kilometre radius in city limits		
		➤	Minimum 20-kilometre radius in rural areas.		
		➤	Owner of the building		
25	Building (Own)	➤	Details of property (Property No & Building Photos)		
		➤	Total sqft 23,720 Sqft		
		➤	Building plan approved by the competent authority		
		➤	Up to date tax paid receipt		
		➤	RTC of land		
		➤	Any court case pending against the property		
26	Building (Rent Lease)	/	➤	Rental / Lease agreement for minimum 05 years	

Infrastructure					
e					
a) Teaching Block	➤	Minimum 23,720 sqft			
b) Class Room	➤	3 Rooms (Each not less than 300 sqft)			
c) Laboratories	➤	Minimum 03 (Each not less than 300 sqft) subjective to course			
d) Library	➤				
e) Books					
f) Hostel facilities for students	➤				
28 Staff details	➤	List/Table enclosed			
29 Principal	➤	01			
30 Teaching Staff	➤	06			
31 Non Teaching staff & others	➤	03			
32 Vehicle	➤	Bus			

	Details				
33	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
34	KPME Certificate	➤			
35	NABH /NABL certificate	➤			
36	Lab Equipments	➤	List enclosed		
37	Teaching faculty and clinical equipments	➤	List/Table enclosed		

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Opinion of the
of the Scrutiny
Committee for
LIC inspection



Minimum faculty requirements for seats sanctioned

Subj ect	For 20 seats intake	For 30 intake	Seats	For 40 seats intake
MS - Ophthalmology or with DNB(Ophthalmology) or M.Sc. Optometry (2 years course) (HOD)	01	01		01
Associate Prof MS - Ophthalmology or with DM(Ophthalmology) or M.Sc. Optometry (2 years course)	02	03		04
Lecturer/ Assistant Prof/ Associate Prof – Anatomy	01 (Part time/visiting)	01 (Part time/visiti ng)		01 (Part time/visiting)
Lecturer/Assistant Prof/ Associate Prof – Physiology	01 (Part time/visiting)	01 (Part time/visiti ng)		01 (Part time/visiting)
Lecturer/Assistant Prof/ Associate Prof- Biochemistry	01 (Part	01 (Part		01 (Part time/visiting)

	time/visiting)	time/visiting)	time/visiting)
Lecturer/ Assistant Prof/ Associate Prof – Microbiology	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Lecturer/ Assistant Prof/ Associate Prof – Pathology	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Lecturer/ Assistant Prof/ Associate Prof-physics	01 (Part time/visiting)	01 (Part time/visiting)	01 (Part time/visiting)
Lecturer/ Assistant Prof/ Associate Prof-pharmacology	01	01	01
Lecturer/ Assistant Prof/ Associate Prof-opthalmology	01	01	01
Tutor B.sc. Optometry	01	02	02

Hospital Facilities

Serial No	Description	Nos	Specification
1	Out patient	100	100 patients daily
2	Labs	6	1. Physics/optics lab 2. Visual lab for refraction 3. Contact lens clinic 4. Low vision clinic 5. Binocular vision Squint clinic 6. Optical dispensing clinic

List of instruments Required in Physical and Geometrical optics Laboratory for I Year student

Sl No	Particulars	Qty
1	Prism – Crown	2 nos
2	Prism – EDF	3 nos
3	Prism – Hallow	2 nos
4	Prism – Quartz	2 no
5	Prism - Equilateral	2 nos
6	Concave lens	5 nos
7	Convex lens	10 nos
8	Mercury vapour lamp	2 nos
9	Concave mirror	10 nos
10	Convex mirror	10 nos
11	Air wedge plate	2 pairs
12	Magnifying glass	10 nos
13	Torch	5 nos
14	Board pins	3 nos
15	Mirror Plate	2 nos
16	Optical bench	5 nos
17	Light source	5 nos
18	Wooden Scale - 1/2 meter	10 nos
19	Wooden Scale - 1 meter	5 nos

20	Wooden bench/stool	5 nos
21	Wooden Hammer - Small	1 no
22	Wooden Hammer - big	2 nos
23	Filter Stand	2 nos
24	Beaker - Glass - 50 ml	2 nos
25	Beaker - Glass - 100 ml	2 nos
26	Beaker - Glass - 250 ml	5 nos
27	Beaker - Plastic - 250 ml	5 nos
28	Glass fannel	2 nos
29	Spirit level	10 nos
30	Sodium Vapour lamp	2 nos
31	Sodium Vapour lamp transformer	2 nos
32	Spectrometer	3 nos
33	Air wedge	1 no
34	Reflector	5 nos
35	Travelling Microscope - bridge type	5 nos
36	Glass slab	5 nos
37	Pin Stand	10 nos
38	Lens stand	20 nos
39	Image Screen	10 nos
40	Screen (with hole)	2 nos
41	Planks constant (voltmeter + LED bulb + 5 volts power supply)	2 sets
42	Polarimeter tube	4 nos

43	Polarimeter apparatus	2 no
44	Weighing scale	1 no
45	Table lamp	2 nos
46	Resolving Power of telescope (experimental setup)	1 no
47	Measuring tube - 100 ml	1 no
48	Mercury vapour bulb	1 no
49	Interferometer	1 no
50	Stand with mesh	5 nos
51	Glass stand	10 nos
52	Photo diode Set	1 no
53	Travelling Microscope	1 no

Clinics infrastructure II year year students

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	EYE Examination set up (work stations)	1:10
2	Slit Lamp	1:10
3	Phoropter / standard trial set	1:10
4	Torch	1:10
5	Streak Retinoscope	1:10
6	Lensemeter	1:10
7	Trial Frames	1:10
8	Cross Cylinder 0.25 & 0.50	1:10
9	Standard IOP measuring instrument	1:10

10	Standard Vision Drum	1:10
11	LogMar Vision Chart	1:10

Low vision clinics for III year and Interns

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	Contrast Sensitivity Chart	1:30
2	Other standard visual acuity and visual field assessment charts	1:30
3	Spectacle magnifiers of 2 different magnifications	1:30
4	Monocular telescopes of 3 different magnifications	1:30
5	Hand held illuminated of 2 different magnifications	1:30
6	Stand Magnifiers of 2 different magnifications	1:30
7	High plus addition spectacles of 4 different magnifications	1:30
8	Standard filters	1:30
9	Standard non optical devices like Digital CCTV, Typoscope, Signature guide, pinhole spectacles	1:30
10	Standard Vision Drum	1:30
11	LogMar Vision Chart	1:30

Contact lens clinics for III year and Interns

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	Standard vision assessment devices	1:10
2	Standard equipment to assess the eye under magnification	1:10
3	Trial Set & Trial frame & HVID Scale	1:10
4	Device to assess the corneal curvature	1:10
5	Placido disc	1:10
6	Soft Lenses, Toric Lens and RGP Lens Trial Set	1:30
7	Speciality Lenses	1:10

BV Squint clinics for III year and Interns

<u>S/No</u>	<u>Particulars</u>	<u>Quantity</u>
1	RAF Ruler	1:10
2	Instruments to assess binocular vision like Maddox Rod / maddox wing / Synoptophore	1:10
3	Paediatric Vision Chart (2 different types)	1:10
4	Stereoscopic vision assessing devices	1:10
5	Prism Bar	1:10
6	Diplopia Goggle	1:10
7	Objective vision assessment device	1:30

Optical Dispensing clinics for III year and Interns

S/N No	Particulars	Quantity
1	Frame fitting equipment	1:10
2	Geneva Lens Measure	1:10
3	Optician Ruler	1:10
4	Lens power measuring device	1:10
5	Frames - plastic, metal of supra, rimless & full frame (each type)	1:10
6	Spectacle lenses - organic, glass, Polycarbonate, Trivex (each type)	1:10

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from SI.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

1. Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

3. Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

4. The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Katakana Pre-University Course.

OR

5. Candidates with two years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in SI. No. 1 to 14 shall have passed Diploma [10+2] with Physics, Chemistry and Biology, as subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in SI. No. 1 to 14 should have studied Physics, Biology and Chemistry as subjects during the tenure of the course.

6. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by RGUHS, fulfilling the conditions specified above under sl. No. 5 and these students are eligible to take admission on lateral entry system only in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTTH/AHS/317/2008-09 dated 01.08.2008.

7. In case of admission to B.Sc. Imaging Technology Or B.Sc.Radiotherapy Technology the

- candidate should have passed Pre-University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects.
- b. Candidates who have completed diploma or vocational course through correspondence shall not be eligible for any of the courses mentioned above.

Optimum Duration of the course :

Duration shall be for a period of **Four (4) years including one (1) year of internship.**

INFRASTRUCTURE:

1. Four Labs (Optics lab, Contact lens, Binocular vision and squint, Low vision rehabilitation) each with an area of 300 Sq. ft
2. Three Class rooms each with a capacity for 20 students. (**each not less than 300 sq. ft. each**)

3. Lab facilities for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
4. Lab equipments for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
5. a. Board (Black or White) - Mandatory
b. Multimedia / Computer and its accessories / LCD Projector

MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

ANATOMY:

Specimens, Models, Charts, Dissected body parts, slides as per syllabus.

PHYSIOLOGY:

Microscope per student, Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spiro meter for demonstration purpose.

● BIOCHEMISTRY:

Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / ketone bodies, proteins etc.

MICROBIOLOGY:

Microscope, Hot air oven, Autoclave, Incubator,

Electronic analytical balance, Water bath, Vortex mixer,

PATHOLOGY:

Haemocytometer - RBC & WBC count, Haemoglobinometer, Wintrobe's tube,

Westergren tube & stand, Lancet, Capillary tube, Whatman no. 1 filter paper,

Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, DPPX, Coplin jar,

H & E stain, Leishman stain, brilliant cresyl blue stain, Pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coombs' reagent, Phosphate buffer, Distilled water

Teaching Staff:

1. Principal /Professor &HOD

MS/DNB - Ophthalmology with 5 years teaching experience in a college.

M.Sc. Optometry (2 years course) with 10 years teaching experience in a College.

2. Associate Professor:

M.Sc. Medical (Anatomy, Physiology/Biochemistry, Microbiology, pathology, Pharmacology) with 7 years teaching experience.

M.Sc. MLT (2 years course) Microbiology /Biochemistry/Haematology with 7 years teaching experience

MD(Microbiology/Biochemistry/Pathology/Physiology/Pharmacology)

MS (Anatomy) or equivalent

As per MCI/NMC norms

M.Sc. Phd - minimum 3 year

M.Sc. Optometry (2 years course) - minimum 07 years teaching experience

M.Sc. Physics - minimum 07 years teaching experience

3. Assistant Professor:

M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology) with 3 years teaching experience

M.Sc. MLT (2 years course) Microbiology / Biochemistry/Haematology with 3 years teaching experience

M.Sc. Optometry Phd.

M.Sc. Optometry :03 years course teaching experience

M. D.(Biochemistry, Microbiology, Pathology/Pharmacology) - As per MCI/NMC norms
MS(Anatomy)-As per MCI/NMC norms

M.Sc. Physics :03 years course teaching experience

4.Lecturer:

M.Sc. Medical(03yearscourse) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology)

M.Sc. MLT (2 years course) Microbiology/Biochemistry/Haematology

M.Sc. Optometry (02 years course)/ Fresher

M.Sc. Physics with 3 years teaching experience

5.Tutor:

B.Sc. Optometry

Minimum no. of Faculty in each Department:

Anatomy: ONE

Physiology: ONE

Biochemistry: ONE

Microbiology: ONE

Pathology: ONE

Pharmacology: ONE

Physics: ONE

M.Sc. Optometry: Three (Full Time)

B.Sc. Optometry Tutors: At least ONE

Lab Instructors: At least ONE

For **Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology, Nutrition and Research methodology and Bio statistics** subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects

Systemic & Ocular Diseases: MBBS with MD/DNB in perspective course.

Part time teachers' services can be availed for subsidiary subjects

Note: Mentioned in the syllabus be made available mandatorily

Minimum number of faculty: As mentioned above

Library: Standard reference books and journals should be made available in each of the subject speciality.

Note: Books mentioned in the syllabus be made available mandatorily

Clinical work load

Type of Procedure	No of procedures to be performed
History taking, External examination	50
Lensometry	100
Vision check	100
Cover test	10
Alternate cover test	10
Modified krimsky	10
Push up test Accommodation and convergence	10
Stereopsis Test	10
TBUT	10
Amsler	10
PSRT	10
Confrontation Test	10
HFA	10
Pentacam	10
Electrophysiology	10
Abberometry	10
colour vision	10
Slit lamp examination	10
Tonometry	10

Von Herick grading	10
Proptosis evaluation	10
ptosis evaluation	10
Pupillary evaluation	10
Retinoscopy	100
Subjective refraction	50
Addition calculation	25
DO IDO	10
A-scan & B-scan	10
Gonioscopy	10
Case analysis	20
General OPD Cases	500
Contact lens Cases	100
Low vision Cases	50
Binocular vision Cases	50
Optical dispensing Cases	50
Out reach camps Cases	50

A Logbook to be maintained with details of all the postings for each of the student.



Neuroscience Technology

(M SR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement	
1.	Name of the Trust / Society	Trust / Society should be registered			
2.	Date of Registration				
3.	Minimum age of the Trust / Society	Minimum 3 years			
4.	Audit Statement of the Trust / Society	Past 03 year			
5.	Clinical facilities	Should own a 100 bedded hospital	➤	Should own a 100 bedded hospital	
			➤	Managed and controlled by a member of the Trust	
			➤	The owner of the Hospital/Lab is a member of the Trust	
			➤	Pollution control board certificate for 100 bedded	
	b) Samples/cases per *	As mentioned in the table	➤		
	c) Distance between Hospital/Lab &	➤	Minimum 20 kilometre radius in city limits		

	College	➤	Minimum 30 kilometre radius in rural areas.		
6.	Building (Own)	➤	Owner of the building		
		➤	Details of property (Property No & Building Photos)		
		➤	Total sqft 23,720 Sqft		
		➤	Building plan approved by the competent authority		
		➤	Up to date tax paid receipt		
		➤	RTC of land		
		➤	Any court case pending against the property		
7.	Building (Rent / Lease)	➤	Not allowed		
8.	Infrastructure				
	a) Teaching Block	➤	Minimum 23,720 sqft		
	b) Class Room	➤	3 Rooms (Each not less than 600 sqft)		
		➤	1 seminar hall (not less than 800 sqft for Msc programme)		
	c) Laboratories	➤	Minimum 03 (Each not less than 800 sqft) subjective to course		
	d) Library Books	➤	50 books in each subject		
		➤	2 journals (National/international for MSc programme)		
	e) Hostel facilities for students	➤	Separate Hostel for boys and girls with separate wardens		
9.	Staff details	➤	No of Teaching Staffs		
10.	Principal	➤	01		
11.	Teaching staff	➤	07 (including the visiting/part time faculty)		

12.	Non Teaching staff & others	➤	03		
13.	Vehicle Details	➤	Bus		
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
15.	KPME Certificate	➤			
16.	NABL/NABH certificate	➤			
17.	Lab Equipments	➤	List enclosed		
18.	Teaching faculty/Clinical material *	➤	Table enclosed		
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

*

10. Minimum faculty requirements for seats sanctioned

Subject	For 10 seats intake	For 15 Seats intake	For 20 seats intake
DM (Neurology)/M.Sc. Neuroscience Tech (HOD)	01	01	01
Associate Prof DM (Neuro)/M.Sc. Neuroscience Tech	-	01	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01	01	01
Lecturer/Assistant Prof / Associate Prof - Physiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Biochemistry	01	01	01
Lecturer/Assistant Prof / Associate Prof – Microbiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Pathology	01	01	01
Tutor (B.Sc. Neuroscience Tech)	01	01	02
Clinical Workload & Infrastructure			
ENMG Lab	01	01	02
EEG Lab	01	01	02
Video Telemetry Lab	01	01	01
Mechanical / Electronics Lab	01	01	01
ENMG cases/day	05	10	20
EEG cases /day	05	10	20

1. Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from Sl.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

1. Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

3. Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

1. The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to Vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

2. Candidates with two years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 shall have passed Diploma [10+2] with Physics, Chemistry and Biology, as subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 should have studied Physics, Biology and Chemistry as subjects during the tenure of the course.

3. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by RGUHS, fulfilling the conditions specified above under sl. No. 5 and these students are eligible to take admission on lateral entry system only in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTH/AHS/317/2008-09 dated 01.08.2008.

4. In case of admission to B.Sc. Imaging Technology Or B.Sc. Radiotherapy Technology the candidate should have passed Pre University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects
- b. Candidates who have completed diploma or vocational course through correspondence shall not be eligible for any of the courses mentioned above

2. INFRASTRUCTURE:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 20 students. (each not less than 600 sq. R. each)
- Lab equipment's for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
 - a. Board (Black or White) - Mandatory
 - b. Multimedia / Computer and its accessories / LCD Projector - Mandatory

3. MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

- **ANATOMY :**
Specimens, Models, Charts, Dissected body parts, slides as per syllabus.
- **PHYSIOLOGY:**
One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.
- **BIOCHEMISTRY:**
Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / Ketone bodies, proteins etc.
- **MICROBIOLOGY:**
Microscope, Hot air oven, Autoclave, Incubator ,Electronic analytical balance ,Water bath ,Vortex mixer ,Laminar air flow chamber ,Glass wares (beaker, conical flask, pipettes, test tubes, petridish) ,Refrigerator ,Felix & drayer's tube ,Bunsen burner ,Culture media ,Centrifuge ,Inoculation loop ,Latex agglutination tiles ,Vdrrrotator ,L4cintoshilder anaerobic jar , Micro titre plate ,Tnspisator
- **PATHOLOGY:**
Haemocytometer — rbc&wbc count ,Haemoglobinometer ,Wintrob's tube ,Westergren tube & stand ,Lancet ,Capillary tube ,Whatsman no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain ,Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coomb's reagent, Phosphate buffer, Distilled water

1. Teaching Staff:

1. Principal / Professor & HOD, with DM(Neurologist) 5 yrs. Teaching Experience in a Medical College
M.Sc. Neuro Science (2 years course) with 10 years teaching experience in a College

2. Associate Professor:

- a) M.Sc. Medical (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology) with 6 years teaching experience
M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 7 years teaching experience
- b) MD(Microbiology/Biochemistry/Pathology/Physiology/Pharmacology)
- c) MS (Anatomy)
As per MCI/NMC norms
- d) M.Sc. Phd - minimum 3 year
- e) M.Sc. Neuro science (2 years course) - minimum 07 years teaching experience

3. Assistant Professor:

- a) M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology) with 3 years teaching experience
- M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 4 years teaching experience
- b) M.Sc. Neuro Science Phd.
- c) M.Sc. Neuro science (02 years course teaching experience
- d) M. D.(Biochemistry, Microbiology, Pathology/Pharmacology) - As per MCI/NMC norms
- e) MS (Anatomy)- As per MCI/NMC norms

4. Lecturer:

- a) M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology)
- M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology
- b) M.Sc. Neuro science (02 years course)

5. Tutor:

- B.Sc. Neuro Science Technology or equivalent

Minimum no. of Faculty in each Department:

- **Anatomy :** ONE
 - **Physiology:** ONE
 - **Biochemistry:** ONE
 - **Microbiology:** ONE
 - **Pathology:** ONE
 - **Pharmacology:** ONE
- For PG teaching, faculty with relevant specializations is mandatory.
- M.Sc. Neuro science: Two
 - **B.Sc. Neuro science Tutors:** At least ONE in each dept.
 - **Lab Instructors :** At least ONE in each departmental practical laboratory
 - ENMG Technicians: ONE

ONLY for Anatomy & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects

1- Nuero Diseases: MBBS with MD in General Medicine
Part time teachers services can be availed for subsidiary subjects

Note: Mentioned in the syllabus be made available mandatorily

6. Minimum number of faculty: As mentioned above

7. Library: Standard reference books and journals should be made available in each of the subject speciality. There should be minimum quantity of the following books:

- a. Neuro Anatomy – 03 Books
- b. Neuro Physiology – 03 Books
- c. Neurology – 03 Books
- d. Epilepsy – 03 Books

- e. Diseases of Nerves – 02 Books
- f. Diseases of Muscles – 02 Books
- g. Electroencephalogram – 02 Books
- h. ENMG – 02 Books
- i. EEG – 02 Books

Journals:

- a. Journal of Muscle & Nerve
- b. Journal of Electrophysiology
- c. Epilepsia

Note: Books mentioned in the syllabus be made available mandatorily

8. A Hospital

The Hospital should have neurological services and a minimum out patients of 20 per day and a minimum of 10 EEG and 10 ENMG investigations per day. Along with relevant training and exposure to neurological investigations exposure and basic knowledge to X-Ray, CT, MRI should be provided.

Functioning Laboratory Facilities: (10 SEATS)

- a. ENMG – One Labs
- b. EEG – One Labs
- c. Video Telemetry – One Lab
- d. Mechanical / Electronics – One Lab

9. Clinical work load

Rotational Postings:

- a. Neuro Anatomy
- b. Neuro Physiology
- c. Radio-Neurology for Basic Clinical skills.

Number of Investigations per day

ENMG – 10 per day

EEG – 10 per day

A Log Book to be maintained with details of all the postings for each of the student.



B.Sc CARDIAC CARE TECHNOLOGY (MSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities	a) Hospital/Lab Should be accredited by NABL/NABH or Government hospital/Lab	100 bedded hospital	
			Managed and controlled by a member of the Trust	
			The owner of the Hospital/Lab is a member of the Trust	
			Pollution control board certificate for 100 beds	
b) Procedures per day	As mentioned in table below			

9.	Staff details	➤	No of Teaching Staffs	
10.	Principal	➤	01	
11.	Teaching staff	➤	07(including the visiting/part time faculty)	
12.	Non Teaching staff & others	➤	03	
13.	Vehicle Details	➤	Bus	
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility	
15.	KPME Certificate	➤		
16.	NABL/NABH certificate	➤		
17.	Lab Equipments	➤	List enclosed	
18.	Teaching faculty/Clinical material *	➤	Table enclosed	
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤		

TEACHING FACULTY REQUIREMENT

Sl.No	Staff Description	Required Numbers	Qualification
1	Principal	1	Professor and HoD

3. Cardiology inpatient service minimum – 25 beds
4. Cardiac surgical case load – 1 operation / day

2. Equipment Infrastructure	
Cardiac Ultrasound Machines equipped with advanced software for -2D, 3D Imaging -Advanced imaging and Quantification	3
Paediatric probe	1
Fetal echo probe	Optional
TEE probe	1
Vascular Ultrasound probe- may be in Radiology department	1

#

Rotational Postings:

- a. ECG Department
- b. Stress Test — Tread Mill / Holter Monitoring section
- c. Echo / Doppler section postings
- d. Cath Lab
- e. Cardiothoracic Unit
- f. I.C.C.U
- g. Cardiology
- h. Cardiac Anaesthesia

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

5. MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

ANATOMY:

Specimens, Models, Charts, Dissected body parts, slides as per syllabus.

PHYSIOLOGY:

One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.

BIOCHEMISTRY:

Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pHmeter, basic kits for determining urine sugars / ketone bodies, proteins etc.

MICROBIOLOGY:

Microscope, Hot air oven, Autoclave, Incubator, Electronic analytical balance, Water bath, Vortex mixer, Laminar air flow chamber, Glass wares (beaker, conical flask, pipettes, test tubes, petridish), Refrigerator, Felix & drayer's tube, Bunsen burner, Culture media, Centrifuge, Inoculation loop, Latex agglutination tiles, Vdrl rotator, Mcintosh folder anaerobic jar, Micro titre plate, Inspisator.

PATHOLOGY:

Haemocytometer — rbc & wbc count, Haemoglobinometer, Wintrobe tube, Westergren tube & stand, Lancet, Capillary tube, Whatman no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain, Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, plt, pap stain, Coomb's reagent, Phosphate buffer, Distilled water.

Minimum no. of Faculty in each Department:

- Anatomy : ONE
 - Physiology: ONE
 - Biochemistry: ONE
 - Microbiology: ONE
 - Pathology: ONE
 - Pharmacology: ONE
- For PG teaching, faculty with relevant specializations is mandatory.
- M.Sc: Cardiac Care :TWO
 - B.Sc. Cardiac Care Tutors: At least ONE in each dept.
 - Lab Instructors: At least ONE in each departmental practical laboratory

ONLY for Anatomy & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects

Part time teachers services can be availed for subsidiary subjects

Note: mentioned in the syllabus be made available mandatorily

6. Minimum number of faculty: As mentioned above
7. Library: Standard reference books and journals should be made available in each of the subject speciality.



RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement	
1.	Name of the Trust / Society	Trust / Society should be registered			
2.	Date of Registration				
3.	Minimum age of the Trust / Society	Minimum 3 years			
4.	Audit Statement of the Trust / Society	Past 03 year			
5.	Clinical facilities	➤ Should own a Lab/Diagnostics			
			a) Hospital/Lab Should be accredited by NABL/NABH or Government hospital/Lab	➤ Managed and controlled by a member of the Trust	
				➤ The owner of the Hospital/Lab is a member of the Trust	
				➤ Pollution control board certificate for 200 samples	
b) Samples per *	➤ 200 samples /day				
c) Distance between Hospital/Lab &	➤	Minimum 20 kilometre radius in city limits			

	College	➤	Minimum 30 kilometre radius in rural areas.			
6.	Building (Own)	➤	Owner of the building			
		➤	Details of property (Property No & Building Photos)			
		➤	Total sqft 23,720 Sqft			
		➤	Building plan approved by the competent authority			
		➤	Up to date tax paid receipt			
		➤	RTC of land			
7.	Building (Rent / Lease)	➤	Any court case pending against the property			
		➤	Not allowed			
8.	Infrastructure					
		a) Teaching Block	➤	Minimum 23,720 sqft		
		b) Class Room	➤	3 Rooms (Each not less than 600 sqft)		
		c) Laboratories	➤	1 seminar hall (not less than 800 sqft for Msc programme)		
		d) Library Books	➤	Minimum 03 (Each not less than 800 sqft) subjective to course 50 books in each subject		
9.	e) Hostel facilities for students	➤	2 journals (National/International for MSc programme) Separate Hostel for boys and girls with separate wardens			
9.	Staff details	➤	No of Teaching Staffs			
10.	Principal	➤	01			
11.	Teaching staff	➤	06 (including the visiting/part time faculty)			

12.	Non Teaching staff & others	➤	03	
13.	Vehicle Details	➤	Bus	
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility	
15.	KPME Certificate	➤		
16.	NABL/NABH certificate	➤		
17.	Lab Equipments	➤	List enclosed	
18.	Teaching faculty/Clinical material *	➤	Table enclosed	
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤		

*

Teaching faculty		For 10 seats intake	For 20 Seats intake	For 40 seats intake
MD/M.Sc (Non-Med) / M/Sc. MLT — Biochemistry / Microbiology / Pathology / Hematology & Perfusion technology	01	01	01	01
MD/M.Sc (Non-Med) / M/Sc. MLT — Biochemistry / Microbiology / Pathology / Hematology & Perfusion technology	00	01	01	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01(part time/visiting)	01(part time/visiting)	01(part time/visiting)	01(part time/visiting)
Lectures/Assistant Prof / Associate Prof - Physiology	01(part time/visiting)	01(part time/visiting)	01(part time/visiting)	01(part time/visiting)
Lecturer/Assistant Prof / Associate Prof — Biochemistry	01	02	03	
Lecturer/Assistant Prof / Associate Prof — Microbiology	01	02	03	
Lecturer/Assistant Prof / Associate Prof — Pathology	01	02	02	
Tutor (B.Sc. Medical Lab Tech)	01	01	02	
Clinical Workload & Infrastructure				
Clinical Workload No of tests - Biochemistry	100	120	140	
Clinical Workload No of tests — Microbiology	25	30	40	
Clinical Workload No of tests —	75	100	120	

Pathology(Hematology(50%), Clinical pathology(25%),Cytology(15%) and Histopathology(10%))			
Total	200	250	300

Functioning Equipment:

- Rotary Microtomes — 01
- Autoclave — 01
- Paraffin Embedding bath — 01
- Water bath — 02
- Distilled water unit — 01
- Centrifuge — 03
- Histokinette (Automatic tissue processor) — 01 (optional)
- Microscope - one per student
- Tissue Flotation bath — 01
- PH Meter — 01
- Incubator — 01
- Hot air oven — 01
- Hemoglobinometer - one per student
- Hemocytometer — one per student
- Laboratory stirrer — 01
- Laboratory counter — 01
- RBC Sedimentation apparatus — one per student
- Colorimeter — 01
- Spectrophotometer — 01
- Flame Photometer — 01
- Electrophoresis Equipment — 01
- Chromatography chambers — 01
- Albuminometer — 01
- Refrigerator — 01
- Digital balance - 01
- Non pan Sensitive Balance — 01
- Urinometer — 01
- Semi autoanalyzer--01
- Autoanalyser — 01
- (should cover range of tests) (optional)
- Automated Cell Counter — 01 (optional)
- Laminar Flow cabinet — 01

Apart from the above mentioned equipment's necessary glassware, kits, chemicals, media as per the syllabus requirements should be made available in adequate quantity.

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

1. Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from Sl.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

1. Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

3. Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

1. The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to Vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

2. Candidates with two years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 shall have passed Diploma [10+2] with Physics, Chemistry and Biology, as subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 should have studied Physics, Biology and Chemistry as subjects during the tenure of the course.

3. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by RGUHS, fulfilling the conditions specified above under sl. No. 5 and these students are eligible to take admission on lateral entry system only in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTH/AHS/317/2008-09 dated 01.08.2008.

4. In case of admission to B.Sc. Imaging Technology Or B.Sc. Radiotherapy Technology the candidate should have passed Pre University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects
- b. Candidates who have completed diploma or vocational course through correspondences shall not be eligible for any of the courses mentioned above

2.INFRASTRUCTURE:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 20 students. (each not less than 600 sq. R. each)
- Lab equipment's for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
 - a. Board (Black or White) - Mandatory
 - b. Multimedia / Computer and its accessories / LCD Projector- Mandatory

3.MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

- **ANATOMY :**
Specimens, Models, Charts, Dissected body parts, slides as per syllabus.
- **PHYSIOLOGY:**
One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.
- **BIOCHEMISTRY:**
Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / ketone bodies, proteins etc.
- **MICROBIOLOGY:**
Microscope, Hot air oven, Autoclave, Incubator ,Electronic analytical balance ,Water bath ,Vortex mixer ,Laminar air flow chamber ,Glass wares (beaker, conical flask, pipettes, test tubes, petridish) ,Refrigerator ,Felix & drayer's tube ,Bunsen burner ,Culture media ,Centrifuge ,Inoculation loop ,Latex agglutination tiles ,Vdrtrotator ,Lacintoshflider anaerobic jar , Micro titre plate ,Tnspisator
- **PATHOLOGY:**
Haemocytometer — rbc&wbc count ,Haemoglobinometer ,Wintrob's tube, Westergren tube & stand ,Lancet ,Capillary tube ,Whatsman no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain ,Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coomb's reagent, Phosphate buffer, Distilled water

4. Teaching Staff:

• **Principal / Professor & HOD,**

- MD (Microbiology/Biochemistry/Pathology/Physiology)with 5 years teaching experience

- M.Sc. (3 years course) (Medical Microbiology / Medical Biochemistry) with 9 years of teaching experience in a MLT college
- M.Sc. MLT (2 years course) (microbiology / clinical biochemistry / hematology& blood banking) with 10 years teaching experience in a MLT College
- PhD from faculty of medicine/Allied health sciences with 3 years post PhD teaching experience

Associate Professor:

- a) M.Sc. Medical (Anatomy, Physiology, Biochemistry, Microbiology) with 6 years teaching experience
- MD (Microbiology/Biochemistry/Pathology/Physiology)with 2 years teaching experience
- MS (Anatomy, Physiology, Biochemistry, Microbiology) with 2 years teaching experience
- M.Sc. Phd - minimum 3 year
- M.Sc. MLT (2 years course) (Clinical Biochemistry, Clinical Microbiology & Immunology, Hematology& Blood Banking) - minimum 07 years teaching experience

Assistant Professor:

- M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology) with 3 years teaching experience
- M.Sc. Phd. M.Sc. MLT (02 years course) (Clinical Biochemistry, Clinical Microbiology & Immunology, Hematology& Blood Banking) - minimum 4 years teaching experience
- M. D. (Biochemistry, Microbiology, Pathology) Fresh candidate

Lecturer:

- M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology)
- M.Sc. MLT (02 years course) (Clinical Biochemistry, Clinical Microbiology & Immunology, Haematology & Blood Banking)

Tutor/Lab instructor :

B.Sc. MLT

Minimum no. of Faculty in each Department:

Anatomy : ONE

Physiology: ONE

Biochemistry: THREE

Microbiology: THREE

Pathology: THREE

For PG teaching, faculty with relevant specializations is mandatory. For Guide student ratio to follow university guidelines.

ONLY for Anatomy & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects
Part time teachers' services can be availed for subsidiary subjects

Library: Standard reference books and journals should be made available in each of the subject speciality. Each subject should have 50 books each .

Clinical work load

- Rotational Postings:30 days in 2nd year and 30 days in 3rd year

Phlebotomy

Microbiology (Bacteriology & Immunology)

Biochemistry

Blood bank

Pathology (Haematology, Histopathology & Clinical Pathology) Cytogenetics is optional



Masters in Hospital Administration

(MNSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT Additional courses (Allied Health Sciences)

Name of the college:
Courses Applied:

.....

Sl. No	Particulars	Existing Guidelines as per GOK/ RGUHS Norms	Details furnished by the Trust	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Year in which college has started			
4.	Financial worthiness / Audit Report	Current Account with 15 lakhs turn over for last 03 financial year (cumulative)		
5.	Clinical facilities a) Hospital NABH accredited Or Government hospital		Own 100 bedded/ Parent Hospital	
			Managed and controlled by a member of the Trust	
			The owner of the Hospital is a member of the Trust	
			Pollution control board certificate for 100 beds	

10.	a) Teaching Block	➤	Minimum 23,720 sqft		
11.	b) Class Room	➤	Minimum of 4 Rooms (Each not less than 400 sqft) [BHA +MHA =6 ROOMS]		
12.	Office rooms	➤	1 minimum 200 sqft		
13.	Staff rooms	➤	1 minimum 750 sqft		
14.	Common rooms separate [boys and girls]	➤	Minimum 200 sq ft		
15.	Toilets Boys and Girls	➤	Minimum 100 sqft		
16.	Seminar room	➤	Minimum 800 sqft		
17.	Library	➤	Minimum 1500 sqft		
18.	c) Laboratories	➤	Minimum 1 Central diagnostic lab in hospital (subjective to course)		
	LIBRARY		500-750 BOOKS for BHA and MHA course together		
	Library Books				
19.	➤ Computer systems and internet facilities		Online E journals and physical journals /publications. Hospital Mgt related, quality, HIC and general publications		
	Publications				
20.	d) Hostel facilities for students				

23.	Other Teaching facilities	➤	02		
	Warden / Hostel staff details	➤			
24.	Vehicle Details	➤	Bus		
25.	Sports & Recreation Facilities	➤	Outdoor Facility & Indoor Facility		
26.	KPME Certificate				
27.	Lab Equipments				
28.	Opinion of the of the Scrutiny Committee for LIC inspection				

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

B.Sc Anaesthesia & Operation Theatre Technology

(M.S.R)



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ
 ಆನ್ಲೈ ಆ ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೪೧.
 RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
 4TH 'T' Block, Jayanagar, Bangalore - 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/ INCREASED INTAKE COLLEGE)

Name of the Proposed college:
 Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RCUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities a) Hospital NABH Accredited or Government Hospital	Own 100 bedded Hospital / Parent Hospital		
			Managed and controlled by a member of the Trust	
			The owner of the Hospital is a member of the Trust	
			Pollution control board certificate for 100 beds	
	b) OPD / IPD & Bed	OPD per day : Minimum 150-200/day		

10.	Principal	➤	01		
11.	Teaching Staff	➤	List enclosed		
12.	Non Teaching staff & others	➤	03		
13.	Vehicle Details	➤	Bus		
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
15.	KPME Certificate	➤			
16.	Lab Equipments	➤	List Enclosed		
17.	Teaching faculty/ Clinical material	➤	Table Enclosed		
18.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

List of Equipments:

- Required in operation theatre:
 1. Laryngoscope (Different types)
 2. Anaesthesia Machine
 3. Defibrillator
 4. Electrocautery
 5. Infusion pump
 6. Difficult intubation cart
 7. Crash cart
 8. Anaesthesia Drugs
 9. Suction apparatus
 10. Surgical instruments
 11. Breathing circuits
 12. Spinal, epidural & CVP sets
 13. OT Table
 14. Mayo stand and surgical trolley
 15. Observation table
 16. Sterilisation equipments
- Anaesthesia machines or workstations should contain multipara monitors with NIBP, ETCO₂, SPO₂
- Post anaesthesia / recovery room
- One IABP is desirable
- Other facilities like ABG, ECHO, Mobile X ray, Blood Bank (Component facilities) should be available.
- Students should be exposed to all types of surgeries like major and minor surgeries and speciality surgeries like cardiac, neuro, ortho and other specialities.

in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTTH/AHS/317/2008-09 dated 01.08.2008.

4. In case of admission to B.Sc. Imaging Technology Or B.Sc. Radiotherapy Technology the candidate should have passed Pre University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects
- b. Candidates who have completed diploma or vocational course through correspondences shall not be eligible for any of the courses mentioned above

B. INFRASTRUCTURE:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 20 students. (each not less than 600 sq. R. each)
- Lab equipments for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
 - a. Board (Black or White) - Mandatory
 - b. Multimedia / Computer and its accessories / LCD Projector- Mandatory

C. MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

- **ANATOMY :**
Specimens, Models, Charts, Dissected body parts, slides as per syllabus.
- **PHYSIOLOGY:**
One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.
- **BIOCHEMISTRY:**
Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / ketone bodies, proteins etc.
- **MICROBIOLOGY:**
Microscope, Hot air oven, Autoclave, Incubator ,Electronic analytical balance , Water bath ,Vortex mixer ,Laminar air flow chamber ,Glass wares (beaker, conical flask, pipettes, test tubes, petridish) ,Refrigerator ,Felix & drayer's tube ,Bunsen burner ,Culture media ,Centrifuge ,Inoculation loop ,Latex agglutination tiles ,Vdrrotator ,L4cintoshilder anaerobic jar , Micro titre plate ,Tnspisator

Minimum no. of Faculty in each Department:

Anatomy: ONE
Physiology: ONE
Biochemistry: ONE
Microbiology: ONE
Pathology: ONE

ONLY for Anatomy & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects
Part time teachers' services can be availed for subsidiary subjects

Library: Standard reference books and journals should be made available in each of the subject speciality. Each subject should have 50 books each.



B.Sc Medical Imaging Technology (MSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
 Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College
	Name of the Trust / Society	Trust / Society should be registered	
	Date of Registration		
	Minimum age of the Trust / Society	Minimum 3 years	
	Audit Statement of the Trust / Society	Past 03 year	
	Government Hospital /Diagnostics Or Hospital/Lab be accredited by NABH /NABH	Should own all the equipment mentioned in the mandatory requirements Managed and controlled by a member of the Trust The owner of the Hospital is a member of the Trust All the Radio-Diagnostic units should get registered under AERB All the USG units and other Imaging systems should get registered under PNDT Act	

	Vehicle Details	Bus		
	Sports & Recreation Facilities	Outdoor Facility & Indoor Facility		
	KPME Certificate			
	NABL/NABH certificate			
	Lab Equipment	Please refer Annexure-1		
	Teaching faculty/Clinical material *	Please refer Annexure-2		
	Opinion of the of the Scrutiny Committee for LIC inspection			

Annexure-1

Lab Equipment:

1. Minimum Mandatory Equipment

- Mobile Digital X-ray Machine - 2 Nos
- Fixed Digital X-ray Machine with Bucky Table - 1 No
- Radiography and Fluoroscopy Unit - 1 No
- CT Scanner - 1 No
- MRI Unit - 1 No
- Dental X-ray Unit - 1 No
- Mammography Unit - 1 No

Clinical Workload & Infrastructure			
Clinical Workload Minimum No of X-ray imaging being done per day	30	70	
Clinical Workload Minimum No of CT Scans being done per day	10	20	
Clinical Workload Minimum No of MR Imaging being done per day	5	10	
Clinical Workload Minimum No of Fluoroscopy procedures being done per month	5	10	

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

1. Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from Sl.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

,Centrifuge ,Inoculation loop ,Latex agglutination tiles ,Vdrirotator ,LAcintoshfilter anaerobic jar , Micro titre plate ,Tnspisator
●ATHOLOGY:

Haemocytometer — rbc&wbc count ,Haemoglobinometer ,Wintrobess tube, Westergren tube & stand ,Lancet ,Capillary tube ,Whatsman no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain ,Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coombs's reagent, Phosphate buffer, Distilled water

4. Teaching Staff:

Principal / Professor & HOD,
MD (Radiology) with 10 years teaching experience.

M.Sc. Medical Physics or equivalent with 10 years teaching experience.
M.Sc. MIT (2 years course) with 12 years teaching experience in a MIT College
PhD from faculty of medicine/Allied health experiences with 5 years post PhD teaching experience

Associate Professor:

M.Sc. Medical (Anatomy, Physiology, Biochemistry, Microbiology) with 7 years teaching experience
MD (Radiology)with 2 years teaching experience
M.Sc. Medical Physics or equivalent with 7 years teaching experience.
M.Sc. MIT with 8 years teaching experience.
MS (Anatomy, Physiology, Biochemistry, Microbiology) with 2 years teaching experience
M.Sc. Medical Physics or equivalent + PhD with minimum 3 year of experience.
M.Sc. MIT + PhD with minimum 5 year of experience.

Assistant Professor:

M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology) with 3 years teaching experience
M.Sc. Medical Physics or equivalent with 3 years teaching experience.
M.Sc. MIT - minimum 4 years teaching experience
MD(Radiology) Fresh candidate

Lecturer:

M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology) with one year experience
M.Sc. Medical Physics or equivalent with 1 year experience.
M.Sc. MIT (02 years course) with 2 year experience.

Tutor/Lab instructor :
B.Sc. MIT

Minimum no. of Faculty in each Department:
Anatomy : ONE

Clinical work load

Rotational Postings:30 days in 2nd year and 30 days in 3rd year

Phlebotomy

Microbiology (Bacteriology & Immunology)

Biochemistry

Blood bank

Pathology (Haematology, Histopathology & Clinical Pathology) Cytogenetics is optional



M.Sc Echocardiography (MSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities			
	a) Hospital/Lab Should be accredited by NABL/NABH or Government hospital/Lab	➤ 100 bedded hospital		
		➤ Managed and controlled by a member of the Trust		
		➤ The owner of the Hospital/Lab is a member of the Trust		
		➤ Pollution control board certificate for 100 beds		
	b) Procedures per day	➤ As mentioned in table below		
6.	c) Distance between Hospital/Lab & College	➤ Minimum 20 kilometre radius in city limits		
		➤ Minimum 30 kilometre radius in rural areas.		
		➤ Owner of the building		
	Building (Own)	➤ Details of property (Property No &		

18.	Teaching faculty/Clinical material *	➤	Table enclosed	
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤		

*

Subject	For 10 seats intake	For 15 Seats intake	For 20 seats intake
DN (Cardiology)/LI.Sc. Cardiac Care, Perfusion Tech, Echocardiography (HOD)	01	01	01
Associate Prof DOI (Cardiology)/M.Sc. Cardiac Care, Perfusion Tech, Echocardiography		01	01
Lectures / Assistant Prof / Associate Prof - Anatomy	01	01	01
Lecturer/Assistant Prof / Associate Prof - Physiology	01	01	01
Lecturer/Assistant Prof / Associate Prof — Biochemistry	01	01	01
Lecturer/Assistant Prof / Associate Prof — Microbiology	01	01	01
Lectures/Assistant Prof / Associate Prof — Pathology	01	01	01
Tutor (B.Sc. Cardiac care / Perfusion Tech)	01	01	02
Clinical Workload & Infrastructure			
Cath Lab procedures	01-02/day	01-02/day	01-02/day
Echo procedures	15-20/day	20-30/day	30-40/day
TMT procedures	10-15/day	15-20/day	20-30/day

Functioning Equipment:

Non — Invasive:

- a. ECG Manual — 02
 - b. ECG Computerised — 01
 - c. Stress System Computerised — 01
 - d. Bicycle Ergometry — 01
 - e. Echocardiography — 01
- With Following
- CFM
 - Spectral
 - 2D

Rotational Postings:

- a. ECG Department
- b. Stress Test — Tread Mill / Holter Monitoring section
- c. Echo / Doppler section postings
- d. Cath Lab
- e. Cardiothoracic Unit
- f. I.C.C.U
- g. Cardiology
- h. Cardiac Anaesthesia

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

1. Teaching Staff:

Principal / Professor & HOD,
DM(Cardiologist) with five years Teaching Experience in a Medical College
M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology (2 years course) with 10 years teaching experience in a College

2. Associate Professor:

- nd *. Sc. fmedical {Anato.v\ Physin:rv y, l"i"ncher, .str/, i rnhioley, F'harmacocolg\):-<itth.
6 years teaching experience
M.Sc. ELT (2 years course) Microbiology/Biochemistry/Hematology with 7 yearsteaching experience
- b) ID (Microbiology/Biochemistry/Pathology/Physiology/Pharmacology)-
PLS(Anatomy)- As per MCI/NMC norms
- c) N.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology Phd -minimum 3 year
- d) M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology (2 years course) - minimum 07 years teaching experience

3. Assistant Professor:

- a) M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology) with 3 years teaching experience
M.Sc. MLT (2 years course) Microbiology/Biochemistry/Haematology with 4 yearsteaching experience
- b) M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology Phd.
- c) M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology (02years course) - minimum 4 years teaching experience
- d) M. D.(Biochemistry, Microbiology, Pathology, Pharmacology) - As per MCI/NEC norms
- e) MS(Anatomy)- As per MCI/NMC norms

4. Lecturer:

- a) M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology)
N.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 7 yearsteaching experience
- b) M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology (02years course)

5. Tutor:

B.Sc. CCT/Perfusion Technology





M.Sc Clinical Research (MScR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA

4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH COLLEGE)

Name of the Proposed college:
 Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/RCUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities	a) Hospital/Clinical Diagnostic facility NABL/NABH accredited or Government hospital /Lab	➤ Managed and controlled by a member of the Trust	
			➤ The owner of the Hospital/Lab is a member of the Trust	
			➤ Pollution control board certificate for 200 samples	
			➤ 200 samples per day / 30 patients per day	
			➤ Space for Teaching program	
			➤ Minimum 20 kilometre radius in city limits	
6.	Building (Own)	c) Distance between Hospital & College d) Clinical Research Organization	➤ Minimum 30 kilometre radius in rural areas.	
			➤ Owner of the building	
			➤ Details of property (Property No & Building Photos)	
			➤ Total sqft 23,720 Sqft	
			➤ Building plan approved by the competent authority	
			➤ Up to date tax paid receipt	

Minimum faculty requirements for seats sanctioned

Subject	For 10 seats intake	For 20 Seats intake	For 40 seats intake
Ph.D / MD Medicine / Pathology / Biochemistry // Pharmacology	01	01	01
M.Sc Biostatistics or Ph.D in Biostatistics – Associate Professor	01	01	01
Lecturer / Asst. Prof/ Asso, Prof – Pharma Background	01	01	02
Lectures/Assistant Prof / Asso, Prof – M.Sc., Clinical Research	01	02	03
Lectures/Assistant Prof / Asso. Prof – Molecular Biology	01	02	02

**ASSISTANT REGISTRAR
DEPUTY REGISTRAR**

Functional equipments :

Sl.No	Annexure I	Required Yes / No
I. Clinical Pharmacology		
1	Animal House Facility	Desirable
2	HPLC Equipment with PDA Detector	
3	pH Meter	
4	Magnetic Stirrer	
5	Vacuum Pump	
6	Kymograph (Drum)	
7	Thin Layer Chromatography setup	
8	Auto pipettes Set	
9	Organ Bath	
10	Lagendroff System	
11	Fluorescence Micro plate Reader	
12	Solvent Filtration Unit	
13	Rabbit handling Instrument	
14	Autoclave	
II. Biochemistry		

42	10 KV UPS Facility		
43	Rosmol , Tiger, Perl softwares		
44	MedDRA, COSTART, WHODRL Coding dictionaries		

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

- Marks cards of all the university examinations passed.
- Migration certificate.
- Certificate of conduct.
- Proof of SC/ST or category-I as the case may be.
- Aadhar Card Number

Candidates should obtain the eligibility certificate before the last date for admission as notified by the university.

A candidate who has been admitted to post-graduate course should register his/her name in the university within a month of admission after paying the registration fee.

6. Medium of instruction

English shall be the medium of instruction for the subjects of study as well as for the Examination.

7. Course of study

The course shall be pursued on full time basis. There are two optional in M.Sc Clinical Research course. However, both study and examination for main and subsidiary subjects in first year (Two semesters) shall be common to students coming from life science background. In the second year the student shall study subject of his/ her chosen branch. Students shall be posted to RGUHS approved hospitals or clinical laboratories during the practical hours.

8. Infrastructure:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 25 students. (800 Sq. ft. each)
- Lab equipment's for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
- Board (Black or White) - Mandatory
- Multimedia / Computer and its accessories / LCD Projector- Mandatory

9. Qualification and experience required for an appointment of teachers on fulltime basis for Clinical Research Courses

10. Teaching Staff:

a. Principal / Professor & HOD,

- i. M.Sc., Clinical Research or M.Sc. Biochemistry (Medical) or M.Sc. Microbiology (Medical) or M.Sc. Human Physiology (Medical) or M.Pharma or M.Sc. Pharmaceutical Sciences or MD Biochemistry / Microbiology / Pathology / Physiology / Molecular Biology/ Pharmacology or M.Sc. MLT Clinical Chemistry / Microbiology & Immunology / Hematology & Transfusion Medicine or M.Sc. Biostatistics with minimum 9 years' experience in a teaching / research institution and the candidate should have secured a Ph.D. in the concerned area of his/her subject expertise.
- ii. The candidate should have published a minimum *of 5 research papers* in national or international publication as an author or co-author in the area of his /her subject expertise.
- iii. The candidate should have had a diploma or certificate for having trained in field of Clinical Research.

b. Associate Professor:

- i. M.Sc. Medical (Stream) with 6 years teaching experience
MD, Faculty of Medicine stream - 5 years teaching experience

c. Assistant Professor:

- i. M.Sc. Medical (03 years course) with 3 years teaching experience
- ii. M.Sc. Non Clinical (02 years course) - minimum 4 years teaching experience
- iii. M. D.(Faculty of Medicine } Fresh candidate

d. Lecturer

- i. M.Sc. in Medical stream (03 years course) - Freshers
- ii. M.Sc. Clinical Research (02 years course) - Freshers



(MPH)

Masters in Public Health

(MSR)

ಗೌರವಾನ್ವಿತ ಡಾ. ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಬೆಂಗಳೂರು

4TH & 7TH FLOOR, DAIJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE - 560 041.

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA

4TH & 7TH Block, Jayanagar, Bangalore - 560 041.

Minimum Standard Requirement for Colleges offering MPH Program

Name of the College:
Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RCUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Separate Public Health College	MPH course shall be offered by a separate public health college that has been registered and recognized by Government of Karnataka. It shall not be offered by any department of other colleges.		
5.	Audit Statement of the Trust / Society	Past 03 year		
6.	Building (Own)	<input type="checkbox"/> Owner of the building <input type="checkbox"/> Details of property (Property No & Building Photos) <input type="checkbox"/> Total sqft 23,720 Sqft <input type="checkbox"/> Building plan approved by the competent authority <input type="checkbox"/> Up to date tax paid receipt		

		<input type="checkbox"/> RTC of land <input type="checkbox"/> Any court case pending against the property		
7.	Building (Rent / Lease)	<input type="checkbox"/> Rental / Lease agreement for minimum 05 years		
8.	Infrastructure			
	a) Teaching Block	<input type="checkbox"/> Minimum 23,720 sqft		
	b) Class Room	<input type="checkbox"/> 3 Rooms (Each not less than 600 sqft or 10Sqft / student) <input type="checkbox"/> For Institutions who wants to start MPH with concentration <input type="checkbox"/> Should have respective department with qualified teaching faculty (Each not less than 600 sqft) subjective to course		
	c) Departments	<input type="checkbox"/>		
	d) Seminar hall / Auditorium (any one)	<input type="checkbox"/> Minimum 1 seminar hall		
	e) Library Books	<input type="checkbox"/> Should have minimum 350 books or 50 books in each different title on each subject, which ever required for the course <input type="checkbox"/> at least 2 national's journals / international journals (paper/digital) <input type="checkbox"/> Digital Library facility		
	f) Civic facilities	<input type="checkbox"/> Drinking water <input type="checkbox"/> Common Room / Students lounge <input type="checkbox"/> Boys and Girls Toilets		

	g) Hostel facilities for students	➤	Boys Girls For intake of upto- 30 students No of Teaching Staffs Minimum 5 fulltime For Institutions who wants to start MPH with concentration Should have respective department with qualified teaching faculty can be within the 5 already stated above		
9.	Staff details	➤	Note: Same qualified faculty can teach both BPH and MPH, if the college is offering both the programs.		
10.	Principal	➤	01		
11.	Non Teaching staff & others	➤	01 Admin Staff 01 Attender 01 Librarian		
12.	Vehicle Details	➤	Transportation facility: At least one transport bus with capacity for required number of students		
13.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
14.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

ASSISTANT REGISTRAR

DEPUTY REGISTRAR



BA Bachelor of Public Health (CMSR)
ಗೌರವ ಗೌರವ ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದಿಂದ
 4TH FLOOR, RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BANGALORE - 560 041.
 4TH 'T' Block, Jayanagar, Bangalore - 560 041.

Minimum Standard Requirement for Colleges offering BPH Program

Name of the College:
 Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Separate Public Health College/Government Hospital	BPH course shall be offered by a separate public health college that has been registered and recognized by Government of Karnataka. It shall not be offered by any department of other colleges.		
5.	Audit Statement of the Trust / Society	Past 03 year		
6.	Building (Own)	➤ Owner of the building		
		➤ Details of property (Property No & Building Photos)		
		➤ Total sqft 23,720 Sqft		
		➤ Building plan approved by the competent authority		
		➤ Up to date tax paid receipt		
		➤ RTC of land		

		➤	Any court case pending against the property		
7.	Building (Rent / Lease)	➤	Rental / Lease agreement for minimum 05 years		
8.	Infrastructure				
	a) Teaching Block	➤	Minimum 23,720 sqft		
	b) Class Room	➤	4 Rooms (Each not less than 600 sqft or 10Sqft / student)		
	c) Laboratories	➤	Public Health Laboratory Minimum 01 (Each not less than 600 sqft) subjective to course		
	d) Seminar hall / Auditorium (any one)	➤	Minimum 1 seminar hall		
	e) Library Books	➤	Should have minimum 350 books or 50 books in each different title on each subject, which ever required for the course		
	f) Civic facilities		Digital Library facility		
		➤	Drinking water Common Room / Students lounge Boys and Girls Toilets		
	g) Hostel facilities for students	➤	Boys Girls		
9.	Staff details	➤	For intake of upto- 40 students No of Teaching Staffs Minimum 5 fulltime		

			Note: Same qualified faculty can teach both BPH and MPH, if the college is offering both the programs.		
10.	Principal	➤	01		
11.	Non Teaching staff & others	➤	01 Admin Staff 01 Attender 01 Librarian		
12.	Vehicle Details	➤	Transportation facility: At least one transport bus with capacity for required number of students		
13.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
14.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

ASSISTANT REGISTRAR

DEPUTY REGISTRAR



B.Sc Perfusion Technology (MSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities a) Hospital/Lab Should be accredited by NABL/NABH or Government hospital/Lab	➤	Should own a 100 bedded hospital	
➤		Managed and controlled by a member of the Trust		
➤		The owner of the Hospital/Lab is a member of the Trust		
➤		Pollution control board certificate for 100 bedded		
	b) Samples/cases per *	➤	As mentioned in the table	
	c) Distance between Hospital/Lab &	➤	Minimum 20 kilometre radius in city limits	

	College	➤	Minimum 30 kilometre radius in rural areas.		
6.	Building (Own)	➤	Owner of the building		
		➤	Details of property (Property No & Building Photos)		
		➤	Total sqft 23,720 Sqft		
		➤	Building plan approved by the competent authority		
		➤	Up to date tax paid receipt		
		➤	RTC of land		
		➤	Any court case pending against the property		
7.	Building (Rent / Lease)	➤	Not allowed		
8.	Infrastructure				
	a) Teaching Block	➤	Minimum 23,720 sqft		
	b) Class Room	➤	3 Rooms (Each not less than 600 sqft)		
		➤	1 seminar hall (not less than 800 sqft for Msc programme)		
	c) Laboratories	➤	Minimum 03 (Each not less than 800 sqft) subjective to course		
	d) Library Books	➤	50 books in each subject		
		➤	2 journals (National/international for MSc programme)		
	e) Hostel facilities for students	➤	Separate Hostel for boys and girls with separate wardens		
9.	Staff details	➤	No of Teaching Staffs		
10.	Principal	➤	01		
11.	Teaching staff	➤	07(including the visiting/part time faculty)		

12.	Non Teaching staff & others	➤	03		
13.	Vehicle Details	➤	Bus		
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
15.	KPME Certificate	➤			
16.	NABL/NABH certificate	➤			
17.	Lab Equipments	➤	List enclosed		
18.	Teaching faculty/Clinical material *	➤	Table enclosed		
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

*

10. Minimum faculty requirements for seats sanctioned

Subject	For 10 seats intake	For 15 Seats intake	For 20 seats intake
DM (Neurology)/M.Sc. Neuroscience Tech (HOD)	01	01	01
Associate Prof DM (Neuro)/M.Sc. Neuroscience Tech	-	01	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01	01	01
Lecturer/Assistant Prof / Associate Prof - Physiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Biochemistry	01	01	01
Lecturer/Assistant Prof / Associate Prof – Microbiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Pathology	01	01	01
Tutor (B.Sc. Neuroscience Tech)	01	01	02
Clinical Workload & Infrastructure			
ENMG Lab	01	01	02
EEG Lab	01	01	02
Video Telemetry Lab	01	01	01
Mechanical / Electronics Lab	01	01	01
ENMG cases/day	05	10	20
EEG cases /day	05	10	20

1. Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from Sl.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

1. Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

3. Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

1. The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to Vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

2. Candidates with two years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 shall have passed Diploma [10+2] with Physics, Chemistry and Biology, as subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 should have studied Physics, Biology and Chemistry as subjects during the tenure of the course.

3. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by RGUHS, fulfilling the conditions specified above under sl. No. 5 and these students are eligible to take admission on lateral entry system only in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTH/AHS/317/2008-09 dated 01.08.2008.

4. In case of admission to B.Sc. Imaging Technology Or B.Sc. Radiotherapy Technology the candidate should have passed Pre University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects
- b. Candidates who have completed diploma or vocational course through correspondence shall not be eligible for any of the courses mentioned above

2. INFRASTRUCTURE:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 20 students. (each not less than 600 sq. R. each)
- Lab equipments for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
 - a. Board (Black or White) - Mandatory
 - b. Multimedia / Computer and its accessories / LCD Projector- Mandatory

3. MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

- **ANATOMY :**
Specimens, Models, Charts, Dissected body parts, slides as per syllabus.
- **PHYSIOLOGY:**
One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.
- **BIOCHEMISTRY:**
Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / ketone bodies, proteins etc.
- **MICROBIOLOGY:**
Microscope, Hot air oven, Autoclave, Incubator, Electronic analytical balance, Water bath
, Vortex mixer, Laminar air flow chamber, Glass wares (beaker, conical flask, pipettes, test tubes, petridish), Refrigerator, Felix & drayer's tube, Bunsen burner, Culture media, Centrifuge, Inoculation loop, Latex agglutination tiles, Vdrirotator, L4cintoshilder anaerobic jar, Micro titre plate, Tnspisator
- **PATHOLOGY:**
Haemocytometer — rbc&wbc count, Haemoglobinometer, Wintrosbes tube, Westergren tube & stand, Lancet, Capillary tube, Whatsmann no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain, Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coomb's reagent, Phosphate buffer, Distilled water

1. Teaching Staff:

1. Principal / Professor & HOD,
DM(cardiologist) with five years Teaching Experience in a Medical College
M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology
(2 years course) with 10 years teaching experience in a College

2. Associate Professor:

1. M.Sc. Medical (Anatomy, Physiology, Biochemistry, Microbiology, pathology, Pharmacology) with 6 years teaching experience
M.Sc. MLT (2 years course) Microbiology/ Biochemistry/
Hematology with 7 years teaching experience
2. MD(Microbiology/Biochemistry/Pathology/Physiology/Pharmacology)
3. MS(Anatomy)
As per MCI/NMC norms
4. M.Sc.Cardiac Care/Perfusion Technology / Echo Cardiography Technology
Phd - minimum 3 year
M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography
Technology (2 years course) - minimum 07 years teaching
experience

3. Assistant Professor:

1. M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology) with 3 years teaching experience
2. M.Sc. Phd.
3. M.Sc. Cardiac Care/Perfusion Technology / Echo Cardiography Technology (2 years course)
4. M. D. (Biochemistry, Microbiology, Pathology/Pharmacology) - As per MCI/NMC norms
5. MS(Anatomy)-As per MCI/NMC norms

4. Lecturer:

- M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology)
- M.Sc. Perfusion(02 years course)

5. Tutor:

B.Sc. Perfusion

Minimum no. of Faculty in each Department:

- **Anatomy :** ONE
- **Physiology :** ONE
- **Biochemistry :** ONE
- **Microbiology :** ONE
- **Pathology :** ONE
- **Pharmacology :** ONE
- For PG teaching, faculty with relevant specializations is mandatory.
- **M.Sc. Perfusion :** TWO
- **B.Sc. Perfusion :** At least ONE in each dept.
- **Lab Instructors :** At least ONE in each departmental practical laboratory
- Qualified Technician with 3 years experience. : ONE

ONLY for Anatomy & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects

Part time teachers services can be availed for subsidiary subjects

Note: Mentioned in the syllabus be made available mandatorily

6. Minimum number of faculty: As mentioned above

7. Library: Standard reference books and journals should be made available in each of the subject speciality.

Note: Books mentioned in the syllabus be made available mandatorily

8. A Hospital / Laboratory :

9. One of the major medical technological breakthroughs in the the development of Heart-Lung Machine. This was devised to maintain the human body in living condition, even when the heart and lungs are not functioning. The removal of carbon dioxide from and addition of oxygen to the blood takes place through it.

This enables the surgeon to make necessary cardiac repairs.

10. A perfusionist is a skilled allied health professional, trained and educated specifically as a member of an open-heart surgical team, responsible for the selection, setup and operation of a Heart-Lung Machine and other life support system like IABP, LVAD, RVAD & ECMO.

Functioning Equipment:

List of equipment required in Perfusion Laboratory :

- **Heart-lung machine** with hypothermia machines (2)
- **Simulator (2)**
- **Oxygenator** (neonatal, pediatric, semi-adult, adult- each 3 nos)
- **Custom tubing pack** (available in different sizes of tubing- 20 nos)

- Priming solutions (RL, NS, Mannitol)
 - Three ways (50 no's)
 - Pressure Monitoring Lines (50 no's)
 - Blood cardioplegia Device (10 no's)
 - Syringes (50 ml, 25ml, 20ml, 10ml, 5ml, 2ml)
 - Pressure transducer 10 no's of Clamps
 - Drugs (Heparin, SNP, NTG, Fentanyl, Neosynephrine, Epinephrine)
 - IABP (Intra-aortic Balloon Pump)
 - Intra-aortic balloon (24cc, 30cc, 40cc)
 - ECMO Machine , Oxygenator and circuit
 - Cannula (Arterial cannula, venous cannula in different sizes and types)
 - Different sizes of tubing's
 - Sterile glows (50 no's)
 - Sterile blade (100 no's)
 - Pressure Bag
 - Should have one IABP.
- Other facilities such as ACT, ABG, ECHO, TPI, Mobile X-ray, Blood Bank (Component facilities) should be available

11. Clinical work load

Facilities	10 students
Operation Theatres	3
Number of general surgeries	15-20
Specialized Surgeries - Cardiac, Neuro, Ortho, OBG, Gastro and other major specializations	5 to 7

A Logbook to be maintained with details of all the postings for each of the student.

12. Minimum faculty requirements for seats sanctioned

Subject	For 10 seats intake	For 15 Seats intake	For 20 seats intake
DM (Cardiology)/M.Sc. Cardiac Care, Perfusion Tech, Echocardiography (HOD)	01	01	01
Associate Prof DM (Cardiology)/M.Sc. Cardiac Care, Perfusion Tech, Echocardiography	-	01	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01	01	01
Lecturer/Assistant Prof / Associate Prof - Physiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Biochemistry	01	01	01

Lecturer/Assistant Prof / Associate Prof -- Microbiology	01	01	01
Lecturer/Assistant Prof / Associate Prof -- Pathology	01	01	01
Tutor (B.Sc. Cardiac care / Perfusion Tech)	01	01	02
Clinical Workload & Infrastructure			
Operation Theatres	03	03	04
Number of general surgeries	15- 20/day	20- 30/day	30- 40/day
Specialized Surgeries - Cardiac, Neuro, Ortho, OBG, Gastro and other major specializations	05- 07/day	08- 10/day	11- 15/day



B. Sc Radiotherapy

(MSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGHHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities	Should own a 100 bedded hospital	Should own a 100 bedded hospital	
			Managed and controlled by a member of the Trust	
			The owner of the Hospital/Lab is a member of the Trust	
			Pollution control board certificate for 100 bedded	
b) Samples/cases per *		As mentioned in the table		
c) Distance between Hospital/Lab &		Minimum 20 kilometre radius in city limits		

	College	➤	Minimum 30 kilometre radius in rural areas.		
6.	Building (Own)	➤	Owner of the building		
		➤	Details of property (Property No & Building Photos)		
		➤	Total sqft 23,720 Sqft		
		➤	Building plan approved by the competent authority		
		➤	Up to date tax paid receipt		
		➤	RTC of land		
		➤	Any court case pending against the property		
7.	Building (Rent / Lease)	➤	Not allowed		
8.	Infrastructure				
	a) Teaching Block	➤	Minimum 23,720 sqft		
	b) Class Room	➤	3 Rooms (Each not less than 600 sqft)		
		➤	1 seminar hall (not less than 800 sqft for Msc programme)		
	c) Laboratories	➤	Minimum 03 (Each not less than 800 sqft) subjective to course		
	d) Library Books	➤	50 books in each subject		
		➤	2 journals (National/International for MSc programme)		
	e) Hostel facilities for students	➤	Separate Hostel for boys and girls with separate wardens		
9.	Staff details	➤	No of Teaching Staffs		
10.	Principal	➤	01		
11.	Teaching staff	➤	07 (including the visiting/part time faculty)		

12.	Non Teaching staff & others	➤	03		
13.	Vehicle Details	➤	Bus		
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
15.	KPME Certificate	➤			
16.	NABL/NABH certificate	➤			
17.	Lab Equipments	➤	List enclosed		
18.	Teaching faculty/Clinical material *	➤	Table enclosed		
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

*

1. Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from Sl.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

1. Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

3. Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

1. The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to Vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

2. Candidates with two years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 shall have passed Diploma [10+2] with Physics, Chemistry and Biology, as subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 should have studied Physics, Biology and Chemistry as subjects during the tenure of the course.

3. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by RGUHS, fulfilling the conditions specified above under sl. No. 5 and these students are eligible to take admission on lateral entry system only in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTH/AHS/317/2008-09

dated 01.08.2008.

In case of admission to B.Sc. Imaging Technology Or B.Sc. Radiotherapy Technology the candidate should have passed Pre University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects
- b. Candidates who have completed diploma or vocational course through correspondences shall not be eligible for any of the courses mentioned above

2. INFRASTRUCTURE:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 20 students. (each not less than 600 sq. R. each)
- Lab equipment's for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
 - a. Board (Black or White) - Mandatory
 - b. Multimedia / Computer and its accessories / LCD Projector- Mandatory

3. MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

- **ANATOMY :**
Specimens, Models, Charts, Dissected body parts, slides as per syllabus.
- **PHYSIOLOGY:**
One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.
- **BIOCHEMISTRY:**
Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / ketone bodies, proteins etc.
- **MICROBIOLOGY:**
Microscope, Hot air oven, Autoclave, Incubator, Electronic analytical balance, Water bath, Vortex mixer, Laminar air flow chamber, Glass wares (beaker, conical flask, pipettes, test tubes, petridish), Refrigerator, Felix & drayer's tube, Bunsen burner, Culture media, Centrifuge, Inoculation loop, Latex agglutination tiles, Vortex rotator, L4cintoshilder anaerobic jar, Micro titre plate, Trnspisator
- **PATHOLOGY:**
Haemocytometer — rbc&wbc count, Haemoglobinometer, Wintrob's tube, Westergren tube & stand, Lancet, Capillary tube, Whatman no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain, Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coomb's reagent, Phosphate buffer, Distilled water

1. Teaching Staff:

1. Principal / Professor & HOD,

- a. MD - Radiation Oncology with DM(Radiation Oncology)/MD Nuclear Medicine 5 yrs. Teaching Experience in a Medical College
- b. M.Sc. Radiotherapy / Radiation Physics/Nuclear Medicine (2 years course) with 10 years teaching experience in a College

2. Associate Professor:

- a. M.Sc. Medical (Anatomy, Physiology, Biochemistry, Microbiology,pathology,Pharmacology) with 6 years teaching experience
- M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 7 years teaching experience
- b. MD(Microbiology/Biochemistry/Pathology/Physiology/Pharmacology)
- c. MS(Anatomy)
As per MCI/NMC norms
- d. M.Sc.Radiotherapy / Radiation Physics/Nuclear MedicinePhd - minimum 3 year
- e. M.Sc. Radiotherapy / Radiation Physics / Nuclear Medicine (2 years course) - minimum 07 years teaching experience

3. Assistant Professor:

- a. M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology,Pathology,Pharmacology) with 3 years teaching experience
- M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 4 years teaching experience
- b. M.Sc. Radiotherapy / Radiation Physics/Nuclear Medicine Phd.
- c. M.Sc. Radiotherapy/Nuclear Medicine (02 years course teaching experience
- d. M.Sc. Radiation Physics-03 years course teaching experience
- e. M. D.(Biochemistry, Pathology/Pharmacology) - As per MCI/NMC norms
- f. MS(Anatomy)- As per MCI/NMC norms

4. Lecturer:

- a. M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry, Microbiology,Pathology,Pharmacology)
- M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology
- b. M.Sc. Radiotherapy/ Radiation Physics/Nuclear Medicine(02 years course)

5. Tutor:

B.Sc. Radiation Therapy

Minimum no. of Faculty in each Department:

- **Anatomy :** ONE
 - **Physiology :** ONE
 - **Biochemistry:** ONE
 - **Microbiology:** ONE
 - **Pathology:** ONE
 - **Pharmacology:** ONE
- For PG teaching, faculty with relevant specializations is mandatory.
- M.Sc. Radiotherapy: Two
 - M.Sc. Radiation Physics: ONE
 - **B.Sc. Radiotherapy Tutors:** At least ONE in each dept.
 - **Lab Instructors :** At least ONE in each departmental practical laboratory
 - Qualified Technician with 3 years experience.: ONE

ONLY for Anatomy & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects

Part time teachers services can be availed for subsidiary subjects

Note: Mentioned in the syllabus be made available mandatorily

6. Minimum number of faculty: As mentioned above

7. Library: Standard reference books and journals should be made available in each of the subject specialty.

Note: Books mentioned in the syllabus be made available mandatorily

8. A Hospital / Laboratory

The common infrastructure at the Department of **Radiotherapy** refers to technical structures and support, therapy devices, facilities and rooms that are shared by a number of co-workers from different or within the same fields. The ambition is to sustain and to contribute to the improvement of the possibilities for conductance of high-quality research and education.

Functioning Equipment:

List of equipment required in Radiotherapy Department:

Linear Accelerator Room	1	42 ft x 45 ft
Brachytherapy Room	1	30ft x 29 ft
Mould Room	1	12 ft x 12 ft
Minor OT Theatre	1	15ft x 15 ft
CT Simulation Room	1	40 ft x 35 ft
Treatment Planning System Room	1	25ft x 10 ft

- Linear Accelerator with photon energies (MV) and electron energies (MeV).
- Remote Afterloading Brachytherapy Unit.
- CT/ MRI facility for simulation procedures.

- Minor OT Theatre with procedural equipments.
- Mould room with immobilization and patient positioning equipments.
- Treatment Planning System room with Treatment Planning softwares and Patient contouring stations.

9. Clinical workload

Workload can be measured by the number of courses of treatment or exposures. The number of course of treatment can involve a variable number of attendances, fraction and exposures. Each fraction within a course of treatment can involve between 1 and 6 exposure.

Facilities	10 students
The students should be exposed to all types cases.	
Mould Room	Minimum 5 patient/ Day- one batch 3 students
Simulation	Minimum 5 patient/ Day- one batch 3 students
LINAC	Minimum 16 patient/ Day- one batch 2 students

A Logbook to be maintained with details of all the postings for each of the student.

10. Minimum faculty requirements for seats sanctioned

Subject	For 10 seats intake	For 15 Seats Intake	For 20 seats intake
DM /MD (Radiation Oncology)/M.Sc. Radiotherapy, Radiation Physics, Nuclear Medicine for - HOD	01	01	01
Associate Prof M.Sc. Radiotherapy, Radiation Physics, Nuclear Medicine	-	01	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01	01	01
Lecturer/Assistant Prof / Associate Prof - Physiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Biochemistry	01	01	01
Lecturer/Assistant Prof / Associate Prof – Microbiology	01	01	01
Lecturer/Assistant Prof / Associate Prof – Pathology	01	01	01
Tutor (B.Sc. Radiotherapy)	01	01	02
Clinical Workload & Infrastructure			
Mould Room	05	10	15
Simulation	05	10	15
LINAC	16	24	30



B.Sc Respiratory Care Technology (MSR)

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA
4TH 'T' Block, Jayanagar, Bangalore – 560 041.

SCRUTINY COMMITTEE REPORT (FRESH/INCREASE COLLEGE)

Name of the Proposed college:
Courses Applied:

Sl. No.	Particulars	Existing Guidelines as per GOK/ RGUHS	Details furnished by the College	Whether the college has fulfilled the requirement
1.	Name of the Trust / Society	Trust / Society should be registered		
2.	Date of Registration			
3.	Minimum age of the Trust / Society	Minimum 3 years		
4.	Audit Statement of the Trust / Society	Past 03 year		
5.	Clinical facilities	Should own a 100 bedded hospital	➤	Should own a 100 bedded hospital
			➤	Managed and controlled by a member of the Trust
			➤	The owner of the Hospital/Lab is a member of the Trust
			➤	Pollution control board certificate for 100 bedded
b) Samples/cases per *		As mentioned in the table	➤	
			➤	
c) Distance between Hospital/Lab &		Minimum 20 kilometre radius in city limits	➤	
			➤	

	College	➤	Minimum 30 kilometre radius in rural areas.		
6.	Building (Own)	➤	Owner of the building		
		➤	Details of property (Property No & Building Photos)		
		➤	Total sqft 23,720 Sqft		
		➤	Building plan approved by the competent authority		
		➤	Up to date tax paid receipt		
		➤	RTC of land		
		➤	Any court case pending against the property		
7.	Building (Rent / Lease)	➤	Not allowed		
8.	Infrastructure				
	a) Teaching Block	➤	Minimum 23,720 sqft		
	b) Class Room	➤	3 Rooms (Each not less than 600 sqft)		
			1 seminar hall (not less than 800 sqft for Msc programme)		
	c) Laboratories	➤	Minimum 03 (Each not less than 800 sqft) subjective to course		
	d) Library Books	➤	50 books in each subject		
	e) Hostel facilities for students	➤	2 journals (National/international for MSc programme)		
			Separate Hostel for boys and girls with separate wardens		
9.	Staff details	➤	No of Teaching Staffs		
10.	Principal	➤	01		
11.	Teaching staff	➤	07 (including the visiting/part time faculty)		

12.	Non Teaching staff & others	➤	03		
13.	Vehicle Details	➤	Bus		
14.	Sports & Recreation Facilities	➤	Out door Facility & Indoor Facility		
15.	KPME Certificate	➤			
16.	NABL/NABH certificate	➤			
17.	Lab Equipments	➤	List enclosed		
18.	Teaching faculty/Clinical material *	➤	Table enclosed		
19.	Opinion of the of the Scrutiny Committee for LIC inspection	➤			

*

1. Minimum eligibility requirements for Candidates

A candidate seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences course from Sl.No. 1 to 14 shall have studied English as one of the principal subject during the tenure of the course and for those seeking admission to the Bachelor of Science Degree Courses in the Allied Health Sciences courses mentioned above except for B.Sc. Imaging Technology and B.Sc. Radiotherapy Technology shall have passed:

1. Two year Pre-University examination or equivalent as recognized by Rajiv Gandhi University of Health Sciences with, Physics, Chemistry and Biology as subjects of study.

OR

2. Pre-Degree course from a recognized University considered as equivalent by RGUHS, (Two years after ten years of schooling) with Physics, Chemistry and Biology as subjects of study.

OR

3. Any equivalent examination recognized by the Rajiv Gandhi University of Health Sciences, Bangalore for the above purpose with Physics, Chemistry and Biology as subjects of study.

OR

1. The vocational higher secondary education course conducted by Vocational Higher Secondary Education of any other State Government with five subjects including Physics, Chemistry, Biology and English in addition to Vocational subjects conducted is considered equivalent to plus TWO examinations of Government of Karnataka Pre University Course.

2. Candidates with two years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 shall have passed Diploma [10+2] with Physics, Chemistry and Biology, as subjects or candidates with 3 years diploma from a recognized Government Board in a subject for which the candidate desires to enroll, in the respective Allied Health Sciences course mentioned in Sl. No. 1 to 14 should have studied Physics, Biology and Chemistry as subjects during the tenure of the course.

3. Lateral entry to second year for allied health science courses for candidates who have passed diploma program from the Government Boards and recognized by RGUHS, fulfilling the conditions specified above under sl. No. 5 and these students are eligible to take admission on lateral entry system only in the same subject studied at diploma level from the academic year 2008-09 vide RGUHS Notification no. AUTH/AHS/317/2008-09

dated 01.08.2008.

- In case of admission to B.Sc. Imaging Technology Or B.Sc. Radiotherapy Technology the candidate should have passed Pre University or equivalent examination with Physics, Chemistry, Biology and Mathematics, as subjects of study.

Note

- a. The Candidate shall have passed individually in each of the principal subjects
- b. Candidates who have completed diploma or vocational course through correspondence shall not be eligible for any of the courses mentioned above

2. INFRASTRUCTURE:

- Three Labs each with an area of 800 Sq. ft
- Three Class rooms each with a capacity for 20 students. (each not less than 600 sq. R. each)
- Lab equipment's for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
 - a. Board (Black or White) - Mandatory
 - b. Multimedia / Computer and its accessories / LCD Projector- Mandatory

3. MINIMUM REQUIREMENTS FOR TEACHING BASIC MEDICAL SCIENCES SUBJECTS:

- **ANATOMY :**
Specimens, Models, Charts, Dissected body parts, slides as per syllabus.
- **PHYSIOLOGY:**
One Microscope per student, One Stethoscope per student, demonstration equipment for complete blood count, Blood grouping and matching kits, B.P apparatus one per student, Staining apparatus with few common stains, Spirometer for demonstration purpose.
- **BIOCHEMISTRY:**
Digital balance, titration apparatus, laboratory glassware, calorimeter, spectrophotometer, pH meter, basic kits for determining urine sugars / ketone bodies, proteins etc.
- **MICROBIOLOGY:**
Microscope, Hot air oven, Autoclave, Incubator ,Electronic analytical balance ,Water bath ,Vortex mixer ,Laminar air flow chamber ,Glass wares (beaker, conical flask, pipettes, test tubes, petridish) ,Refrigerator ,Felix & drayer's tube ,Bunsen burner ,Culture media ,Centrifuge ,Inoculation loop ,Latex agglutination tiles ,Vdrrrotator ,L4cintoshfilder anaerobic jar , Micro titre plate ,Tnspisator
- **PATHOLOGY:**
Haemocytometer — rbc&wbc count ,Haemoglobinometer ,Wintrob's tube, Westergren tube & stand ,Lancet ,Capillary tube ,Whatsman no.1 filter paper, Centrifuge, Microscope, Glass slide, Test tubes, Blood group reagent, Dpx, Coplin jar, H & e stain ,Leishman stain, brilliant cresyl blue stain, pasteur pipette, special stains, diluting fluid - rbc, wbc, pit, pap stain, Coomb's reagent, Phosphate buffer, Distilled water

Teaching Staff:

Principal / Professor & HOD, with MD in Chest and TB Diseases 5 yrs. Teaching Experience in a Medical College or a MBBS with a Diploma in Chest and TB Diseases with 8 years experience.

M.Sc. Respiratory care (2 years course) (with 10 years teaching experience in a College

2. Associate Professor:

1. M.Sc. Medical (Anatomy, Physiology, Biochemistry, Microbiology) with 6 years

teaching experience

M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 7 years

teaching experience

2. MD(Microbiology/Biochemistry/Pathology/Physiology/ Pharmacology)

As per MCI/NMC norms

4. M.Sc. Phd - minimum 3 year

5. M.Sc. Respiratory care (2 years course) - minimum 07 years teaching experience

3. Assistant Professor:

1. M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry,

Microbiology, Pharmacology) with 3 years teaching experience

M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 4 years

teaching experience

2. M.Sc. Phd.

3. M.Sc. Respiratory care (02 years course) - minimum 4 years teaching

experience

4. M. D.(Biochemistry, Pathology, Microbiology, Pharmacology) - As per MCI/NMC

norms

5. MS (Anatomy)- As per MCI/NMC norms

4. Lecturer:

1. M.Sc. Medical (03 years course) (Anatomy, Physiology, Biochemistry,

Microbiology, Pathology, Pharmacology)

M.Sc. MLT (2 years course) Microbiology/Biochemistry/Hematology with 7 years

teaching experience

2. M.Sc. Respiratory care (02 years course)

5. Tutor:

B.Sc. Respiratory care

Minimum no. of Faculty in each Department:

- Anatomy : ONE
- Physiology: ONE
- Biochemistry: One
- Microbiology: One
- Pathology: One
- Pharmacology: ONE
- M.Sc. Respiratory care: TWO

For PG teaching, faculty with relevant specializations is mandatory.

- **B.Sc.** Respiratory care Tutors: At least ONE in each dept./Lab
- **Lab Instructors:** At least ONE in each departmental practical laboratory

ONLY for Anatomy, Biochemistry, Microbiology, Pathology & Physiology subjects visiting faculty services can be availed subject to the qualification criteria for respective subjects other than that

- 1- Respiratory Diseases: MBBS with MD in General Medicine.
- 1- Anaesthesia – MBBS with an MD or DA in Anaesthesia
- Physiotherapy – MPT Degree with teaching

Part time teachers services can be availed for subsidiary subjects

Note: Mentioned in the syllabus be made available mandatorily

6. Minimum number of faculty: As mentioned above

7. Library: Standard reference books should be made available.

There should be a minimum quantity of the books on the following topics:

a. Respiratory Diseases

b. Intensive Care

c. Ventilators

d. Physiotherapy

e. Respiratory Physiology

Note: Books mentioned in the syllabus be made available mandatorily

8. Department wise list of equipments:

a. Bronchoscopy

b. Respiratory Diseases:

1. Fibre Optic Bronchoscope

2. Computerised Spirometry.

c. Anaesthesia:

1. Ventilators – 02

2. C PAP – 01

3. B! PAP – 01

4. Capnograph – 01

5. Blood Gas Analyser for demonstration

d. Physiotherapy

1. Incentive Spirometry

Rotational Postings:

- a. Respiratory Diseases section for 12 months.
- b. Anaesthesia section for one month.
- c. Intensive care with ventilator, CPAP, BiPAP for 3 months.
- d. Physiotherapy Section for 3 months
- e. Casualty section for 2 months.
- f. Medico – Social working posting for 3 months.

A log books to be maintained with details of all the postings for each of the student

9. Clinical work load

Facilities	10 students
The students should be exposed to all types cases like minor & major Surgical procedures.	
Operation Theatres	3
Number of cases (general surgeries)	Minimum 10 per day including all types
Specialized Surgeries – Cardiac, Neuro, Ortho, OBG, Gastro and other major specializations	5 to 7

A Logbook to be maintained with details of all the postings for each of the student.

10. Minimum faculty requirements for seats sanctioned

Subject	For 10 seats intake	For 15 Seats intake	For 20 seats intake
MD Anaesthesia/MS Surgery (HOD)	01	01	01
Associate Prof Anaesthesia/Surgery	-	-	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01	01	01
Lecturer/Assistant Prof / Associate Prof - Physiology	01	01	01
Lecturer/Assistant Prof / Associate Prof - Biochemistry	01	01	01
Lecturer/Assistant Prof / Associate Prof - Microbiology	01	01	01
Lecturer/Assistant Prof / Associate Prof - Pathology	01	01	01
Tutor (B.Sc. Anaesthesia Tech/OT Tech)	01	01	02
Clinical Workload & Infrastructure			
Operation Theatres	03	03	03
Number of cases	5 to 7/Day	7 to 10/Day	15/Day