



RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCE, KARNATAKA  
4<sup>TH</sup> '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.	<b>Name of the Trust / Society</b>	Trust / Society should be registered		
2.	<b>Date of Registration</b>			
3.	<b>Minimum age of the Trust / Society</b>	Minimum 3 years		
4.	<b>Audit Statement of the Trust / Society</b>	Past 03 year		
5.	<b>Clinical facilities</b>			
	<b>a) Hospital/Lab Should be accredited by NABL/NABH or Government hospital/Lab</b>	<ul style="list-style-type: none"> <li>➤ Should own a 100 bedded hospital</li> <li>➤ Managed and controlled by a member of the Trust</li> <li>➤ The owner of the Hospital/Lab is a member of the Trust</li> <li>➤ Pollution control board certificate for 100 bedded</li> </ul>		
	<b>b) Samples/cases per *</b>	<ul style="list-style-type: none"> <li>➤ As mentioned in the table</li> </ul>		
	<b>c) Distance between Hospital/Lab &amp;</b>	<ul style="list-style-type: none"> <li>➤ Minimum 20 kilometre radius in city limits</li> </ul>		

	<b>College</b>	➤	Minimum 30 kilometre radius in rural areas.		
6.	<b>Building (Own)</b>	➤	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.	<b>Building (Rent / Lease)</b>	➤	Not allowed		
8.	<b>Infrastructure</b>				
	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.	<b>Staff details</b>	➤	No of Teaching Staffs		
10.	<b>Principal</b>	➤	01		
11.	<b>Teaching staff</b>	➤	07( including the visiting/part time faculty)		

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

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### 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

## **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 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 & dreyer's tube, Bunsen burner, Culture media, Centrifuge, Inoculation loop, Latex agglutination tiles, Vortex mixer, L4cintoshfilter anaerobic jar, Micro titre plate, Tinspicator
- **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,  
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. PerfusionTutors**: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, Moblie 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