

Minimum Standard Requirements

BSC. EMERGENCY AND TRAUMA CARE TECHNOLOGY



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

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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	<ul style="list-style-type: none"> ➤ 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 *	<ul style="list-style-type: none"> ➤ 150-200 cases per day 		
	c) Distance between Hospital/Lab &	<ul style="list-style-type: none"> ➤ 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 BSc. and 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 Core Sp. Teaching Staffs	P		AP		Asst.P		L		D		LT		Total				
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	➤	Outdoor 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	➤			

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1. Minimum faculty requirement for seats sanctioned.

	FOR 10 SEATS INTAKE	FOR 15 SEATS INTAKE	FOR 20 SEATS INTAKE
Professor in Emergency Medicine/Anaesthesia/General Medicine/General Surgery/Orthopaedics (HOD)	01	01	01
Associate professor- Emergency Medicine/Anaesthesia/General Medicine/General Surgery/Orthopaedics	01	01	01
Assistant Professor- Emergency Medicine / Anaesthesia/General Medicine/General Surgery/Orthopaedics	01	01	02
Lecturer/Asst.Prof/Associate Prof-Anatomy	01	01	01
Lecturer/Asst.Prof/Associate Prof-Physiology	01	01	01
Lecturer/Asst.Prof/Associate Prof-Biochemistry	01	01	01
Lecturer/Asst.Prof/Associate Prof-Microbiology	01	01	01
Lecturer/Asst.Prof/Associate Prof-Pathology	01	01	01
Lecturer/Asst.Prof/Associate Prof-Pharmacology	01	01	01
Tutor – Emergency Medicine	01	02	03

ASSISTANT REGISTRAR

DEPUTY REGISTRAR

2. 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

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 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.

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

3. Infrastructure:

1. Emergency Department with at least 20 beds
2. Three Class rooms each with a capacity for 20 students.(each not less than 600 sq. R. each)
3. Lab equipment' s for Basic Medical Sciences as per the criteria mentioned in Basic Medical Sciences requirements.
4. Board (Black or White) - Mandatory
Multimedia / Computer and its accessories / LCD Projector- Mandatory in each classroom.
One auditorium with a seating capacity if atleast 50 .

4. Laboratory requirements for teaching basic medical sciences

Basic Sciences.

Subject	Laboratory requirements
Anatomy	Specimens models, charts , dissected body parts, slides as per

	syllabus
Physiology	One microscope/student,one stethoscope /student, demonstration equipment for complete blood count, blood grouping and matching kits, BP apparatus one per student, staining apparatus with few common stains, spirometer for demonstration
Biochemistry	Chemical balance/single pan balance, titration apparatus glasswares,calorimeter, ph meter, spectrophotometer, Basic kits for determining urine sugars/ ketone bodies, proteins
Microbiology	Microscope,hot air oven, autoclave, incubator,electronic analytical balance, water bath,vortex mixer, laminar air flow chamber, glass wares, refrigerator, felix & drayers tube, bunsen burner, culture media, centrifuge,inoculation loop,latex agglutination tiles,vdrl rotator,Mcintosh filder anerobic jar, micro titre plate, inspissator
Pathology	Haemocytometer-rbc& wbc count ,haemoglobinometer, wintrobess tube, western gren tube , 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, cresyl blue stain , pasteur pipette, special stains, diluting fluid-rbc,wbc,plt, pep stain, coombs reagent, phosphate buffer, distilled tube.

5. Laboratory / Equipment' s requirements for teaching core speciality courses (Emergency & Trauma Care Technology)

- Crashcart with all emergency medications
- Laryngoscope and Blades (Macintosh, mccooy, millers blades) – Adult and Paediatric
- Ambu bags and masks – adult and paediatric
- Video laryngoscope
- Defibrillator
- Stylettes
- Bougie
- Bains circuit
- Stethoscope
- BP Apparatus
- Monitors – Wall mounted and portable
- Ventilators
- Portable Ventilators
- USG machine
- ECG Machine
- ECHO Machine
- ABG Machine
- GRBS Kits
- Splints – all sizes
- Weighing Machine
- POC – Cardiac markers
- Nebulizers – Adult and Paediatric
- Infusion Pumps and syringes
- Thermometers

- CPR Manikins – Adult, paediatric and infant
- Oropharyngeal airways – all sizes
- Endotracheal tubes – cuffed and uncuffed (all sizes)
- Suction catheters
- Feeding tubes
- CVP lines
- IV Cannulas – all sizes
- Nasogastric tubes
- Minor OT Table with all equipment
- Suturing materials
- Sterile suturing sets, catheterization sets, minor dressing sets, ICD sets
- Shifting trolleys, shifting boards
- BLS, ACLS, ATLS, PALS, NALS Charts
- All general equipment' s and Medications used in emergency department

6. Academic Staff Qualifications

<p>1.PRINCIPAL/PROFESSOR OR HOD (EMERGENCY CORE SPECIALITY)</p>	<ul style="list-style-type: none"> ▪ MD /DNB/MS ☐ Emergency Medicine / Anaesthesia / General Medicine /General Surgery/Orthopaedics with 10 years of teaching experience. ▪ MSc in Emergency and Trauma care technology with 10 years of experience
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2.ASSOCIATE PROFESSOR (EMERGENCY SPECIALITY) CORE	<ul style="list-style-type: none"> ▪ MD /DNB/MS ☑ Emergency Medicine / Anaesthesia / General Medicine /General Surgery/Orthopaedics with 5 years of teaching experience. ▪ MSc in Emergency and Trauma care technology with 5 years of experience
3.ASSISTANT PROFESSOR	<ul style="list-style-type: none"> ▪ MD /DNB/MS ☑ Emergency Medicine / Anaesthesia / General Medicine /General Surgery/Orthopaedics with 2 years of teaching experience. ▪ MSc in Emergency and Trauma care technology with 2 years of experience
4.LECTURER	<ul style="list-style-type: none"> ▪ MSc in Emergency and Trauma care technology with 2 years of experience ▪ BSc in Emergency and Trauma care technology with 2 years of experience

7. Minimum no. of Faculty in each Department:

Anatomy : ONE

Physiology: ONE

Biochemistry: ONE

Microbiology: ONE

Pathology: ONE

Pharmacology: ONE

Core Speciality - Emergency and trauma care technology: Refer to the above Table.

8. Library:

Standard reference books and journals should be made available in each of the subject speciality. Atleast 50 books should be available

1.Basic sciences- prescribed books.

2.Course specific books:

9. DURATION OF CLINICAL POSTINGS

A. Emergency/rapid response team/ trauma care unit for atleast 9 months

B. Adult Intensive care units for atleast 2 months

C. Neonatal and Paediatric intensive care unit for atleast 1 month

D. OBG, Anesthesia, Cardiac ICU for atleast 1month each

