



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 B Sc Medical Imaging Technology.
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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		

	Building (Own)		Owner of the building			
			Details of property (Property No & Building Photos)			
	Infrastructure Building (Rent / Lease)		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			
			Not allowed			
	Teaching Block		Minimum 23,720 sqft			
						3
			Minimum 03 (Each not less than 800 sqft) subjective to course			
	Library		50 books in each subject 4 journals (National/international for MSc programme)			
	Hostel facilities for students		Separate Hostel for boys and girls with separate wardens			
	Staff details		No of Teaching Staffs			
	Principal		01			
	Teaching staff		06(including the visiting/part time faculty)			
	Non Teaching staff & others		03			

	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:

I. 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**

- Doppler Ultrasound Scanning System - 1 No
- Bone-mineral Densitometer - 1 No
- Quality Assurance Kit for Diagnostic Radiology - 1 No

* Note: Apart from the above list of course specialized equipment, the minimum requirement for teaching basic medical sciences should be available.

II. Optional Equipment

- SPECT
- PET CT
- Catheterization Labs
- Tactile imaging

Annexure-2

Teaching faculty	For 10 seats intake	For 20 Seats intake
MD Radiology with 10 years of experience.	01	01
M.Sc (Medical Physics) or equivalent with 2 years of experience.	01	01
M.Sc. MIT with 3 years of experience.	01	01
MD Radiology /M.Sc (Medical Physics) or equivalent / M.Sc. MIT with 5 years of experience.	01	01
Lecturer / Assistant Prof / Associate Prof - Anatomy	01(part time/visiting)	01(part time/visiting)
Lectures/Assistant Prof / Associate Prof - Physiology	01(part time/visiting)	01(part time/visiting)
Lecturer/Assistant Prof / Associate Prof — Biochemistry	01	02
Lecturer/Assistant Prof / Associate Prof — Microbiology	01	02
Lecturer/Assistant Prof / Associate Prof — Pathology	01	02
Tutor (Radiography Technician with minimum qualification of B.Sc. Medical Imaging Technology and minimum 1 year experience)	02	05

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 Fluroscopy 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 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:

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.

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.

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

The Candidate shall have passed individually in each of the principal subjects

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 ,Vdrlrotator ,L4cintoshfilter 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 (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

Physiology: ONE
Biochemistry: ONE
Microbiology: ONE
Pathology: ONE
Computer Programming: ONE

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 specialty. 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