

**FATHER MULLER COLLEGE OF ALLIED HEALTH SCIENCES,  
MANGALURU**

Father Muller Road, Mangalore 575 002.  
Tel. No. 0824-2238172 / 2238383 Fax : 2436352

**ADMISSION 2024-25**

Candidates applying should submit their online application which is available in [www.fathermuller.edu.in](http://www.fathermuller.edu.in) under Link for Online application on the home page. The fee for online application is Rs.750/- (Rupees seven hundred and fifty only). Candidates awaiting results can also apply for the above courses. **The last date of admission is 15.05.2024.**

Please note that we do not have any agents for admission appointed by the Institution. The admission will be done only on the merit. For admission enquiry, parents/students are informed to contact 0824-2238172 or [fmmcadmission@fathermuller.in](mailto:fmmcadmission@fathermuller.in)

If anyone claims to be the agents, please inform our office and if you are paying any amount to any of the agents, the Management of Father Muller is not responsible.

**FATHER MULLER COLLEGE OF PHYSIOTHERAPY**

1.	<b><u>Bachelor of Physiotherapy (B.P.T.)</u></b> - 4½ years including six months Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with 50% aggregate marks in PCB.
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**FATHER MULLER COLLEGE OF ALLIED HEALTH SCIENCES :**

1.	<b><u>B.Sc. Medical Laboratory Technology</u></b> - 4 years including one year Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with PCB
2.	<b><u>B.Sc. Radiotherapy Technology</u></b> - 4 years including one year Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with PCB
3.	<b><u>B.Sc. Anaesthesia Technology &amp; Operation Theatre Technology</u></b> - 4 years including one year Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with PCB
4.	<b><u>B.Sc. Renal Dialysis Technology</u></b> - 4 years including one year Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with PCB.
5.	<b><u>B.Sc. Optometry</u></b> : 4 years including one year Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with PCB.
6.	<b><u>B.H.A. (Bachelor of Hospital Administration)</u></b> : - 3 years duration (six semesters) <b><u>Eligibility</u></b> : Pass in PUC with any principle subjects of study recognized by RGUHS
7.	<b><u>B.Sc. Neuro Care Technology</u></b> - 4 years including one year Internship. <b><u>Eligibility</u></b> : Pass in PUC / 10 + 2 with PCB.

8.	<b>B.Sc. Emergency &amp; Trauma Care Technology</b> - 4 years including one year Internship. <b>Eligibility</b> : Pass in PUC / 10 + 2 with PCB.
9.	<b>B.Sc. Respiratory Therapy Technology</b> - 4 years including one year Internship. <b>Eligibility</b> : Pass in PUC / 10 + 2 with PCB.
10.	<b>M.Sc. Medical Laboratory Technology:</b> 2 years course <b>Specialities:</b> (1) Microbiology & Immunology (2) Clinical Biochemistry (3) Haematology & Blood Transfusion <b>Eligibility:</b> A pass in B.Sc. MLT course from Institutions affiliated to RGUHS or from other Universities considered equivalent by RGUHS.
11.	<b>M.H.A. (Masters in Hospital Administration):</b> 2 years course (4 semesters) <b>Eligibility:</b> Pass in any recognized Bachelors degree VIZ., MBBS, BDS, Nursing, B.Pharm, Allied Health Sciences OR Recognized Degree in Arts, Commerce, Law or Management with 50% marks in aggregate
12.	<b>M.Sc. Medical Imaging Technology (M.Sc. MIT):</b> 2 years course <b>Eligibility:</b> Candidates who have passed final year of B.Sc. Medical Imaging Technology with 60% marks.

## **Details of the courses is given here below for reference:**

### **Details of the courses**

#### **1. HISTORICAL BACK-GROUND OF THE INSTITUTION:**

**Father Muller Medical College** is a unit of Father Muller Charitable Institutions, a Registered Society sponsored by the Catholic Diocese of Mangalore; is a Religious Minority Educational Institution established primarily for the benefit of the members of the Christian Community. It is open, like all other Educational Institutions under Catholic auspices, to all persons irrespective of religion, caste or community and is affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore.

Father Muller Charitable Institutions had a very humble beginning in the year 1880 under a banyan tree where Father Muller, a German Jesuit missionary started dispensing Homoeopathic Medicines to the ailing poor. Though it was started as a leprosy hospital, as need arose, an Allopathic Hospital was constructed and the care was extended to patients suffering from various diseases. Today it has grown as vast complex, consisting over 1,000 bedded multispeciality Hospital with graduate and postgraduate programmes in Medicine, Nursing and allied health sciences.

It is noteworthy to mention that all these existing Medical and Allied Health Science programmes offered by Father Muller's Charitable Institutions contribute not only towards the diverse health needs of the people but it also caters towards preparing Quality Health Care Personnel for the country at large.

#### **2. PHILOSOPHY**

The Management, Staff and Students of Father Muller's Charitable Institutions, have been inspired and guided through the years, by the motto "HEAL AND COMFORT" instilled by FrMuller himself whose spirit and values we cherish, maintain and promote with special thrust in bringing succour to the underprivileged, such as patients with leprosy, tuberculosis, mentally ill, alcoholics etc.

We consider Patient Care is a team work in co-operation and collaboration with all those who are involved in the care of the patient, whether in the hospital or community, adopting a holistic approach founded on Scientific and Research Findings.

We promote education of the highest quality in the Art and Science of Medicine, Nursing, Allied Health Sciences and other related professions instilling Human, Ethical, Spiritual and Christian values.

We look for excellence not only in professional skills but also in attitude and character in everyone, upholding respect for Life, Dignity of a person with humaneness and a genuine feeling of compassion for patients, their attenders and families, in emulation of the 'Divine Healer-the Greatest Physician'.

The Staff and Students of this Medical College will maintain the rich tradition of 'Holistic Approach' to patient care instilled by the Founder, Father Augustus Muller. Healing of the 'Whole Person' - body, mind and spirit will be the total concern of everyone in this approach and not merely curing a diseased part of the human body or an ailment.

It is hoped that during the period of training, the virtues of brotherly love and compassion in a spirit of service, respect of life from the womb to the tomb, including respect for disabled and the infirm, will be imbibed by the students. They are expected not only to deepen their knowledge and develop more skills in different medical sciences but also to grow in "Spiritual Strength", so that they contribute towards maintaining the ethos of the institution.

## **FACILITIES AVAILABLE**

- 1 **Clinical Facilities:** The entire hospital complex of Father Muller Institutions with all its specialities having a bed strength of 1250 is made available to the students.
- 2 **Religious Activities:** Various religious activities are conducted in the Chapel of the Institutions. The students are expected to make use of these facilities provided in the campus for the spiritual growth. It is from the divine Physician, Jesus that they learn to love and serve, heal and comfort to sick and suffering.
- 3 **Library:** Extensive library service together with systematic use of audiovisual aids e-Library are available to help the students in their learning process. The students are allowed to make use of the departmental and the Central Library. They shall follow all the rules of the Library.
- 4 **Extra Curricular Activities:** In view of the main aim of education as the total development of the Person, a number of opportunities are provided for the students to develop their skills and talents on various levels such as music, dance, indoor and outdoor game and sports.
- 5 **Health Services:** On admission every student will undergo a medical examination. An annual check-up will be done for all the students. Medical care will be given to them in case of illness at Father Muller Medical College Hospital as per the Student Health Scheme.
- 6 **Hostel:** Separate hostel facilities for both girls and boys are provided in the campus for the students who require these facilities. Rules and Regulations of the hostel will be provided to the students opting for the same at the time of admission to the hostels, which are to be strictly abided by.

## **DISCIPLINE**

- 1 **Ragging is strictly prohibited:** Students shall not indulge, either individually or collectively in any form of activity that will bring down the good name of the Institution / medical Profession either in the College or Hostel.

Depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:

- Suspension from attending classes and academic privileges.
- Withholding/withdrawing scholarship/ fellowship and other benefits
- Debarring from appearing in any test/ examination or other evaluation Process.
- Withholding results
- Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- Suspension/ expulsion from the hostel
- Cancellation of admission.
- Rustication from the institution for period ranging from 1 to 2 years.
- Expulsion from the institution and consequent debarring from admission to any other institution for a specific period.
- Fine of Rs.1 lakh.

At the time of admission, students are required to submit an online undertaking not to indulge or abet ragging.

## 2 **WITHDRAWAL from the Course:**

### (i) **Withdrawal after completing the process of admission and before the commencement of the course:**

If a student who has been admitted to the course decides to withdraw before the commencement of the course, he/she will forfeit the total fees paid by him/her.

### (ii) **Withdrawal from the college during the course:**

Students are discouraged from discontinuing the course anytime after the commencement of the same. However, if any student decides to withdraw voluntarily from the college at any time before completing the course, he/she shall communicate his/her decision to the Management in writing along with a letter from his/her parents in support of his / her decision. A student who fulfills these formalities and who is permitted to withdraw from the course is required to pay the course fee for the remainder of the course and penal fees of Rs.25,000/- for U.G. Course and Rs.50,000/- for P.G. Course to the college. The fees already paid by the student will not be refunded to him / her under any circumstances.

(iii) The college reserves the right to discharge any student whose progress in studies or conduct is not found satisfactory or for any other cause during the period of training or service.

3 There is a Students' & Teachers Soudardha Sahakari Co-operative Society in the campus. All students have to be members of this Society and they can avail various stationery available.

4 Students are expected to behave with dignity and decorum and in conformity with the discipline of the Institutions. Any breach of discipline shall be suitably dealt with. Serious lapses of discipline and character shall render the student's name liable to be struck off the roll of the college. If, in the opinion of the Dean, a student is not likely to benefit by continuing in the college or is considered to be detrimental to the best interest of the Institutions, the management may order such student to leave the College. No fees paid by the students will be refunded. the management's decision in this regard shall be final.

## **GENERAL**

1 Applicants / Parents / Guardians are informed that it will not be possible to enter into correspondence with them in connection with the various provisions in the prospectus. It is also not possible to grant them any interview in this connection. All decisions or actions taken by the Management are final and not subject to review.

2 Every student is required to familiarise himself / herself with the rules laid down in the Prospectus and also formulated and announced by the Management from time to time.

3 Student should not absent themselves from classes, practicals, clinicals and examinations without the previous permission of the Dean. Such absence without leave may lead to loss of a term.

4 Smoking is strictly prohibited in all parts of the college, hospital campus and hostel.

5 Students are requested to dress modestly when attending the college and in the campus. Students are not permitted to wear Jeans, T-shirts to the college.

6 Mobile / Cell phones are prohibited in the college campus. No student is permitted to carry mobile/cell phones to the class.

7 No Society, Union or Association of the students shall be formed in the college and no outsider invited to address a meeting without the Dean's specific permission.

8 In all matters, whether covered or not in the existing rules, the decision of the Management shall be final.

9 The Management reserves the right of making any addition to or omission from or alteration in the above rules and regulations including fee structure without prior notice.

- 10 The fees will be charged based on the expenses incurred on education and other facilities offered. Students are expected to meet the expenses. Fees are to be paid by the students within the time specified by the College failing which the student will not be permitted to continue the classes.
- 11 Vacations are planned according to the Rajiv Gandhi University of Health Sciences Rules. Normally no other leave will be granted. Students are not granted leave for social events in the family.

For all legal matters/disputes arising out of provisions of this prospectus, the court of Jurisdiction will be that of Mangalore only.

## **BACHELOR OF PHYSIOTHERAPY (B P T)**

### **DURATION OF THE COURSE & SUBJECT OF STUDY :**

The duration of the BPT Course is four and half years including Compulsory internship of six months.

### **THE SUBJECT OF STUDY DURING 1 YEAR :**

#### **MAIN SUBJECTS:**

Anatomy, Physiology, Biochemistry, Biomechanics, Psychology, Sociology

#### **SUBSIDIARY SUBJECTS:**

Kannada, English, Basic Nursing, Orientation to Physiotherapy, Integrated Seminars / Problem Based Learning (PBL)

### **THE SUBJECT OF STUDY DURING II YEAR :**

#### **MAIN SUBJECTS :**

Pathology, Microbiology, Pharmacology, Exercise Therapy, Electrotherapy.

#### **SUBSIDIARY SUBJECTS :**

Ethics & Admin, First Aid & CPR, Constitution of India, Introduction to Treatment, Clinical Observation Posting

### **THE SUBJECT OF STUDY DURING III YEAR :**

#### **MAIN SUBJECTS :**

General Medicine, General Surgery, Orthopedics & Traumatology, Musculoskeletal and Sports Physiotherapy, Cardio-respiratory & General Physiotherapy,

Supervised Rotatory Clinical Training in various units of the department

#### **SUBSIDIARY SUBJECTS :**

Allied Therapies

### **THE SUBJECT OF STUDY DURING IV YEAR :**

#### **MAIN SUBJECTS :**

Neurology & Neuro Surgery, Community Medicine, Neuro Physiotherapy, Community Physiotherapy, Research Methodology, Supervised Rotatory Clinical Training

#### **SUBSIDIARY SUBJECTS :**

Evidence Based Physiotherapy Practice, Project

## **B.Sc. MEDICAL LABORATORY TECHNOLOGY**

### **DURATION OF THE COURSE & SUBJECT OF STUDY:**

Duration is 4 years including one year Internship

### **THE SUBJECT OF STUDY DURING 1 YEAR :**

Human Anatomy, Physiology, Biochemistry I, Pathology I,  
Microbiology I,

**Subsidiary subject** English, Kannada, Health Care

### **THE SUBJECT OF STUDY DURING II YEAR :**

Biochemistry II, Pathology II, Microbiology II

**Subsidiary subject:** Sociology, Constitution of India, Environmental Science & Health.

### **THE SUBJECT OF STUDY DURING III YEAR :**

Biochemistry III, Pathology III, Microbiology III

**Subsidiary subject:** Ethics, Database Management, Research & Biostatistics, Computer application.

## **B.Sc. (RADIO THERAPY)**

### **DURATION OF THE COURSE & SUBJECT OF STUDY:**

Duration is 4 years including six months Internship

### **THE SUBJECT OF STUDY DURING I YEAR :**

Anatomy, Physiology, Biochemistry, Pathology, Microbiology

### **SUBSIDIARY SUBJECTS:**

English, Kannada, Health Care.

### **THE SUBJECT OF STUDY DURING II YEAR :**

Physics of Radiology, Radiation Physics & Medical Physics,

### **SUBSIDIARY SUBJECTS:**

Sociology, Constitution of India, Environment Science & Health

### **THE SUBJECT OF STUDY DURING III YEAR :**

Radiotherapy - Part - I A

Radiation Physics

Radiotherapy - Part - II B

Principles and Practice of Radiotherapy

### **SUBSIDIARY SUBJECTS:**

Ethics, Database Management

Research & Biostatistics, Computer application.

## **B.Sc. (ANAESTHESIA TECHNOLOGY & OPERATION THEATRE TECHNOLOGY)**

### **(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of four years including one year Internship from the commencement of the academic term.

### **THE SUBJECT OF STUDY DURING I YEAR :**

Anatomy, Physiology, Biochemistry, Pathology, Microbiology

### **SUBSIDIARY SUBJECTS:**

English, Kannada, Health Care, Clinical Lab Posting

### **THE SUBJECT OF STUDY DURING II YEAR :**

Medicine relevant to O.T. & A.T., Pathology & Microbiology, Pharmacology, Introduction to Anesthesia & Operation Theatre Technology

### **SUBSIDIARY SUBJECTS:**

Sociology, Constitution of India, Environment Science & Health

### **THE SUBJECT OF STUDY DURING III YEAR :**

Anaesthesia & Operation Theatre Technology – Clinical, Anaesthesia & Operation Theatre Technology – Applied, Anaesthesia & Operation Theatre Technology – Advanced

### **SUBSIDIARY SUBJECTS:**

Ethics, Database Management Research & Biostatistics, Computer application.

## **B.Sc. (RENAL DIALYSIS TECHNOLOGY)**

### **(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of four years including one year Internship from the commencement of the academic term.

### **THE SUBJECT OF STUDY DURING I YEAR :**

Anatomy, Physiology, Biochemistry, Pathology, Microbiology

### **SUBSIDIARY SUBJECTS:**

English, Kannada, Health Care.

### **THE SUBJECT OF STUDY DURING II YEAR :**

Applied anatomy & physiology related to dialysis technology, Pharmacology related to dialysis technology, Concept related to dialysis technology, Applied aspects of Pathology and Microbiology.

### **SUBSIDIARY SUBJECTS:**

Sociology, Constitution of India, Environment Science & Health Nutrition, Basics in Renal Dialysis Technology

### **THE SUBJECT OF STUDY DURING III YEAR :**

Applied Dialysis Technology - Paper I, Applied Dialysis Technology - Paper II

### **SUBSIDIARY SUBJECTS:**

Ethics, Database Management Research & Biostatistics, Computer application, Basic Sciences.



## **B.Sc. (OPTOMETRY)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of four years including one year Internship from the commencement of the academic term.

**THE SUBJECT OF STUDY DURING 1 YEAR :**

Anatomy & Physiology, Biochemistry & Nutrition, Ocular Anatomy , ocular Physiology & biochemistry, Physical & Principles of lighting,

**SUBSIDIARY SUBJECTS:**

Computer Basics & Computer Programming, English, Mathematics, Kannada, Basic Accounts

**THE SUBJECT OF STUDY DURING II YEAR :**

Optometric Optics & Dispensing optometry, Visual optics, Clinical Examination Of Visual System & Optometric Instruments, Pharmacology, Microbiology & Pathology, Clinics

**SUBSIDIARY SUBJECTS:**

Medical Psychology , Communications & Public relations

**THE SUBJECT OF STUDY DURING III YEAR :**

Contact Lenses, Systemic & Ocular diseases, Low Vision Aids & Geriatric Optometry, Practice management, law in optometry & occupational optometry, Research Methodology & Biostatistics, Pediatric Optometry, Advances In Optometry & Binocular Vision, Clinics & Special Clinics

**SUBSIDIARY SUBJECTS:**

Public health, Epidemiology

## **B.Sc. (NEURO SCIENCE TECHNOLOGY)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of four years including one year Internship from the commencement of the academic term.

**THE SUBJECT OF STUDY DURING I YEAR :**

Anatomy, Physiology, Biochemistry, Pathology, Microbiology

**SUBSIDIARY SUBJECTS:**

English, Kannada, Health Care.

**THE SUBJECT OF STUDY DURING II YEAR :**

Basic Electroencephalography, Basics of Nerve Conduction Study, Applied Anatomy & Physiology related to Neuro Science Technology, Pharmacology related to Neuroscience technology



**SUBSIDIARY SUBJECTS:**

Medical Psychology.

**THE SUBJECT OF STUDY DURING III YEAR :**

Advanced Technique I, Advanced Technique II, Systemic Disease

**SUBSIDIARY SUBJECTS:**

Research & Biostatistics

**B.Sc. (EMERGENCY & TRAUMA CARE TECHNOLOGY)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of four years including one year Internship from the commencement of the academic term.

**THE SUBJECT OF STUDY DURING I YEAR :**

Anatomy, Physiology, Biochemistry, Pathology, Microbiology

**SUBSIDIARY SUBJECTS:**

English, Kannada, Health Care.

**THE SUBJECT OF STUDY DURING II YEAR :**

Introduction to Emergency Medical Services, Emergency Department Equipment , Emergency Department Pharmacology

**SUBSIDIARY SUBJECTS:**

Sociology, Constitution of India, Environment Science & Health Nutrition

**THE SUBJECT OF STUDY DURING III YEAR :**

Medical emergencies, Trauma and surgical emergencies, Emergencies in pediatric and special population

**SUBSIDIARY SUBJECTS:**

Ethics, Database Research & Biostatistics, Computer application

**B.Sc. (RESPIRATORY THERAPY)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of four years including one year Internship from the commencement of the academic term.

**THE SUBJECT OF STUDY DURING I YEAR :**

Anatomy, Physiology, Biochemistry, Pathology, Microbiology

**SUBSIDIARY SUBJECTS:**

English, Kannada, Health Care.

**THE SUBJECT OF STUDY DURING II YEAR :**

Medicine relevant to Respiratory Therapy.., Pathology & Microbiology, Pharmacology, Introduction to Respiratory Technology

**SUBSIDIARY SUBJECTS:**

Sociology, Constitution of India, Environment Science & Health

**THE SUBJECT OF STUDY DURING III YEAR :**

Respiratory – Clinical, Respiratory Technology – Applied , Respiratory Technology – Advanced

**SUBSIDIARY SUBJECTS:**

Ethics, Research & Biostatistics, Computer application.

**B.H.A. (BACHELORS IN HOSPITAL ADMINISTRATION)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of three years consisting of six semesters.

**THE SUBJECT OF STUDY DURING 1 YEAR :**

<b>Semester</b>	<b>Main Subjects</b>
I Sem	Principles of Management
	Medical Terminology
	Fundamentals of Accounting
	Hospital & Health System(History & Evolution)
II Sem	Hospital Operation Management
	Business Statistics
	Project Management
	Health Economics
III Sem	Hospital Hazards & Disaster Management
	Bio Statistics (Operation Research & Research Methodology)
	Hospital Medical Records Management
	Materials Planning and Management
IV Sem	Epidemiology & Public Health Administration
	Hospital Core Services
	Strategic Management
	Management Information System
V Sem	Quality in Health Care
	Human Resource Management
	Hospital Support & Utility Services
	Financial Management
VI Sem	Cost & Management Accounting
	Organizational Behavior
	Marketing Management
	Hospital Related Law

<b>Semester</b>	<b>Subject</b>
I Semester	English
II Semester	Kannada

III Semester	Constitution of India
IV Semester	Sociology
V Semester	Computer Fundamentals

## MASTERS IN HOSPITAL ADMINISTRATION (M.H.A.)

### DURATION OF THE COURSE & SUBJECT OF STUDY:

The duration of the course is on full time basis for a period of two years consisting of four semesters from the commencement of the academic term

### SUBJECT OF STUDY :

Semesters		Subjects
First	Main Subjects	Fundamentals of Management and Organizational Behaviour
		Epidemiology & Public Health Administration
		Research Methodology, Quantitative Techniques & Business Statistics
		Management of Non Clinical Services
	Subsidiary Subjects	Human Body & Functions
Second	Main Subjects	Accounting and Financial Management in Healthcare
		Healthcare Economics & Health Insurance
		Hospital Planning & Project Management
		Management of Clinical Services
Third	Main Subjects	Human Resource Management & Industrial Relations
		Public Relations & Marketing Management in Healthcare
		Legal Aspects in Healthcare & Business Ethics
		Quality Management in Healthcare
Fourth	Main Subjects	Internship
		Project work on Hospital/Health Care or Case Study on Hospital / Health Care

## **M.Sc. (MEDICAL LABORATORY TECHNOLOGY)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of two years from the commencement of the academic term.

**THE SUBJECT OF STUDY DURING FIRST YEAR :**

**Main subjects:**

1. Biochemistry-I : Clinical Biochemistry, Biomedical Techniques, Laboratory Management.
2. Microbiology-I : Clinical Microbiology, Immunology, Molecular Biology
3. Hematology and Blood Transfusion-I : Haematology & Clinical Pathology, Immunopathology, Medical Genetics

**Subsidiary subjects:**

Biostatistics, Research Methodology.

Note : Main and Subsidiary subjects are common in I year for all the three branches.

**THE SUBJECT OF STUDY DURING SECOND YEAR :**

**Main subjects:**

1. Biochemistry – II      (2) Microbiology – II      (3) Hematology and Blood Transfusion – II

## **M.Sc. (MEDICAL IMAGING TECHNOLOGY)**

**(1) DURATION OF THE COURSE & SUBJECT OF STUDY:**

The duration of the course is of two years from the commencement of the academic term.

**THE SUBJECT OF STUDY DURING FIRST YEAR :**

**Main subjects:**

1. Radiographic procedure & principles
2. Instrumentation of conventional x-Ray & specialized radiology equipments
3. Advanced Technique and Instrumentation of ultrasonography
4. Advanced Technique and instrumentation of computed tomography

**Subsidiary subjects:**

1. Biostatistics

**THE SUBJECT OF STUDY DURING SECOND YEAR :**

**Main subjects:**

1. Advanced Technique and instrumentation of MRI
2. Interventional Radiology Techniques
3. Care of patients in Diagnostic Radiology
4. Radiation Evaluation & Protection in Diagnostic radiology
5. Nuclear Medicine Imaging Techniques

