



# Udupi Group of Institutions, Manipal

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Udupi Group of Institutions, Manipal



## COURSES OFFERED

- HOTEL MANAGEMENT
- FOOD TECHNOLOGY
- INTERIOR DESIGN & DECORATION
- FASHION DESIGN
- COMPUTER APPLICATIONS (B.C.A)
- BUSINESS ADMINISTRATION (B.B.A)
- COMMERCE (B.COM)
- AVIATION & HOSPITALITY MGMT.
- SUPPLY CHAIN & LOGISTICS MGMT.
- ARTIFICIAL INTELLIGENCE, BIG DATA ANALYTICS & CYBER SECURITY
- C.A/C.S/C.M.A COACHING
- NURSING (B.Sc, M.Sc, P.C.B.Sc)
- GENERAL NURSING (G.N.M)
- PHYSIOTHERAPY (B.P.T)
- MEDICAL IMAGING TECHNOLOGY
- MEDICAL LAB TECHNOLOGY
- CARDIAC CARE TECHNOLOGY
- RESPIRATORY CARE TECHNOLOGY
- DIPLOMA IN MEDICAL IMAGING TECH.
- DIPLOMA IN MEDICAL LAB TECH.
- DIPLOMA IN OPERATION THEATRE AND ANAESTHESIA TECH.



SCHOLARSHIP & EDUCATION LOAN ASSISTANCE

COLLEGE BUS FACILITY AVAILABLE

HOSTEL FOR BOYS & GIRLS AVAILABLE

TRAINING & JOB PLACEMENT ASSISTANCE



# Udupi Group of Institutions, Manipal

Udupi Group of Institutions, Manipal started in the year 2002 by establishing professional colleges approved by Government of Karnataka namely Udupi College of Professional Studies, Manipal (Affiliated to Mangalore University) and Udupi College of Nursing, Manipal (Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, Recognised by I.N.C & K.N.C). The pivotal aim of the institution is to provide opportunities for students seeking professional courses. The increased interest of the student community in the streams of professional education, institution started a few more colleges namely Udupi School of Nursing, Manipal (Approved by Karnataka State Diploma in Nursing Examination Board, Bengaluru), Udupi College of Physiotherapy, Manipal and Udupi College of Allied Health Sciences, Manipal (Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru).





## Courses Offered - **Udupi Group of Institutions, Manipal**

### Professional/Management Courses

Courses affiliated to Mangalore University & Approved by Govt. of Karnataka

#### **Udupi College of Professional Studies**

##### **HOTEL MANAGEMENT**

- B.Sc. H.S - 3 year

\* with Abroad Training (optional)

##### **FOOD TECHNOLOGY**

- B.Sc. F.T - 3 year

##### **FASHION DESIGN**

- B.Sc. F.D - 3 year

##### **INTERIOR DESIGN & DECORATION**

- B.Sc. I.D&D - 3 year

##### **BUSINESS ADMINISTRATION**

- B.B.A - 3 year

##### **COMMERCE**

- B.Com - 3 year

##### **COMPUTER APPLICATION**

- B.C.A - 3 year

##### **ADD-ON COURSES:**

- AVIATION & HOSPITALITY MANAGEMENT

- SUPPLY CHAIN & LOGISTICS  
MANAGEMENT

- ARTIFICIAL INTELLIGENCE, BIG DATA  
ANALYTICS & CYBER SECURITY

##### **COACHING:**

- COMPANY SECRETARY (C.S)

- CHARTERED ACCOUNTANCY (C.A)

- COST & MANAGEMENT ACCOUNTING  
(C.M.A)

### Medical Education Courses

Courses affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru & Approved by Govt. of Karnataka

#### **Udupi College of Nursing (Recognized by I.N.C & K.N.C)**

- B.Sc. Nursing (Basic) - 4 year

- P.C.B.Sc. Nursing - 2 year

- M.Sc. Nursing - 2 year

#### **Udupi College of Physiotherapy**

- B.P.T - 4 year + 6 month Internship

#### **Udupi College of Allied Health Sciences**

##### **MEDICAL IMAGING TECHNOLOGY**

- B.Sc. M.I.T - 3 year + 1 year Internship

##### **MEDICAL LAB TECHNOLOGY**

- B.Sc. M.L.T - 3 year + 1 year Internship

##### **CARDIAC CARE TECHNOLOGY**

- B.Sc. C.C.T - 3 year + 1 year Internship

##### **RESPIRATORY CARE TECHNOLOGY**

- B.Sc. R.C.T - 3 year + 1 year Internship

#### **Udupi School of Nursing**

Courses under K.S.D.N.E.B (Karnataka State Diploma in Nursing Examination Board, Bengaluru)

##### **GENERAL NURSING & MIDWIFERY**

- G.N.M - 3 year

#### **Udupi College of Paramedical Sciences**

Courses under Karnataka Nursing and Paramedical Sciences Education (Regulation) Authority and Approved by Govt. of Karnataka

**D.M.I.T** - Diploma in Medical Imaging  
Technology - 3 year

**D.M.L.T** - Diploma in Medical Lab Technology  
- 3 year

**D.O.T & A.T** - Diploma in Operation Theatre  
& Anaesthesia Technology - 3 year



# HOTEL MANAGEMENT

## B.Sc. Hospitality Science (B.Sc. H.S)

### PROGRAMME SPECIFICS

**Duration:**

3 Year Degree Programme including Industrial Training

**Eligibility:**

Pass in PUC or 10+2 or HSC or JOC/Diploma (Arts/Commerce/Science)

**Affiliation/Approval:**

Affiliated to Mangalore University and Approved by Government of Karnataka

**Course Overview:**

Hospitality Science is a service industry which focuses on serving the needs of food, recreation and accommodation to its clients from varied communities. It is an area of study that covers a wide range of topics concerned with the operational aspects of food and beverage industry. Education in hospitality science develops skills of the students to effectively manage different responsibilities such as front office, reservation service, food and beverage service/food and beverage production, housekeeping and also marketing and administrative/managerial aspects. Since it is a profession related to tourism it provides extensive opportunities for travel and working abroad.







## Job Prospects

- Hotel Industry (Executive Chef, Food & Beverage Manager, Executive Housekeeper, Front Office Manager, Restaurant Manager etc.)
- Cruise - Ship Hospitality Service Operations, Club Management
- Airline/Railway Catering
- Hospital Catering
- Industrial/Institutional Canteen, Food Court Management
- Tourism Associations such as State Tourism Development Corporations
- Hospitality Services in the Defence Services
- Hospitality Services in MNCs & Event Management
- Faculty in Hotel Management Institutions



**Dr. Kshama Shashidhar**  
Former Professor, UGI, Manipal

“Education is the premise of progress in every family, community and ultimately the very soul of every person. This enlightens the society where everyone tries to focus on education.”



# B.Sc. Food Technology (B.Sc. F.T)

## PROGRAMME SPECIFICS

### Duration:

3 Year Degree Programme

### Eligibility:

Pass in PUC or 10+2 or HSC or JOC/Diploma (Science)

### Affiliation/Approval:

Affiliated to Mangalore University and Approved by Government of Karnataka



## Course Overview:

Food Technology is the application of food science to the selection, preservation, processing, packaging and distribution of food and food products. The course provides in-depth knowledge and practical skills regarding food manufacture, food microbiology, food chemistry, dairy technology, food entrepreneurship etc. It is relatively a new field with good career options.







## Job Prospects

- Food Manufacturing & Processing
- Agro-Biotech, Dairy & Poultry Firms
- Bakeries, Confectionaries & Breweries
- Food Packaging
- Food Safety Auditing
- Food Microbiologist, Food Chemist
- Food Quality Controllers
- Food Inspectors
- Healthcare Industry
- Product Developers
- Food Technologist

“



**Ms. Amalu K. Varghese - Asst. Lecturer**  
Industry needs professionals who can use technology to produce best quality and quantity of food that meets the daily requirements of the people. This is where food technology specialists play their roles.

”





# B.Sc. Interior Design & Decoration (B.Sc. I.D&D)

## PROGRAMME SPECIFICS

### Duration:

3 Year Degree Programme

### Eligibility:

Pass in PUC or 10+2 or HSC or JOC/Diploma  
(Arts/Commerce/Science)

### Affiliation/Approval:

Affiliated to Mangalore University and  
Approved by Government of Karnataka



## Course Overview:

Interior design is the art and science of enhancing the interior of a building to achieve a healthier and more aesthetically pleasing environment for the people using the space. Education in interior design will prepare the students to acquire special skills of this industry such as color balancing, knowledge of material/-fabrics, styles and trends, sense of creativity, space planning, familiarity with codes, problem solving skills, commitment to client services, communication and strong computer skills. A student of the interior design course will learn to be sensitive to cultural, social, and practical concerns of the client and will examine materials, furniture, lighting, and emerging technologies in this perspective.







## Job Prospects

- Freelance Designer
- 3D Drafting
- Colour Consultant
- Aircraft Interior Designer
- Residential/Commercial Designer
- Own Designing Firms



“

**Mr. Indra Kumar S. Shetty B  
- Lecturer**



Interior design is a creative and specialised field which makes interior space both functional and beautiful by determining the requirements of a space/client and customising the furnishings using appropriate color, light and materials within the desired budget.

**Ms. Harshitha R. Shetty - Lecturer**

Interior designers work closely with architects, civil engineers and construction labourers to determine how an interior space can be furnished considering it to be aesthetically and functionally good for occupants. There are wide range of opportunities in retail compaies for interior designers.



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# B.Sc. Fashion Design (B.Sc. F.D)

## PROGRAMME SPECIFICS

### Duration:

3 Year Degree Programme

### Eligibility:

Pass in PUC or 10+2 or HSC or JOC/Diploma  
(Arts/Commerce/Science)

### Affiliation/Approval:

Affiliated to Mangalore University and Approved  
by Government of Karnataka



## Course Overview:

The Degree in Fashion Design combines fashion studies with intensive studio practice. A fashion design student will undergo training and knowledge development regarding visualising hand or computer-aided design (CAD), producing a design, planning, sourcing, selecting and buying fabrics. The student also learns about general trends relating to fabrics, colours and shapes. They are trained to have fine eye for details, developing ranges, understanding design from a technical perspective and production.







## Job Prospects

- Clothing/Costume Designers
- Freelance Designer/Stylist
- Fashion Illustrator
- Fashion Predictor
- Footwear & Accessory Designers
- Pattern Cutter/Grader
- Marketing for Fashion Companies
- Manufacturing Clothing & Accessories
- Fashion Research & Development
- Fashion Merchandizer
- Sustainability Expert for Forward-Thinking Fashion Companies
- Fashion Journalist

“



### Ms. Vidya Shetty J - Lecturer

Fashion Design is one of the most creative courses and considered as a professional education stream not only in India but abroad as well. To build a future in this field, one needs to have an artistic and creative personality. The aspirants need to be good at drawing and possess the knack to express their ideas by means of helpful sketches.

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# Bachelor of Business Administration (B.B.A)

## PROGRAMME SPECIFICS

### Duration:

3 year Degree Programme

### Eligibility:

Pass in PUC or 10+2 or HSC or JOC/Diploma  
(Arts/Commerce/Science)

### Affiliation/Approval:

Affiliated to Mangalore University and Approved  
by Government of Karnataka



## Course Overview:

In the course of Bachelor of Business Administration, emphasis is placed on knowledge and analytical skills required in business, with the focus on management and application. Building on core subjects of business management, the program aims to enhance the students' personal development, teamwork and presentation skills. The key areas of management such as Marketing, Human Resource Management, Operations Management, Commercial Law and Organizational Behavior are dealt in detail. These are complimented by Qualitative Methods as well as Accountancy and Finance.

## Job Prospects

- Accountant
- Auditor
- Tax Advisory Services
- Financial Services
- Banking
- Insurance Services
- Telecommunication Services
- BPO, etc.



# Bachelor of Commerce (B.Com)

## PROGRAMME SPECIFICS

### Duration:

3 year Degree Programme

### Eligibility:

Pass in PUC or 10+2 or HSC or JOC/Diploma (Arts/Commerce/Science)

### Affiliation/Approval:

Affiliated to Mangalore University and Approved by Government of Karnataka



## Course Overview:

Graduate programme in commerce aims to facilitate understanding of the operational aspects of business. The syllabus is designed in a manner to develop competency of the students in core subjects like Accounting, Finance, Banking, Insurance, Marketing, Business Law, Human Resources and Taxation. It also focuses on application of finance and computer application relating to concepts of Commerce. Students have the opportunity to pursue higher studies such as Master of Commerce (M.Com), Master of Business Administration (M.B.A), etc.

“



### Ms. Pallavi - Lecturer

The field of business administration and commerce has become prominent with the rapid growth of industrialization which has made the trade corporations think of a scientific approach towards business.

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## Job Prospects

- Tax Advisory Services
- Financial Services
- Banking
- Insurance Services
- Manufacturing Services
- Stock Market
- Export Import Business
- Accounting, Auditing etc



# Bachelor of Computer Applications (B.C.A)

## PROGRAMME SPECIFICS

### Duration:

3 year Degree Programme

### Eligibility:

Pass in PUC or 10+2 or HSC or JOC/Diploma  
(Arts/Commerce/Science)

### Affiliation/Approval:

Affiliated to Mangalore University and Approved  
by Government of Karnataka



## Course Overview:

Bachelor of Computer Applications (BCA) is one of the popular courses among the students who want to make their career in the IT (Information Technology) field. With the rapid growth of IT industry in India, the demand for computer professionals is also increasing day by day. The duration of the course is 4 years and divided into 8 semesters. The course includes subjects like C Programming, Data Structures, Algorithms Analysis, Database Management System, Object Oriented programming with C++ and Java, Computer Networks, Cryptography, Computer Graphics, Data Mining, Internet Basics and HTML, Internet of Things etc. This course provides opportunities to the students who are interested to work in IT sector as Software Analysts, Administrators, Engineers etc.

## Job Prospects

- Software Analyst
- Technical Outsourcing
- Computer System Organizer
- Networking Manager
- System Engineer
- Web Developer
- Software Developer
- System Administrator
- Database Management Professional
- Information Security Professional
- Information Management Professional
- System Security Officer



## Chartered Accountancy (C.A), Company Secretary (C.S) and Cost & Management Accounting (C.M.A)

Chartered Accountant (C.A), Company Secretary (C.S) and Cost & Management Accountant (C.M.A) are the best elite professions in the world. Students of B.Com course may opt for C.A/C.S/C.M.A coaching during their B.Com course itself.

The levels of coaching are as follows:

- CA
  - Foundation Programme
  - Intermediate Programme
  - Final Programme
- CS
  - Foundation Programme
  - Executive Programme
  - Professional Programme
- C.M.A
  - Foundation Programme
  - Intermediate Programme
  - Final Programme



## Job Prospects

### CA:

- Accountant
- Finance Executive
- Financial Planning Analyst
- Tax Advisor
- Independent Professional Practice
- Faculty for CA/CMA/CS etc.

### CS:

- Company Secretary
- Legal Advisor
- Financial Manager
- Project Manager
- Capital Market & Investor Relations Manager
- Independent Professional Practice etc.

### CMA:

- Financial Analyst
- Management Accountant
- Cost Accountant
- Financial Risk Manager
- Chief Financial Officer (CFO)
- Corporate Controller etc.



# Add-on Career Oriented Programme

- Aviation and Hospitality Management
- Supply Chain and Logistics Management
- Artificial Intelligence, Big Data Analytics & Cyber Security

## Affiliation/Approval:

Affiliated to Mangalore University and approved by Government of Karnataka.

## Add - on Course Overview:

Add - on courses are special capsule courses which are integrated into the mainstream courses by the Mangalore University in order to give the extra edge to the students to get jobs in any of the multiple industries other than the profession chosen at the graduate level. The option of choosing or not choosing and if chosen the field of the add - on course is the choice of the student. Classes and practicals for the add - on courses are conducted separately and the student at the end of the course receives certificate from the university for the selected add - on course. Student will receive a 'Certificate Course' certificate at the end of the first year, a 'Diploma Certificate' at the end of the second year and an 'Advanced Diploma' certificate at the end of the completion of the third year of study. These certificates are in addition to the graduate certificate which the student will obtain at the end of the course from the university in the mainstream he/she has chosen such as Business Administration, Hospitality Science, Commerce, or any of the graduate programmes under Mangalore University offered by the institution.

## Aviation and Hospitality Management

Students are enriched with skill development in the areas of aviation geography, functional layout of the airport, planning travel itineraries and international aviation laws. Further in relation to the hospitality industry catering science, food and beverage marketing, trends in hospitality industries, procuring, processing and storage of food materials and hospital catering are taught. Communication, finance, budgeting, and management which are common to both areas are also dealt with.



### Ms. Jayaprada K.P - Associate Professor

Hospitality means a warm welcome of a guest. From time immemorial, hospitality has been associated as a second nature to man. However, hospitality began as a profession much later.

Aviation on the other hand, lets the students gain an insight into aviation industry and gain skills in various areas such as cabin crew to ground staff, to ticket management, to aviation training. Aviation and Hospitality are both fields which look into the aspects of guest satisfaction.



## Job Prospects

- Customer Service Manager
- Tourism Officer
- Tour manager
- Air Cabin Crew/Air Hostess
- Fire Risk Assessor
- Human Resources Officer





## Supply Chain and Logistics Management



A student who has opted for this add - on course will undergo classes and necessary practical sessions regarding information technology, transport infrastructure, transport operations, warehouse, packaging, material handling, global supply chains and operational planning. Purchasing, materials handling, logistics, transportation, inventory control, and supply chain management have continued to evolve, causing many areas to intersect with one another.

- Job Prospects**
- Demand Planning Analyst
  - Procurement Manager
  - Distribution Centre Supervisor
  - Supply Chain Consultant
  - Sourcing Manager
  - International Logistics Manager
  - Inventory Control Manager
  - Master Production Scheduler

## Artificial Intelligence, Big Data Analytics & Cyber Security

Cyber Security Analysts rely on vast volumes of security event data to predict identify characterize and deal with security threats. These analysts must understand and make sense of these huge datasets in order to discover patterns which lead to intelligent decision making and advance warnings of possible threats and this ability requires automation. Big data analytics and artificial intelligence can improve cyber defence. Students who opt this add-on course undergo necessary theory & practical sessions at various levels of their studies.



- Job Prospects**
- Chief Information Security Officer
  - Business Intelligence Developer
  - Data Base Developer
  - Big Data Engineer
  - AI Engineer
  - Robotic Scientist











# Udupi College of Nursing

## B.Sc. Nursing

### PROGRAMME SPECIFICS

**Duration:**

4 Year Degree Programme

**Eligibility:**

Pass in PUC/HSC/10+2 Exam with minimum 50% marks in Physics, Chemistry and Biology. (SC/ST Candidates - minimum 40% marks)

**Affiliation/Approval:**

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, recognized by INC, KNC and Approved by Government of Karnataka

**Course Overview:**

This course demonstrates competency in the knowledge and skills in providing comprehensive nursing care based on the problem-solving approach in hospitals and communities.

Career options include employment in areas like hospitals, nursing homes, clinics and health departments, railways and defence etc.

“

**Dr. T. Jeya Rani**  
**Principal**

Nursing as a profession offers meaningful career filled with many opportunities, challenges and rewards. Nursing is all about the patient. It is a career that helps save lives, bring happiness to individuals and their families and comfort to those in need.

”





# M.Sc. Nursing

## PROGRAMME SPECIFICS

**Duration:** 2 Year Masters Degree in any one of the following speciality

- Medical and Surgical Nursing
- Paediatric Nursing
- Obstetrics and Gynaecological Nursing
- Psychiatric Nursing
- Community Health Nursing

### Eligibility:

- Minimum of 55% marks in B.Sc. Nursing/ Post Basic B.Sc. Nursing
- Registered Nurse

### Affiliation/Approval:

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, recognized by INC, KNC and Approved by Government of Karnataka

## P.C.B.Sc. Nursing

## PROGRAMME SPECIFICS

### Duration:

2 Year Degree Programme

### Eligibility:

1. Pass in G.N.M. (General Nursing and Midwifery)
2. Applicant should be a registered nurse

### Affiliation/Approval:

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru, recognized by INC, KNC and Approved by Government of Karnataka



### Course Overview:

M.Sc. Nursing is a post graduate course in theories and principles of nursing and allied sciences. This course involves the study of nursing education and research and knowledge on various specializations within Nursing.

M.Sc. Nursing graduates can obtain jobs in multi-speciality units/hospitals, private or government Hospitals, academic and research areas, nursing homes, old-age homes or armed forces. Any M.Sc. graduate can also work as a faculty in nursing college, be a nurse trainer, staff nurse, nursing supervisor, etc.



### Course Overview:

Post Certificate B.Sc. Nursing (P.C.B.Sc.) is a two year under - graduate programme pursued by candidates for higher education in nursing. This is a special course meant for the diploma nurses who want to update their qualification to a graduate level. A graduate programme in nursing motivates nurses to maintain and keep up with clinical competence for providing quality services. It develops teaching, administrative and research skills and also promotes personal and professional growth for better opportunities in the field of nursing.

Employment in areas like hospitals, nursing homes, clinics and health departments, railways and defence etc.



# Udupi School of Nursing

## General Nursing and Midwifery (G.N.M)

### PROGRAMME SPECIFICS

**Duration:**

3 Year Diploma Programme

**Eligibility:**

Pass in PUC or 10+2 or HSC  
(Arts/Commerce/Science)

**Affiliation/Approval:**

Affiliated to KSDNEB Bengaluru, Recognized by  
KNC and Approved by Government of Karnataka.

**Course Overview:**

This course focuses on the provision of taking care of individuals, families and communities. The subjects have been designed in such a way to develop skills in order to assist the sick to attain, maintain and recover optimal health and quality of life from conception to death.

Diploma nurses are hired in capacities such as staff nurses, emergency room nurses, community health nurses, nurse midwife, industrial nurses, school health nurses, etc.

“

**Ms. Bharathi R. Nayak**  
**Assistant Professor**

From mental health to care of aged or to rehabilitation, there are many areas which can make positive impact on the professional life of a nurse. As different levels of qualifications are achieved there will be parallel progress in the careers too. Nursing is not only a rewarding profession but also comes with unlimited opportunities.

”





# Udupi College of Physiotherapy

## Bachelor of Physiotherapy (B.P.T)

### PROGRAMME SPECIFICS

**Duration:**

4 Year Degree Programme with Internship

**Eligibility:**

Pass in PUC or 10+2 or HSC  
(Science)

**Affiliation/Approval:**

Affiliated to Rajiv Gandhi University of Health  
Sciences, Bengaluru and Approved by  
Government of Karnataka

**Course Overview:**

Bachelor of Physiotherapy is an in-demand course where students are placed in health institutes, hospitals etc or they can start their own practice as well. Given the change in lifestyle and increase of sedentary lifestyle the human body is more prone to pains and injuries. Physiotherapy is used to help them regain their life balance once again.

The career requires close contact with the patients and therefore compassion, good communication and understanding the problems of patients are some vital skills to succeed in the profession.



**Ms. Arpita Prasad Shanbhag**  
**Vice-Principal**

Paramedical is a science that deals with the pre hospital emergency services. This course supplements and supports doctors to complete their medical work. Health care is one of the fastest growing fields which requires trained person to complete its day to day work. Any medical purpose without paramedics is incomplete and it is the starting point of any medical treatment.





# Udupi College of Allied Health Sciences



**B.Sc. Medical Imaging Technology**

**B.Sc. Cardiac Care Technology**

**B.Sc. Respiratory Care Technology**

**B.Sc. Medical Lab Technology**

## About:

Allied Health Science courses are job oriented courses which teach an individual and change him into a competent health care worker. There is an increasing realization of the significance of paramedical personnel in the health sector, particularly in trauma and accident care. Health care delivery systems are undergoing fast changes and the demand for expert personnel is on the rise. This, in turn, has increased the demand for such courses in recent times.

## B.Sc. Medical Imaging Technology (B.Sc. M.I.T)

### PROGRAMME SPECIFICS

#### Duration:

4 Year Degree Programme including Internship

#### Eligibility:

Pass in PUC or 10+2 or HSC  
(PCMB)

#### Affiliation/Approval:

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru and Approved by Government of Karnataka



## Course Overview:

Medical imaging technology is a radiological science. With a degree in medical imaging technology an individual works both in hospitals and labs.

Scope of medical lab technology includes conducting x-rays for patients, assisting surgeons during major

surgeries, assessment of technical quality of images, maintenance of medical imaging equipment, giving suggestions regarding different imaging techniques, preparation of patients for different radiological procedures and assist physicians in any kind of radiological procedures.



# B.Sc. Cardiac Care Technology (B.Sc. C.C.T)

## PROGRAMME SPECIFICS

### Duration:

4 Year Degree Programme including Internship

### Eligibility:

Pass in PUC or 10+2 or HSC  
(PCMB)

### Affiliation/Approval:

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru and Approved by Government of Karnataka



## Course Overview:

B.Sc. Cardiovascular Technology course help students in acquiring better management skills for different cardiac disorders. The course trains students in applying specialized occupational theory and utilising the practical knowledge to have skills required to understand the concepts to work solely as a cardiovascular technologist and in other positions related to it. Students learn to effectively communicate in matters relating to technical issues, science and technology concerning cardiovascular ailments.



**Ms. Nireeksha Shetty K**  
**Vice-Principal**

The job of a technician is to perform tasks that require less medical training before and during the procedure. Cardiac Technologists assist physicians during invasive cardiovascular testing and procedure.





# B.Sc. Respiratory Care Technology (B.Sc. R.C.T)

## PROGRAMME SPECIFICS

### Duration:

4 Year Degree Programme including Internship

### Eligibility:

Pass in PUC or 10+2 or HSC  
(PCMB)

### Affiliation/Approval:

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru and Approved by Government of Karnataka



## Course Overview:

Respiratory Care Technology is a relatively new branch of Allied Health Sciences and a profession devoted to the scientific application of technology in order to assist in the diagnosis, treatment, management and care of patients with cardiopulmonary and associated diseases.

Respiratory therapists work with doctors and other healthcare professionals to evaluate, treat and care for patients who have breathing and other cardiopulmonary disorders.

In respiratory therapy programme students learn to perform diagnostic tests and limited physical examination. Respiratory therapy programs teach students to diagnose and treat cardiopulmonary problems and to help patients maintain their cardiopulmonary health.

Respiratory therapy curriculum typically covers coursework related to the health, function and treatment of the heart and lungs. Completion of clinical practice hours is often part of the degree requirements.





# B.Sc. Medical Lab Technology (B.Sc. M.L.T)

## PROGRAMME SPECIFICS

### Duration:

4 Year Degree Programme including Internship

### Eligibility:

Pass in PUC or 10+2 or HSC  
(PCMB)

### Affiliation/Approval:

Affiliated to Rajiv Gandhi University of Health Sciences, Bengaluru and Approved by Government of Karnataka

Medical technologists are an integral part of the medical profession. These professionals get involved in practical and technical work to aid correct diagnosis and effective functioning of Biochemical Laboratories.

The career prospects in this field depend on the academic and technical skills of the technologist/technician. Initially he/she joins any laboratory as a certified medical laboratory technician.

These days with the growth in the private sector there are so many private hospitals, nursing homes, blood banks, pathology laboratories etc. Hence, the demand for laboratory technicians is on the up-swing.

## Udupi College of Paramedical Sciences

### D.M.L.T

(Diploma in Medical Lab Technology)

### D.M.I.T

(Diploma in Medical Imaging Technology)

### D.O.T & A.T

(Diploma in Operation Theatre & Anesthesia Technology)

**Duration - 3 Year Diploma Programme**

**Eligibility - SSLC/PUC/Degree**

## Course Overview:

B.Sc Medical Laboratory Technology (M.L.T) is an Undergraduate Programme. It is concerned with the diagnosis, treatment and prevention of diseases through the use of clinical laboratory tests.

As vital members of the health care team, medical laboratory professionals play a critical role in collecting the information needed to give the best care to an ill or injured patient. The fact is that the practice of modern medicine would be impossible without the tests performed in the laboratory.



With adequate knowledge and experience, Medical Laboratory Technologists can advance to supervisory or management positions in laboratories and hospitals.

They can also work as Laboratory Manager/Consultant/Supervisor, Health Care Administrator, Hospital Outreach Co-ordinator, Laboratory Information System Analyst/Consultant, Educational Consultant/Coordinator etc.

Additional opportunities are available in molecular diagnostics, molecular biotechnology companies and in vitro fertilization laboratories as well as in research labs.



# Clinical Training:



## Affiliated Hospitals:

- District Hospital, Udupi
- Mahesh Hospital
- Yenepoya Hospital
- Primary Health Center, Kaup
- Primary Health Center, Manipal
- A V Baliga Hospital, Udupi
- Bapuji Child Health Institute & Research Centre, Davanagere
- Dharwad Institute of Mental Health Sciences

Clinical Training is an integral part of medical, paramedical and nursing education. In today's modern teaching, simulation has taken up a major part in the students' training program. However, clinical training at hospital is still the most important part of practical teaching for the health-related courses. Students are posted at various hospitals for their clinical experiences. Students train mainly at the Udupi District Hospital. The District Hospital, Udupi reaches to multiple groups of patients with various health problems. Being a hospital run by the Government of Karnataka, it caters to patients of all economic zones. While posted at the District Hospital, students are exposed to various levels of care such as primary, secondary and tertiary. Being a referral hospital, patients from in and around villages and towns reach out to the hospital.





# Facilities and Co-Curricular Activities

## Library

A spacious and well equipped library with recent edition books from India and abroad are available to the students. The library also subscribes to Indian and foreign journals on all specializations. The back volumes are also available for reference.



## Remedial Teaching Sessions

To help the students who have difficulty in understanding the subjects, special coaching classes are arranged after college hours, wherein professionals teach and clarify their doubts. These teachers assess the internal marks, identify their learning weaknesses and coach them accordingly.

## Co - Curricular Activities

Opportunities are provided to the students to develop and showcase their talents during different programs such as Lamp Lighting Ceremony, Talents' Day, Annual Day, etc. Professional skill development is encouraged by conducting special events during World AIDS Day, World Cancer day, International Nurse day, World Health Day, etc.

## Hostel and Mess Facilities

The hostel offers comfortable stay for the students within the campus during their course of study. The hostel is clean and comfortable and each room is provided with adequate facilities for study and stay. The hostel has a recreational hall, prayer hall and television. Mess facilities are available with a well maintained dining hall within the hostel. Vegetarian/ Non - vegetarian meals are prepared hygienically and served aesthetically.



## Sports, Games and Cultural Programmes

Along with academic studies, sports, cultural and other activities are regularly organized by the college every year.

## Examination Centre

Rajiv Gandhi University of Health Sciences has appointed Udupi College of Nursing as theory and practical examination centre for all nursing colleges in Udupi District since 2005.



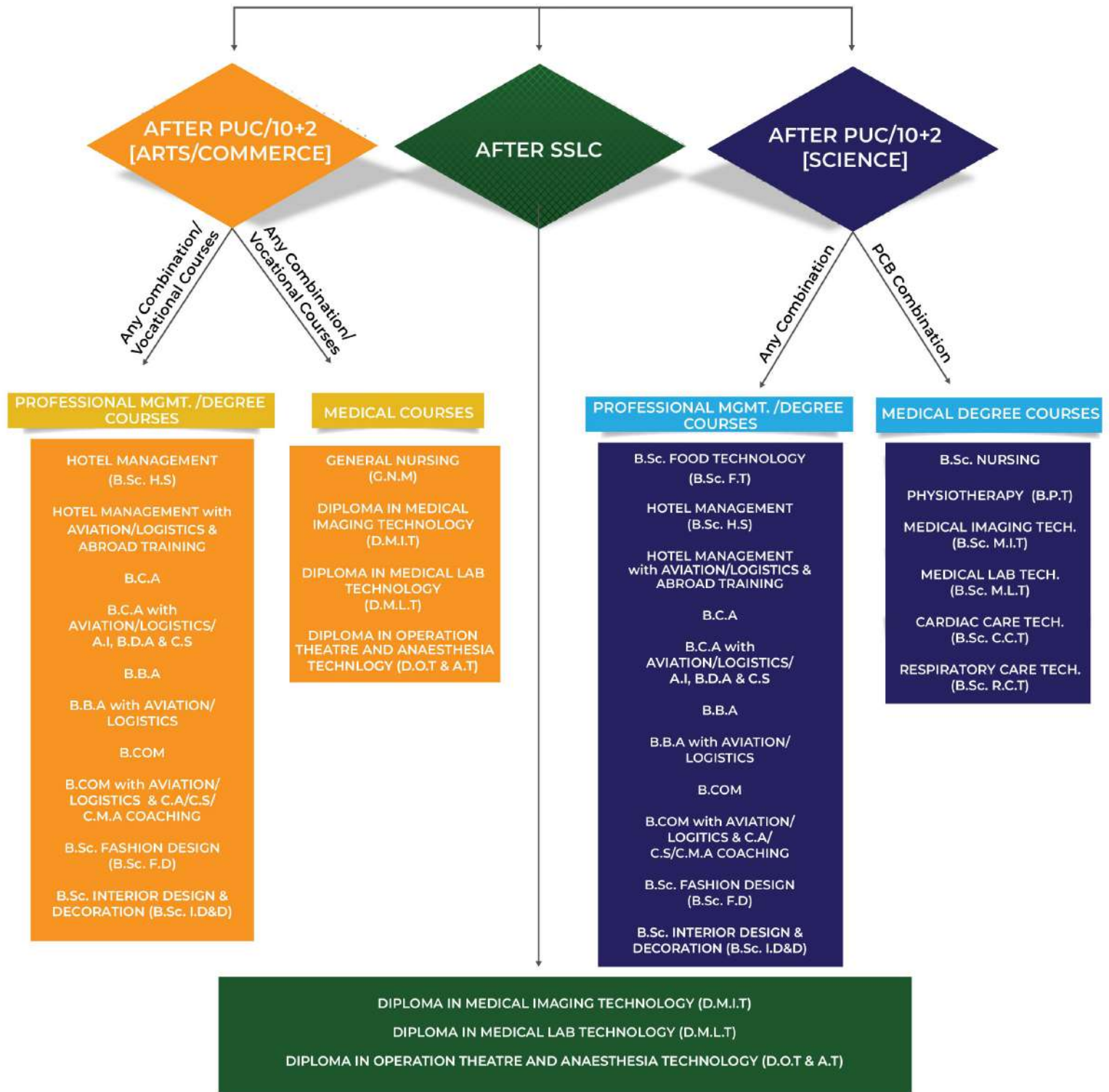








# STREAM-WISE COURSE OPPORTUNITIES



## SCHOLARSHIPS

Students are eligible for scholarship from the Trust of the Institution on the basis of their II PUC/10+2 percentage.  
 90% and above - Rs 25,000/-    80% to 90% - Rs.15,000/-    60% to 80% - Rs.10,000/-    50% to 60% - Rs.5,000/-

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