



**IQ CITY
MEDICAL
COLLEGE**
DURGAPUR



**LEARN
TO BE A
PARAMEDICAL
& ALLIED
HEALTHCARE
SPECIALIST**



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**IQ CITY
MEDICAL
COLLEGE**
DURGAPUR





Welcome to IQ City Medical College

We specialise in holistic education. Here our students are exposed to cutting-edge medical practices, healthcare sciences and technology.

Our experienced and learned faculty will give you an all-round knowledge and a hands-on learning experience. They will train you to be comparable to the best paramedical & allied healthcare professionals in the country.

The vast campus has ample green open and landscaped spaces for you to enjoy an open-air life. For your education, we provide air-conditioned classrooms, top-class laboratories, a well-stocked library, an array of recreations alongside safe and private accommodation.

The 50-acre IQ City Knowledge and Health Campus, that houses IQ City Medical College is part of The Mani Group. It was conceived to build homes for people who believe in quality. Over the last four decades, the Group has delivered more than 25 million sq ft to more than 3500 happy families. In addition to real estate, the Group has successfully diversified into Hospitality, Retail, IT, Power and Education.

I wish that all students of our Paramedical & Allied Courses have successful careers in serving our nation.

Sanjay Jhunjhunwala
President



Medical College



The Mani Group ventured into medical education in 2013. The IQ City Foundation set up the IQ City Knowledge & Health Campus, over a sprawling 50-acre picturesque location in Durgapur. This was to fuel a vision that empowers today's youth with skills and expertise necessary to become successful medical practitioners of tomorrow.

Keeping that in mind, the students from IQ City Medical College and IQ City Institute of Nursing Sciences are provided with world-class training to cure and care. The college presently conducts MBBS, MD, Paramedical & Allied, B Sc, M Sc in Nursing, GNM and other courses.

The Paramedical & Allied courses offers Bachelor's and Master's degrees in a variety of disciplines to fulfill a large need gap that exists in our country's medical services.

IQ CITY MEDICAL COLLEGE

This is a private, medical institute with world-class infrastructure that specialises in medical education. The college is attached with IQ City Medical College Hospital which has 798 beds and its multispecialities promise students the chance to interact with patients with different needs.

The Knowledge and Health Campus accommodates, besides the IQ City Medical College, IQ City Medical College Hospital as well as the IQ City Institute of Nursing Sciences.



COURSES OFFERED

DIPLOMA



COURSES OFFERED UNDER THE STATE MEDICAL FACULTY OF WEST BENGAL

ELIGIBILITY FOR ADMISSION TO ANY OF THESE COURSES

In the modern world, paramedical science has emerged as an important branch of medical science. It always helps towards better diagnosis, treatment, and therapy.

Paramedics are highly trained medical practitioners who make life-saving decisions under pressure but also put patients and their families at ease during difficult situations. Combining social skills with vast medical knowledge is a unique ability and one that paramedic science students master during the programme.

From an employment perspective, students have fantastic job prospects with a paramedic diploma. Talented paramedics are always in demand, which means that they would be able to find a job very easily, with a good grade, in hospitals, health care units, and diagnostic centres.

From an academic perspective, they can also enhance their academic programme through higher studies.

- » Diploma in Medical Laboratory Technology (DMLT)
- » Diploma in Radiography Diagnostic (DRD)
- » Diploma in Optometry with Ophthalmic Technique (DOPT)
- » Diploma in Cath-Lab technician (DCLT)
- » Diploma in Critical Care Technology (DCCT)
- » Diploma in Operation Theatre Technology (DOTT)
- » Diploma In Perfusion Technology (DPFT)
- » Diploma in Dialysis Technique (DIALYSIS)

- » You must have passed the Higher Secondary (10+2) or equivalent examination recognised by any Indian University or a duly constituted board with pass marks in Physics, Chemistry, and Biology, individually.
- » You must be at least 17 years as on December 1 of the year of admission.
- » Upper age limit is 40 years.

UNDERGRADUATE DEGREES



BACHELOR IN HOSPITAL ADMINISTRATION (BHA)

CAREER OPTIONS

Administrative posts in . . .

- » Hospitals and nursing homes.
- » Healthcare organisations.
- » Health insurance companies.
- » Public Health Departments.
- » Rehabilitation centres.
- » Medical tourism consulting firms.
- » Pharmaceuticals companies.

Imparts students with sufficient knowledge and skills to carry out the administrative operations of clinical and support service departments. Where the candidate will be capable of overall coordination of various activities of the hospital.



B Sc. IN PERFUSION TECHNOLOGY (PT)

CAREER OPTIONS

A Perfusionist in . . .

- » Super specialty hospitals.
- » ICU, and CTICU.
- » NICU and pediatric units.
- » Private and government hospitals.

ACADEMIC ADVANCEMENT

MSc in Cardiac Perfusion Technology

Perfusion technology deals with studying the physiology and pathology of respiratory organs. A perfusionist, AKA Certified

Clinical Perfusionist (CCP), is responsible for managing circulatory and respiratory functions of a patient during surgery to allow the cardiac surgeon to focus on the surgical procedure. The course also focusses on the required equipment that is used to support the functioning of the lungs and the heart during surgical procedures.



B Sc. IN CRITICAL CARE TECHNOLOGY (CCT)

- » PICU-Pediatric Intensive Care Unit.
- » NICU-Neonatal Intensive Care Unit.
- » HDU-High Dependency Unit.

ACADEMIC ADVANCEMENT

MSc in OT Technology, MHA and MBA.

Medical science is progressing rapidly. With it, the role of intensive and critical care has become crucial. As it involves the management of severely ill and moribund patients. Critical care technologists are trained to handle these patients under the supervision of the critical care consultants. They

must possess cognitive and psychomotor management competence of several complicated equipment and machinery used in intensive care units like Electrocardiogram (ECG), Arterial Blood Gas (ABG), Mechanical Ventilators, Treadmill Test (TMT), Extra-Corporeal Membrane Oxygenation (ECMO) and so on, to assist the critical care physician and critical care nurses during routine activities as well as during troubleshooting.

CAREER OPTIONS

In hospitals, nursing homes, commercial clinical laboratories as . . .

- » Laboratory Manager/Consultant/Supervisor.
- » Coordinator in training institutions.

Also in . . .

- » Bio-laboratory companies.
- » Pharma-specific biotech organizations.
- » Fertility research clinics.
- » Forensic research labs.

ACADEMIC ADVANCEMENT

Masters in medical laboratory technology.

BACHELOR IN MEDICAL LABORATORY TECHNOLOGY (BMLT)



Medical Laboratory Technology is considered as one of the most intriguing and delectable careers in the field of biology. Medical technologists are employed in different aspects of laboratory diagnosis such as Bio-chemistry (chemical

analysis of body fluids), Immuno-hematology (blood and immunity related testing), Microbiology (study of pathogenic organisms) Blood banking, cyto-histology (study of tissues) and molecular biology.



B Sc. IN OPERATION THEATRE TECHNOLOGY (OTT)

CAREER OPTIONS

As an OT technologist in . . .

- » Any healthcare establishment with an operation theatre.
- » Government and private hospitals.
- » Medical college affiliated hospitals.

These technologists are an integral part of a surgical

team in modern operation theatre strategies. They provide quality care in patient safety and management throughout the operative process via technical assistance to surgeon, anesthesiologist and operation theatre nurses. They offer essential assistance in sterilisation and preparation of instruments, drapes, linen, to ensure a smooth and proper workflow during surgery.

COMMON ELIGIBILITY CRITERIA ADMISSION

- » You must have passed the Higher Secondary (10+2) or equivalent examination recognised by any Indian university or a duly constituted board with pass marks in Physics, Chemistry, and Biology, individually.
- » You must be at least 17 years as on December 1 of the year of admission.
- » Upper Age limit is 40 years.

POST-GRADUATE DEGREES



MASTER IN HOSPITAL ADMINISTRATION

CAREER OPTIONS

Administrative posts in healthcare sector, e-health ventures, weight-loss centers, pharmaceutical firms, education institutes like medical colleges as . . .

- » Chief Operating Officer.
- » Hospital Administration Manager.
- » Marketing Executive.
- » Patient Relations Officer.

Master in Hospital Administration is a post graduate Hospital and Healthcare Management course. It is the field related to leadership, management, and administration of hospitals, hospital networks, and healthcare systems. Master in Hospital Administration is career orienting in nature that open up many career opportunities in various fields after its completion.

ELIGIBILITY

- » No upper age limit.
- » You must have passed MBBS BHMS | BAMS | BUMS BDS or have a full time regular bachelor's degree (Hons) from any recognised university.
- » Candidates must be registered with respective Council (if applicable)



MASTER IN APPLIED NUTRITION

CAREER OPTIONS

- » Nutrition consultants.
- » Therapeutic Dietician in hospitals.
- » Community Dietician.
- » Nutrition guide of athletic clubs.
- » Nutrition specialists in . . .
 - Hospitals.
 - Airlines.
 - Maternity and child health care centres.
 - Homes for the physically handicapped and mentally retarded persons.

- Nutrition or public health offices.
- Hotels and wellness spas.
- Research & Development agencies.
- Sports academies.

Nutritionists specialise in human nutrition, charting individual meals and their preparations. This is an evolving subject as majority of the Indian population suffers from non-communicable diseases like hypertension and diabetes mellitus. These are optimally managed by non-pharmacological measures in which diet control plays a vital role. Nutritionists conduct research on the composition and nutritive values of various diets, meals and feeding programs. They fix nutritional regimens for

patients in hospitals, athletes in sports institutes and so on.

ELIGIBILITY

- » No upper age limit.
- » You must have passed a full time regular course in BSc Hons. in Food & Nutrition | Dietetics | Food Science | Biochemistry | Physiology | Food Technology or a BSc in Clinical Nutrition and Dietetics from any recognised university.
- » You must have scored a minimum of 50% aggregate in the above qualifying examination.
- » You NOT eligible if you completed the above courses before 2016.



MASTER IN MEDICAL LAB TECHNOLOGY

CAREER OPTIONS

As Laboratory Manager/Consultant/Supervisor/Coordinator in . . .

- » Hospitals.
- » Nursing homes.
- » Commercial clinical laboratories.
- » Training institutions.
- » Bio-laboratory companies.
- » Pharma-specific biotech organisations.
- » Fertility research clinics.
- » Forensic research labs.

Bright career option after acquiring this degree is employment as academic faculty in medical colleges at par with medical specialities. Candidate who opt for M Sc in Medical Lab Technology is considered as specialists in that field. There are currently two courses offered in this Institute. One in Biochemistry and the other in Microbiology. These courses cover all that is included in the Bachelor's course and more. They are specialised either in the subject of Biochemistry or Microbiology.

ELIGIBILITY

- » No upper age limit.
- » You must have passed a full time regular course in BMLT from any recognised university.



Laboratories



Laboratories



INFRASTRUCTURE AND FACILITIES



Library



CT Scan Room



Cafeteria



Common Room



GYM

DISCLAIMER

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Ricorrenza-Annual Fest



Prayer Zone