

IQ CITY
MEDICAL COLLEGE
DURGAPUR



LEARN
TO BE A
PARAMEDICAL
SPECIALIST





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 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 Science Courses have successful careers in serving our nation.

A handwritten signature in white ink that reads "Sanjay Jhunjhunwala". The signature is written in a cursive, flowing style.

Sanjay Jhunjhunwala
President



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 Medical College presently conducts MBBS, MD and Diploma (Paramedical) courses while the Nursing Institute offers B Sc, M Sc in nursing & GNM courses.

The Allied Health Sciences division offers Bachelor's and Master's degrees in various disciplines to fulfill a large 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 to 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 & Health Campus accommodates, besides IQ City Medical College, the IQ City Medical College Hospital as well as the IQ City Institute of Nursing Sciences.



COURSES OFFERED

UNDERGRADUATE DEGREES



BACHELOR IN HOSPITAL MANAGEMENT

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.

training through laboratories. For reserved category candidates cut-off marks is 40% in all the above mentioned courses. The candidate must pass all subjects above mentioned in a single chance.

Candidates who are already pursuing any other course are not eligible for admission. It is a full-time regular course. However, candidates completing the course or resigning from the course before the date of counselling will be eligible for admission.

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.

ELIGIBILITY

Completed 10+2 with Physics, Chemistry, Biology & English, with 50% marks from a recognised board and school that has imparted practical



BACHELOR IN PHYSIOTHERAPY

Physical therapy, also known as Physiotherapy, provides treatment to physically ailing individuals to develop, maintain and restore maximum movement and function in the body. Ageing, injury and disease are certain inevitable occurrences which have furthered the need for graduates in this field.

For reserved category candidates cut-off marks is 40% in all the above courses. The candidate must pass all subjects above mentioned in a single chance.

Candidates who are already pursuing any other course are not eligible for admission. It is a full-time regular course. However, candidates completing the course or resigning from the course before the date of counselling will be eligible for admission.

CAREER OPTIONS

A physiotherapist in . . .

- » Out-patient clinics or offices.
- » In-patient rehabilitation facilities.
- » Extended care facilities.
- » Homes, education or research centres
- » Schools, colleges, sports bodies, industrial workplaces or other occupational environments.

ELIGIBILITY

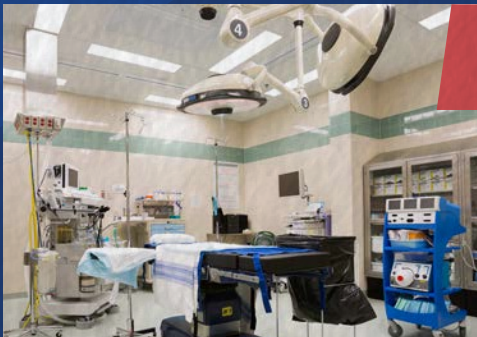
Completed 10+2 with Physics, Chemistry, Biology & English, with 50% marks from a recognised board and school that has imparted practical training through laboratories.

ACADEMIC ADVANCEMENT

Masters in Hospital Administration.



Laboratories



B SC IN OPERATION THEATRE TECHNOLOGY

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.

ELIGIBILITY

Completed 10+2 with Physics, Chemistry, Biology & English,

with 50% marks from a recognised board and school that has imparted practical training through laboratories. For reserved category candidates cut-off marks is 40% in all the above courses. The candidate must pass all subjects above mentioned in a single chance.

Candidates who are already pursuing any other course are not eligible for admission. It is a full-time regular course. However, candidates completing the course or resigning from the course before the date of counselling will be eligible for admission.

CAREER OPTIONS

As an OT technologist in . . .

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



B Sc IN CRITICAL CARE TECHNOLOGY

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.

ELIGIBILITY

Completed 10+2 with Physics, Chemistry, Biology & English, with 50% marks from a recognised board and school that has imparted practical training through laboratories. For reserved category candidates cut-off marks is 40% in all the above courses. The candidate must pass all subjects above mentioned in a single chance.

Candidates who are already pursuing any other course are not eligible for admission. It is a full-time regular course. However, candidates completing the course or resigning from the course before the date of counselling will be eligible for admission.

CAREER OPTIONS

Any hospital, private or government, or nursing home, medical college which has . . .

- » ICU-Intensive Care Unit.
- » CCU-Cardiac Care Unit.
- » ICCU-Intensive Cardiac Care Unit.
- » PICU-Paediatric Intensive Care Unit.
- » NICU-Neonatal Intensive Care Unit.
- » HDU-High Dependency Unit.

ACADEMIC ADVANCEMENT

MSc in OT Technology, MHA and MBA.

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 organisations.
- » Fertility research clinics.
- » Forensic research labs.

ACADEMIC ADVANCEMENT

Master in Medical Laboratory Technology.

BACHELOR IN MEDICAL LABORATORY TECHNOLOGY



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.

ELIGIBILITY

B Sc MLT/BMLT from any recognised university with a minimum 50% marks in aggregate of all subjects. B Sc in any Biological Science with DMLT from State Medical Faculty or its equivalent.



POST-GRADUATE DEGREES



MASTER IN HOSPITAL ADMINISTRATION

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 opens up many career opportunities in various fields after its completion.

ELIGIBILITY

Graduates in Medicine, MBBS/ BHMS/BAMS/BUMs. Graduates from any stream or from any recognised university. Those who appeared but results not yet published (in such cases, conditions of passing criteria be fulfilled) would be entitled for admission.

Candidates who have completed or will complete their rotating internship for one year after passing any medical examination on or before the date of counselling are eligible to apply.

Candidates who are already pursuing any other course are not eligible for admission till they complete the course but will be eligible to apply if the course is due to be completed within the date of third counselling.

However, candidates pursuing any other course, are permitted to apply, but their candidature will be considered during counselling only on production of the resignation letter from the course undertaken, duly countersigned and accepted by the appropriate authority.

CAREER OPTIONS

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

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



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 programmes. They fix nutritional regimens for patients in hospitals, athletes in sports institutes and so on.

ELIGIBILITY

B Sc Honours in Food & Nutrition/Dietetics/Food Science/Biochemistry/Physiology/Food Technology. Candidates with B Sc in Clinical Nutrition and Dietetics with

a minimum of 50% marks from any recognised college under a recognised university are also eligible.

Those who have appeared for the final of the aforesaid examinations may also apply, but will have to provide proof of passing the examination in 2019 (marksheet or pass certificate) at the time of counselling. Candidates would be appearing at examination through his/her declaration. If it is found that declaration is contrary to reality, she or he might be debarred from the candidature at any stage before or even after admission.

MASTER IN MEDICAL LAB TECHNOLOGY

**M Sc BIOCHEMISTRY OR
M Sc MICROBIOLOGY**

Candidates who opt for M Sc in Medical Lab Technology are 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

B Sc Honours in Microbiology for
M Sc Medical Laboratory Technology
in Microbiology.

B Sc Honours in Biochemistry for
M Sc Medical Laboratory Technology
in Biochemistry.

CAREER OPTIONS

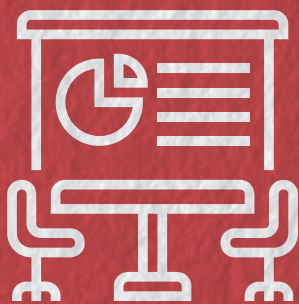
As Laboratory Manager/Consultant/
Supervisor/Coordinator in . . .

- » 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 on a par with medical specialities.



Laboratories



INFRASTRUCTURE AND FACILITIES



Classrooms



Laboratories



Cafeteria



Library



Laboratories



CT Scan Room



Ricorrenza-Annual Fest



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DURGAPUR



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