



**IQ CITY
MEDICAL
COLLEGE**
DURGAPUR



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



**IQ CITY
MEDICAL
COLLEGE**
DURGAPUR

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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 Jhunhunwala
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

UNDERGRADUATE DEGREES



BACHELOR IN HOSPITAL ADMINISTRATION (BHA)

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.

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 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.



B. SC. IN PERFUSION TECHNOLOGY (P.T.)

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

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

A Perfusionist in . . .

- » Super specialty hospitals.
- » ICU, and CTICU.
- » NICU and pediatric units.
- » Private and government hospitals.
- » Teaching and training professional.
- » Social welfare organizations.
- » Emergency Medical Care.
- » Sales and Marketing of Perfusion Products.

ACADEMIC ADVANCEMENT
MSc in Cardiac Perfusion Technology



B. SC. IN CRITICAL CARE TECHNOLOGY (C.C.T.)

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 recognized 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-Pediatric 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 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.

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.



B. SC. IN OPERATION THEATRE TECHNOLOGY (O.T.T.)

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 recognized 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.

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 open 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.

The 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 centers, pharmaceutical firms, education institutes like medical colleges as . . .

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



MASTER IN APPLIED NUTRITION

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

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 (marksheets 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.

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.



MASTER IN MEDICAL LAB TECHNOLOGY M Sc BIOCHEMISTRY OR M Sc 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 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

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



INFRASTRUCTURE AND FACILITIES



GYM



Lecture Theatre



CT Scan Room



Library



Laboratories



Common Room



Cafeteria

DISCLAIMER

- This prospectus is a compilation of information obtained and collated from different sections of IQ City Medical College, Durgapur and is correct at the time of going to print. Due care has been taken to faithfully reproduce the information provided by various sources.
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Ricorrenza-Annual Fest



Prayer Zone

