



Campus

IQ City Road, Durgapur 713 206, West Bengal
P +91 343 260 8500, E admissions@iqct.in

Kolkata Office

9-IT Chamber, Mani Square, 164/1 Maniktala Main Road
EM Bypass, Kolkata 700 054
P +91 033 2340 7100 | 2320 18781

IQ CITY
MEDICAL
COLLEGE
DURGAPUR
PROSPECTUS



PUSHING THE
BOUNDARIES
of
Medical Education





FROM THE DESK OF OUR PRESIDENT

IQ City Knowledge & Health Campus was conceived with the vision of offering affordable patient-centric healthcare facilities to all and creating highly competent healthcare professionals who can contribute towards a happier and healthier tomorrow with their knowledge and skills. Equipped with an ultramodern and expansive infrastructure, IQ City Knowledge & Health Campus is focused on setting new benchmarks in the field of education and improving the services for society at large. We are proud of the wonderful job our students are doing for the society.

The journey to becoming a doctor isn't easy. It's all about working diligently and selflessly to restore the health of patients. I wish the students all the very best for their future. We are sure that they are going to be great doctors and heal lives with their skills and knowledge everyday.

Sanjay Jhunhunwala
President



MEDICAL
COLLEGE

TEACHING
HOSPITAL

PARAMEDICAL
&
ALLIED HEALTH
SCIENCES

NURSING
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, 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 courses. It also offers B Sc & M Sc in various Health Sciences and GNM, B Sc & M Sc in Nursing Sciences.

QUALITY OF LIFE

IQ City Medical College aims to improve the quality of life by providing state-of-the-art healthcare facilities and services combined with global knowledge, practice, education, research setups and systems.

We endeavour to . . .

- Offer cutting-edge medical education, healthcare sciences and technology.
- Exceed stakeholders' expectations and be the best.
- Combine competence with commitment and compassion.
- Deliver all-round knowledge and a hands-on learning experience in a super speciality environment.
- Educate minds with the best of faculty led by experienced Heads of Departments.
- Foster research and innovation for a better future.
- Raise standards by competing, connecting and co-operating globally.



Presenting The DNA of Futuristic Medical Education

“TOMORROW BELONGS TO THOSE WHO
PREPARE FOR IT TODAY”
-MALCOM X

"EDUCATION ISN'T
PREPARATION FOR
LIFE, EDUCATION IS
LIFE ITSELF"

-JOHN DEWEY

IQ CITY MEDICAL COLLEGE

An unaided private, medical institute with world-class infrastructure that specialises in holistic medical education. Its goal is to nurture well-trained, idealistic and humane doctors, who will serve the nation with dedication. The teaching hospital has 830 beds and its beyond curricular multispeciality departments train students to deal with ailments/complex ailments and hone their own experience.

The 50-acre Knowledge & Health Campus offers a host to the IQ City Medical College, Teaching Hospital and the IQ City Institute of Nursing Sciences. Plans are underway for a Hospital Management College, College of Dentistry, Allied Health Sciences College, Pharmacy College and an International Standard School.





OUR VISION IS TO . . .

- Be a centre of excellence that provides evidence-based medical education, top quality medical care and ethical research.
- Improve the quality of life of population served.



OUR MISSION IS TO . . .

- Inculcate academic excellence, clinical skills, professionalism, managerial and leadership skills among students.
- Continually improve the quality of care for our patients.
- Promote clinical research as well as innovative community-based research for the betterment of society.

COURSES OFFERED AND DEPARTMENTS

UNDERGRADUATE AND POST-GRADUATE

- MBBS
- MD/MS

PRE-CLINICAL DEPARTMENTS

- Anatomy
- Physiology
- Biochemistry

PARA-CLINICAL DEPARTMENTS

- Pharmacology
- Forensic Medicine and Toxicology
- Microbiology
- Pathology

CLINICAL DEPARTMENTS

- Community Medicine
- General Medicine
- General Surgery
- Obstetrics and Gynaecology
- Paediatrics
- Orthopaedics
- Psychiatry
- Pulmonology
- Dermatology, Venereology and Leprology
- Dentistry
- ENT
- Ophthalmology
- Anaesthesiology
- Radiology
- Emergency



"SUCCESS CAN COME TO YOU BY
COURAGEOUS DEVOTION TO THE
TASK LYING IN FRONT OF YOU"

-C. V. RAMAN



ANATOMY

The faculty is a perfect amalgamation of experienced and enthusiastic academicians. From the first year they effectively inculcate undergraduate students with the right attitude towards learning Anatomy, one of the foundational sciences of the medical curriculum. The department recognises the importance of theoretical knowledge backed by extensive practical skills. It gives equal importance to regular lectures and practical classes.

Students are made familiar with the gross anatomy of the human body through dissection of cadavers and demonstration of specimens in the well-organised department museum. They are also provided with the daily opportunity to observe, under guidance, the intricate details of cellular and tissue anatomy or histology through microscopes.

Care is taken to acquaint them with the interpretation of relevant diagnostic tools, such as radiological images as well as the application of anatomy in clinical sciences i.e. Clinical Anatomy. The aim of the department is to enable budding medical personnel to visualise the inner workings of the human body whenever required. It endeavours to help students better understand disorders, diseases and disabilities of the patients. The department has both undergraduate and post-graduate programmes.

PHYSIOLOGY

The department of Physiology aims to impart theoretical knowledge, develop skills in various hematological, amphibian practical and clinical examinations to enhance the students understanding of topics and the ability to reason. The department is committed to excellence in academics for both undergraduate and post-graduate programmes. Apart from teaching the prescribed curriculum, regular seminars and quizzes are conducted to enhance the students knowledge.



BIOCHEMISTRY

Biochemistry is 'The science of the chemical basis of life'. It encompasses large areas of cell biology, molecular biology and molecular genetics. Clinical Biochemistry is important for diagnosing human diseases. Knowledge of Clinical Biochemistry is of utmost importance for a better understanding of disease pathology and cure. The department has both undergraduate and post-graduate programmes.

PHARMACOLOGY

Pharmacology brings undergraduate MBBS students from the bench to bed-side. The subject equips students with knowledge of different aspects of medicine and the application of it in clinical practice. The department of Pharmacology hosts a faculty that is professional and experienced. Under the able guidance of these accomplished teachers, the budding doctors receive knowledge and develop skills with hands-on practice essential for their medical careers. The department also conducts post-graduate programmes.



FORENSIC MEDICINE AND TOXICOLOGY

Knowledge of Forensic Medicine and Toxicology develops related aspects of medico-legal practice and helps the students to meet their needs. It chalks out the scope, provision and limitations concerning service to society. It also tries to develop a judicious medico-legal vision, thinking capacity and analytical mind in them. Students are also introduced to autopsy during their exposure in the department.

MICROBIOLOGY

The broad goal of teaching Microbiology is to enable medical students to diagnose, treat and prevent infectious diseases in individuals as well as the community. It is a subject which is ever expanding and includes various branches like Bacteriology, Immunology, Virology, Parasitology and Mycology. The department of Microbiology conducts both undergraduate and post-graduate programmes.



PATHOLOGY

The department of Pathology has facilities for Haematology, Cytopathology, Histopathology and Immunohistochemistry. It also has a service laboratory in the Hospital which runs 24/7 and provides services like routine clinical pathology, bone marrow study, FNAC (US and CT guided), fluid cytology, pap smear cytology and more. The blood bank has a state-of-the-art viral screening and component separation facilities.

It is manned by dedicated faculty members who have received training from different parts of the country and bestow consultation in their respective fields of expertise. They are also involved in research activities which include inter-institutional ICMR projects, ICMR-STs projects and inter-departmental projects. The department has about 50 research publications by the faculty members in various national and international journals. It has both undergraduate and post-graduate programmes.



COMMUNITY MEDICINE

Community Medicine is the branch of medicine which deals with preventing disease, promoting health and prolonging the life and well-being of population groups and communities by developing appropriate strategies based on the needs of the population.

Training in Community Medicine aims at nurturing physicians of tomorrow by enabling them to carry out healthcare at the primary, secondary and tertiary levels. They are trained to develop public health policies, design, implement and evaluate health programmes and then apply them to address varied community health issues. Rural and urban exposure is given through outreach activities in rural and urban health training centres located within 30 kms of the Institute. It offers both undergraduate and post-graduate programmes. The department of Community Medicine is the core department which facilitates Institutional Research of all disciplines.



GENERAL MEDICINE

Focus is the fundamental basis for the diagnosis and treatment of patients. This department works round-the-clock, taking care of both in-patients and out-patients and helps the students to develop their clinical acumen and logical thinking. The faculty members, besides practicing medicine, also conduct CME programmes, attend national and international conferences to update their knowledge and present their research papers.



GENERAL SURGERY

This field has seen immense advancement in terms of cutting-edge techniques that make surgeries safe, painless and are associated with early mobilisation. The faculty consists of Professors, Associate Professors, Assistant Professors and Senior/Junior residents who all are trained to handle complicated cases. They provide round-the-clock emergency services, basic and advanced laparoscopic and open surgery of all types. They also have access to a well-equipped surgical ICU. The undergraduate teaching programme comprises lecture classes, clinical demonstration, live surgeries and a video library besides endoscopy, demonstrations, discussions, tutorials and practical classes.



OBSTETRICS AND GYNAECOLOGY

Obstetrics is the medical specialty that deals with normal and complicated pregnancies. Gynaecology is the branch which deals with problems of the female reproductive organs in the non-pregnant state. The department of Obstetrics and Gynaecology at IQ City Medical College Hospital has a full-fledged team of a duty obstetrician, senior/junior residents and well-trained staff nurses who offer a full spectrum of Women's Healthcare Services and provide advanced treatment and care, from menarche (beginning of menstrual period) through pregnancy to menopause and beyond. Students are involved in taking care of gynaecological problems, deliveries and so on.





PAEDIATRICS

Paediatrics, in the undergraduate curriculum enables students to acquire the required knowledge and skills for dealing with major childhood health problems. It equips them to promote optimal growth and development in newborns and children. The department caters to children up to 18 years. Our highly qualified and dedicated teams of doctors provide state-of-the-art medical services with utmost sincerity and care.

We provide out-patient services from 9 AM to 5 PM where along with the general clinics, we run speciality clinics like Neuro-Development Clinic, Asthma Clinic, High Risk Newborn Follow-up Clinic and Well-Baby Clinics. Indoor services include a general Paediatric ward, Paediatric Intensive Care Unit (PICU) and Neonatal Intensive Care UNIT (NICU).

Students are exposed to unique learning opportunities through bedside clinical teaching, lectures and interactive problem-based learning sessions to acquire the knowledge and skills of paediatric medicine, neonatology and intensive care.

ORTHOPAEDICS

The Orthopaedic Surgery Department comprises Professors, Associate Professors, Assistant Professors and Senior/Junior Residents who handle all cases requiring spinal surgery and joint replacement arthroscopic surgery. It also offers Physiotherapy and Paramedical training. The undergraduate teaching programme includes clinical demonstration, discussion, tutorials, practical classes and exposure to management of common orthopaedic ailments including trauma.



PSYCHIATRY

The main objective of the department of Psychiatry is to reduce downfalls in mental health through treatment, research and training, and to promote mental positivity. We hope to enhance public awareness about mental health and eliminate the stigma attached to psychiatric disorders. Pharmacological as well as non-pharmacological management of the patient is practiced with modern treatment methods. We also have speciality services in Deaddiction, Child and Adolescent Mental Health, Perinatal Mental Health and Geriatric Mental Health.

Academic activities span academic rounds, teaching programmes, research activities, lectures and ward case discussions. We also liaise with other departments for the management of psychological problems in medically ill patients.



PULMONOLOGY

Pulmonary medicine is a branch of medicine that deals with the diseases of chest and the respiratory system like Asthma, Pneumonia, COPD, Allergic Rhinitis, Interstitial Lung Diseases, Lung Cancer and so on. The Department has a Functional Respiratory Medicine Ward along with Respiratory Intensive Care Unit with round-the-clock specialist care. It also has latest equipment like video Bronchoscope, Semi-Rigid Thoracoscopy for advanced diagnostic and therapeutic modalities with certified interventional pulmonologists of repute. The department organises various respiratory health related awareness programmes at the state, national and international levels.

The undergraduate teaching programme takes the form of regular bedside clinics where students are exposed to problem-oriented learning and development of clinical skills and observation.



DERMATOLOGY, VENEREOLOGY AND LEPROLOGY

Skin is the largest organ of the body and has an important relation with the mental and physical well-being. The department of Dermatology, Venereology and Leprosy specialises in the management of all dermatological problems along with the sexually transmitted infections and leprosy. Currently it has also started facilities in the field of Cosmetology and Dermatotomy for better care and cure as a step towards healthier skin.

DENTISTRY

The objective here is to advance oral health through excellence and innovation in education, patient care and research, so as to prepare students to be competent oral healthcare professionals by expanding their knowledge and understanding through research programmes. The aim is to allow them to serve the community by administering excellent oral healthcare treatments to a diverse population.



ENT

The department of ENT is equipped with contemporary equipment. It is manned by an experienced, dedicated and highly competent faculty. Round-the-clock attendance of all emergencies pertaining to the speciality is carried out most diligently. State-of-the-art equipment including flexible fiber optic endoscopy adds to the department's advantage. We value the confidence the patient has in us and we attend to each and every case with utmost care. The department has progressed over time and has successfully treated a significant number of patients for head and neck surgery apart from the routine ENT cases.

Surgeons at the Department of Otorhinolaryngology (ENT) periodically carry out reconstructive surgeries with excellent results. Also, laser tonsillectomy and laryngeal stenosis, which need special care, are treated and managed at the centre.





OPHTHALMOLOGY

Ophthalmology is a branch of medical science that deals with the anatomy, physiology and diseases of the eye. An ophthalmologist is a specialist in medical and surgical eye diseases. The department of Ophthalmology of IQ City Medical College Hospital is well-equipped with best-in-class equipment and ensures good exposure to the students in this field. The department boasts of advanced facilities to conduct absolute examination, diagnosis as well as the treatment of each ocular disease, encountered in paediatric patients and adults.

Academic activities include academic rounds, teaching programmes, research activities, lectures and ward case discussions.



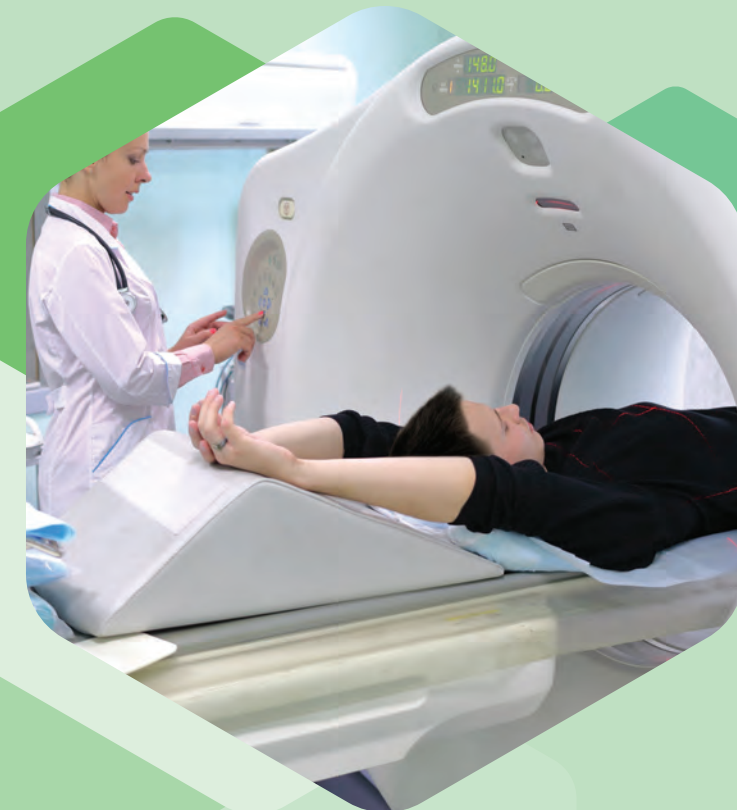
ANAESTHESIOLOGY

Department of Anaesthesiology supports a variety of surgeries, including general surgery with lab surgeries, orthopaedics, urosurgery, paediatric, plastic, neuro and cardiac surgery. It uses state-of-the-art technology and science and has multi-modular monitors, newer anaesthetic medicine and drugs, difficult airway equipment and other methods that provide excellent training opportunities.

RADIOLOGY

In the present day of evidence-based, medicine a high-end department of Radio-Diagnosis is essential for diagnosis and interventional techniques. The department of Radiology in IQ City Medical College Hospital is very well-equipped with the latest equipment and has an experienced faculty as well as staff that are ready to deliver quality patient care.

In addition to a total of 12 advanced static/Fluoroscopic and portable X-Ray machines, there are four Philips Ultrasound machines including 4D, 3D and Doppler studies. It has a latest 1.5 Tesla MRI machine, a Philips 128 slice CT scanner capable of HRCT, coronary and other angiographies and various 3D reconstructions. C-arm for Angiography is also there in the Cardiology Section. The department also undertakes advanced procedures like Radio Frequency Ablations, image guided therapy and procedures, TIFA and fetal echocardiography.



EMERGENCY

When an emergency happens, saving time saves lives. That's why IQ City Medical College Hospital has a Casualty and Emergency Department designed to treat in minutes, not hours. The moment a patient arrives, he is assessed and sent to the right level of care. The department handles a wide range of illnesses and injuries from cuts and broken bones, to acute stroke and heart attacks. Specialised teams respond immediately to traumas, strokes, and heart attacks, with round-the-clock access to surgery, digital X-ray, CT, MRI and other emergency services with advanced cardiovascular care 24/7.



FROM THE PRINCIPAL'S DESK

Dear Students,

We are pleased to inform you that IQ City Medical College in Durgapur is an institute recognised by the Government of India, Ministry of Health and Family Welfare, for the Undergraduate MBBS degree. The annual students' intake for MBBS is 150 and we are currently running our seventh batch. We have also been conducting MD courses and are permitted to carry out PG courses in Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology, Pathology, Community Medicine, General Medicine, Paediatrics, Dermatology, Psychiatry, Pulmonology, Radiology, Anaesthesiology, General Surgery, Orthopaedics, Ophthalmology, ENT and Obstetrics & Gynaecology.

Keeping our commitment to excellence in teaching and patient care, we have appointed faculty members who excel in their fields and guide the students in their academic and co-curricular activities. The college takes pride in being a place where students and faculty can pursue knowledge without boundaries.

We strive to achieve quality education, while ensuring overall development of the students. The emphasis is to recognise the importance of a supportive and stimulating learning environment using innovative teaching techniques and technological advances. The students have a comfortable and peaceful stay in the campus with facilities for education, extra curriculars, sports, recreation and healthy living.

With best wishes,

Brig. Gautam Ghose (Retd.)
MBBS, MD, MIPHA
Principal & Professor, Community Medicine



AMENITIES AND FACILITIES

- Classrooms
- Laboratories
- Hostels
- Cafeteria
- Library
- Recreational zone
- Entrance lobby and reception
- Expansive Outdoor Game Facilities
- Departmental Stores / ATM
- Xerox / Scanning facility on payment basis



CLASSROOMS

The five spacious air-conditioned classrooms with gallery type seating and multiple teaching-learning modes ensure optimum delivery of competence based Medical Education.

LABORATORIES

Students receive constant faculty guidance while learning the realities at the labs. The college has fully equipped laboratories in all pre and para clinical departments and research laboratories in every department.





URBAN HEALTH TRAINING CENTRE (City Centre)

Established in 2014

Distance from IQ City 7 km

Area covered 14 localities

Total population covered 35,000

Workdays 6 days a week, 9:30 AM to 4:00 PM

Specialist visits once a week each from the Ophthalmology, ENT, Obstetrics & Gynaecology and Paediatrics departments

Referral patients are referred to IQ City Hospital for investigation/admission

RURAL HEALTH TRAINING CENTRE (Baidyanathpur)

Location Baidyanathpur

Distance from IQ City 28 km

Area covered 7 villages

Total population covered 11661 (approx)

Workdays 6 days a week

Specialist visits once a week each from the Obstetrics & Gynaecology, General Medicine, General Surgery, Orthopaedic, Paediatrics, Ophthalmology, ENT and Dental departments

Health awareness camp on Observance of National Programmes and World Health Days

Field visits by MBBS, PG, Nursing professionals





The hostel facilities include

- Spacious rooms in AC and non-AC categories
- Air-conditioned 40-seater study room
- 24/7 Power backup
- 24/7 Security service
- 24/7 Lift service
- WiFi enabled
- Recreation Zone with television and music systems
- Common room with indoor games
- Visitors' room
- Laundry service

GIRLS' HOSTEL

The rooms are airy, completely safe and offer privacy. So that students feel right at home here.

The hostel facilities include

- Spacious rooms available in AC and non-AC categories
- Air-conditioned 25-seater study room
- 24/7 Power backup
- 24/7 Security service
- 24/7 Lift service
- WiFi enabled
- Recreation zone with television and music systems
- Common room with indoor games like table tennis, carom etc
- Visitors' room

BOYS' HOSTEL

The Institution has modern and separate hostel facilities for the boys.





CANTEEN

The college has a spacious canteen facility. Here a variety of high-quality food and snacks are provided to the college students and staff. It has a large kitchen with staff that serves nutritious and hygienic food with great care. Meals are served four times a day and they include breakfast, lunch, evening snacks and dinner.

The canteen functions between 7:30 AM and 10:00 PM. It serves food to the day scholars, staff and those who are staying at the hostels. It maintains the following standards

- Good hygiene
- Great taste and excellent quality food
- Great ambience
- Affordable prices



LIBRARY

Area 2400 sq metre

Books more than 11,500

Journals National 70, International 30

Back volumes National 170, International 120

Learning CDs 585

Air-conditioned reading rooms with the following seating capacity:

Internal Reading Room 150

External Reading Room 150

PG Students' Reading Room 40

Residents' Reading Room 40

Faculty Reading Room 40



OTHER FACILITIES

Students are encouraged to go beyond academics.

Many facilities are made available for students who want to refresh their minds and keep themselves physically fit. The students are provided the following indoor and outdoor facilities

- Wide range of games and playground for sports
- A well-equipped Gymnasium
- Cultural and literary events
- Cafeteria, food joint and hang-out zone
- Guest house
- Transportation
- Bank and ATM
- Prayer zone
- Departmental store



HOSPITAL HELPDESK

A dedicated and empathetic Hospital Helpdesk with audio facilities helps us serving queries from the patients' families. Better communication helps us building lifelong bonds with patients and their family. The Hospital Helpdesk assists in troubleshooting, solving problems and answering questions. The exhaustive and detailed system helps in digitising and simplifying the whole process of patient registration. The staff monitors efficient running of the course of activities.

WHO MATTER



MBBS Batch of 2016-21

RICORRENZA - ANNUAL FEST



DISCLAIMER

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