

PROSPECTUS

MBBS PROGRAMME



NAVY MEDICAL COLLEGE CHATTOGRAM

Administered by Bangladesh Navy

Affiliated with Bangladesh University of Professionals (BUP)

Approved by BMDC & Ministry of Health & Family Welfare



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PREFACE

The establishment of Navy Medical College, Chattogram (NMCC) marks a new milestone in the journey of Bangladesh Navy and the nation's higher education sector. With the guiding principles of discipline, dedication, and service to humanity, NMCC has been envisioned as a center of excellence in medical education that blends academic rigor with the naval ethos of integrity and commitment.

The college has received Approval in Principle and Academic Approval from the Ministry of Health and Family Welfare, following an on-site evaluation conducted by a distinguished team comprising representatives from the Directorate General of Medical Education (DGME), the Bangladesh Medical and Dental Council (BMDC), and respected Deans of medical faculties of public universities. This recognition stands as a testimony to the high standards of planning, infrastructure, and preparedness that the institution embodies.

In its design, facilities, and curriculum delivery, NMCC strives to match – and even exceed – the highest standards of medical education in Bangladesh. The academic building and residential hostels, built to state-of-the-art specifications, are nearly complete and ready to welcome the first batches of students. Laboratories and dissection halls are equipped with the latest models and instruments, while the simulation laboratory – the first of its kind to be launched from the very inception of a medical college in Bangladesh – ensures practical learning through modern technology.

Our academic hospital, BNS Patenga, a well-equipped naval hospital staffed by skilled professionals, has been designated as the teaching hospital of NMCC. This guarantees that our students will be exposed to the best practices of clinical medicine in a highly professional and safe environment.

As part of the greater family of institutions run by the Bangladesh Navy, NMCC is committed not only to excellence in academics but also to the holistic development of its students. With a disciplined residential environment, strong emphasis on character building, international-standard sports facilities, and a culture of co-curricular enrichment, NMCC promises to nurture future physicians who will be competent, compassionate, and globally respected.

MESSAGE FROM THE CHAIRMAN, BOARD OF TRUSTEES

It is with immense pride and deep satisfaction that I present this prospectus of the newly established Navy Medical College, Chattogram (NMCC). The establishment of this institution has long been a cherished dream for us — a vision born out of our commitment to the welfare of the members of Bangladesh Navy and their families, and to the greater cause of building a healthier, stronger society.

Bangladesh Navy has always stood at the forefront of national service — safeguarding sovereignty, securing our maritime frontiers, and contributing to nation-building in education, infrastructure, and humanitarian assistance. In keeping with this legacy, the creation of NMCC marks a significant milestone in our journey. It is not merely an academic establishment but a solemn pledge to contribute to the healthcare sector of our beloved nation by making competent, compassionate, and disciplined physicians.

I firmly believe that medical education is not only about producing doctors but also about shaping healers — men and women of knowledge, character, and empathy who will dedicate themselves to the service of humanity. NMCC has been designed with this philosophy at its core. With state-of-the-art facilities, the first-ever simulation laboratory introduced at inception, and clinical exposure through our academic hospital BNS Patenga, we aim to set new benchmarks for medical education in Bangladesh.

The Navy Medical College is guided by the principles of discipline, excellence, and service to humanity. It will contribute not only to meeting the nation's growing demand for qualified doctors but also to developing globally competitive professionals who can serve with distinction both at home and abroad. This institution will stand as a proud symbol of the Navy's enduring contribution to human resource development, in line with the vision of a prosperous and healthy Bangladesh.

I warmly welcome aspiring students to join this noble journey at Navy Medical College, Chattogram — where their dreams of becoming healers will be shaped with courage, integrity, and service to humanity.

Admiral M Nazmul Hassan, OSP, NPP, ndc, ncc, psc

Chief of Naval Staff and Chairman, Board of Trustees
Navy Medical College, Chattogram

MESSAGE FROM THE CHAIRMAN, GOVERNING BODY

It is a matter of great pride for me, as Chairman of the Governing Body of Navy Medical College, Chattogram, to present this prospectus to prospective students and their families. Bangladesh Navy has always been at the forefront of protecting our nation's sovereignty, ensuring maritime security, and contributing to national development. Establishing a premier institution for medical education under the Navy's supervision is a continuation of this commitment to the service of the people of Bangladesh.

Navy Medical College, Chattogram has been founded on three key pillars: Discipline, Academic Excellence, and Service to Humanity. The College will operate under the highest standards of safety, quality assurance, and academic rigor. A distinguished Governing Body composed of members from the Defence Forces, the Ministry of Health, the DGME, BMDC, BUP and academic experts will oversee its operations.

The facilities of NMCC have been designed keeping in mind the needs of the 21st-century physician. From modern lecture halls to simulation laboratories, from cutting-edge dissection halls to digital libraries, every effort has been made to ensure that our students receive the very best in medical training. The association with BNS Patenga, our academic hospital, will expose students to a wide range of clinical experiences under the guidance of expert naval and civilian medical professionals.

It is my firm belief that the graduates of NMCC will emerge as disciplined, dedicated, and competent doctors who will not only serve our nation but also stand tall in the international medical community.

I welcome you to join Navy Medical College, Chattogram – a place where tradition meets innovation, and where future physicians are shaped with values of service, courage, and excellence.

Rear Admiral Md Moinul Hassan, BSP, BCGM, ndc, ncc, psc

Commander Chattogram Naval Area and Chairman, Governing Body
Navy Medical College, Chattogram

MESSAGE FROM THE PRINCIPAL

It gives me immense pleasure to introduce Navy Medical College, Chattogram to students, parents, and well-wishers both at Navy and Outside. The Navy Medical College is a proud addition to the network of higher education institutions run by the Bangladesh Navy, reflecting its continued contribution to the nation's human resource development.

Our aim is not only to impart medical knowledge but also to instill in our students the values of discipline, compassion, and professionalism. At NMCC, students will be trained to become doctors of global standard who can serve with excellence in any environment — be it at home or abroad, in peace or in crisis.

The college campus has been designed to provide a serene, secure, and conducive learning environment. Academic programs will follow the Bangladesh Medical and Dental Council (BMDC) approved MBBS curriculum, ensuring standardization with other leading medical institutions. In addition, our emphasis on simulation-based learning, modern laboratory facilities, and clinical exposure at BNS Patenga will guarantee that students are well prepared for the challenges of modern medicine.

At NMCC, student welfare will always remain a top priority. With comfortable residential facilities, international-level sports and recreation options, cultural activities, and mentorship support, the college promises to provide a holistic environment for academic and personal growth.

I warmly welcome you to Navy Medical College, Chattogram. Together, let us begin a journey of excellence, discipline, and service to humanity.

Surg Cdr Mohammad Tarequl Islam, SGP, FCPS, MCPS, FACS

Principal

Navy Medical College, Chattogram



A Glimpse into Bangladesh Navy



History & Evolution of Bangladesh Navy

The Bangladesh Navy is the maritime arm of the Bangladesh Armed Forces, entrusted with the noble responsibility of safeguarding the sovereignty of our seas, ensuring maritime security, and protecting national interests along the country's 118,813 square kilometers of maritime territory. Since its inception during the Liberation War in 1971, the Navy has grown into a modern, three-dimensional force that not only defends the nation but also contributes significantly to its development.



From its modest beginnings with a few patrol craft during the early 1970s, the Navy has expanded into a technologically advanced fleet comprising frigates, corvettes, submarines, aircraft, and state-of-the-art base facilities. Its motto "In War and Peace Invincible at Sea" reflects its unwavering commitment to duty, discipline, and service.

Role of Bangladesh Navy in Nation Building

Beyond its defense role, the Bangladesh Navy has been actively involved in nation-building activities. Its contributions include:

1. **Maritime Security & Blue Economy** – Protecting Bangladesh's Exclusive Economic Zone (EEZ) and harnessing resources from the Bay of Bengal for sustainable development.

2. **Disaster Management & Humanitarian Assistance** – Playing a frontline role in rescue, relief, and rehabilitation during cyclones, floods, and natural disasters.
3. **Peacekeeping Operations** – Contributing contingents and medical teams to United Nations peacekeeping missions, thereby projecting Bangladesh's values of peace and humanity to the world.
4. **Infrastructure Development** – Establishing bases, shipyards, and technical facilities that also support the country's industrial and economic growth.
5. **Education & Human Capital Development** – Running numerous schools, colleges, and professional training institutes across Bangladesh, producing disciplined, competent, and skilled citizens.
6. **Environmental Stewardship:** Vigilantly monitor pollution levels and assess potential ecological threats within coastal areas and maritime zones. This involves the enforcement of maritime laws, ensuring adherence to sustainable fishing practices, and taking proactive measures to safeguard and preserve the health of the environment. By doing so, we aim to maintain the ecological balance, protect marine biodiversity, and promote long-term sustainability in these crucial areas.

Bangladesh Navy and the Education Sector

The Navy firmly believes that investment in education is investment in the future. Over the years, it has established a strong network of educational institutions ranging from schools to professional colleges. These institutions embody naval values of discipline, integrity, and excellence.

Key educational initiatives of Bangladesh Navy include:

- **Navy Anchorage Schools & Colleges:** Established in Dhaka, Chattogram and Khulna, these English version under national curriculum and Bangla-medium schools provide high-quality education from pre primary to higher secondary level. They have earned nationwide recognition for their academic achievements and strict discipline.

- **Bangladesh Navy School & College (Dhaka, Chattogram, Khulna, Mongla, Kaptai and Patuakhali):** These prestigious institutions serve as centers of excellence for secondary and higher secondary education, producing outstanding results in public examinations.
- **Bangladesh Naval Academy (BNA):** The premier training institution for future naval officers, equipping them with professional, academic, and leadership training.
- **Bangladesh Institute of Maritime Research and Development (BIMRAD):** A naval think-tank dedicated to research in maritime strategy, oceanography, and the blue economy.
- **New Entry Training School (NETS) (Sher-E-Bangla, Patuakhali):** Institution for foundation training for future Naval Sailors.
- **Marine Academies & Specialized Institutes:** Institutions under Bangladesh Navy's supervision and management prepare cadets and trainees for careers in marine engineering, navigation, and shipbuilding.
- **Ashar Alo in Chattogram and Khulna:** They provide special education, physical therapy, vocational training, and nursing care to help children with disabilities become confident and self-reliant. Its motto, "Rights for Special Education," reflects a commitment to equal educational and developmental opportunities for children with special needs. Ashar Alo Chattogram was recognized as the "Best Specialized Institution in Bangladesh" for its work with children on the autism spectrum.

Higher Education Initiatives of Bangladesh Navy

To extend its contribution to higher education, the Bangladesh Navy has established and nurtured several specialized institutions:

- **Bangladesh Maritime University:** The first maritime university of Bangladesh, established with strong support from the Navy, focuses on maritime law, oceanography, naval architecture, and related fields.
- **Armed Forces Medical Colleges & Institutes:** Along with the Bangladesh Army and Air Force, the Navy has played a vital role in supporting military-run medical institutions across the country.

- **Navy Medical College, Chattogram (NMCC):** The most recent addition to this noble list, NMCC represents the Navy's foray into the field of professional medical education, combining its hallmark discipline with world-class academic standards.

Education Philosophy of Bangladesh Navy

The Navy's educational philosophy is rooted in the belief that Discipline and Knowledge must go Hand in Hand. Every institution under its management emphasizes:

- Academic excellence through structured curricula and modern teaching methods.
- Moral and ethical training based on naval values of integrity, service, and patriotism.
- Physical fitness and leadership development through sports and co-curricular activities.
- Safety, security, and welfare as fundamental responsibilities of the institution.

With decades of success in running schools, colleges, and specialized academies, the Bangladesh Navy has proven itself as a trusted guardian of quality education. The establishment of Navy Medical College, Chattogram is a natural extension of this legacy — one that integrates academic excellence with naval discipline to prepare competent doctors who will serve both Bangladesh and the world with dignity and skill.





Inception of Navy Medical College, Chattogram



Background of Establishment

The vision of establishing Navy Medical College, Chattogram (NMCC) emerged from the Bangladesh Navy's longstanding commitment to serving the nation beyond the seas. Recognizing the growing demand for high-quality medical education and healthcare delivery, the Navy took the initiative to set up a medical college that would reflect the core values of naval service — discipline, dedication, and excellence.

Chattogram was chosen as the location for this prestigious institution for several compelling reasons. As Bangladesh's principal port city and a hub of commerce, industry, and naval activity, Chattogram represents both tradition and modernity. It is home to one of the largest naval establishments of the country, ensuring a supportive environment and access to naval infrastructure. Moreover, its strategic coastal position allows the college to serve not only the local population but also wider regions through healthcare and outreach programs.

Thus, Navy Medical College, Chattogram was conceived as a beacon of medical excellence in the port city, poised to produce doctors who are academically competent, morally upright, and globally competitive.

Approval & Recognition

Before its inception, the proposal for NMCC underwent rigorous scrutiny by the Government of Bangladesh. The following milestones reflect its journey to official recognition:



- **Approval in Principle** – Granted by the Ministry of Health & Family Welfare after extensive evaluation.
- **Inspection by an Expert Committee** – A team comprising representatives from the Directorate General of Medical Education (DGME), Bangladesh Medical & Dental Council (BMDC), and Deans of public medical universities visited the site and assessed compliance with requirements.
- **Academic Approval** – Secured following a positive evaluation, acknowledging that NMCC fulfills the necessary conditions to start its MBBS program.

The approval process demonstrates the government's confidence in NMCC's infrastructure, governance, and academic readiness. This recognition also ensures that the MBBS degree awarded through NMCC will be equivalent to other BMDC-recognized medical colleges in Bangladesh.

Affiliation with Bangladesh University of Professionals (BUP)

Navy Medical College, Chattogram is affiliated with the Bangladesh University of Professionals (BUP) — a leading public university administered by the Armed Forces.

BUP was established to ensure quality higher education and research under the motto: "Excellence through Knowledge." It has become the affiliating and degree-awarding body for Armed Forces Medical Colleges and other professional institutions across Bangladesh.

Through this affiliation, NMCC students will benefit from:

- Standardized MBBS curriculum and academic regulations under BMDC.
- University-supervised examinations and quality assurance mechanisms.
- Recognition of their degrees at both national and international levels.
- Opportunities for research collaboration and postgraduate pathways within BUP's academic framework.

This affiliation cements NMCC's status as a prestigious, nationally integrated medical institution.

Vision

To be a premier medical college in Bangladesh, producing disciplined, compassionate, and globally competent doctors who will blend medical knowledge with a spirit of service, innovation, and integrity.

Mission

1. To impart internationally benchmarked MBBS education in compliance with BMDC guidelines.
2. To foster academic excellence alongside the values of discipline, ethics, and service instilled by the Bangladesh Navy.
3. To prepare graduates who can serve in diverse healthcare settings, from rural clinics to international hospitals.
4. To develop holistic professionals through emphasis on research, simulation-based training, sports, cultural activities, and leadership development.
5. To contribute to the healthcare needs of Bangladesh by training doctors who are capable of addressing local and global challenges.

Objectives

The objectives of NMCC are both academic and humanitarian in nature:

- **Produce Skilled Physicians:** Train qualified doctors capable of working in challenging environments both at home and abroad.



- **Promote Research & Innovation:** Encourage medical research that addresses national health priorities.
- **Provide Clinical Excellence:** Utilize BNS Patenga as the teaching hospital for practical and clinical training.
- **Maintain Naval Standards of Discipline:** Create an atmosphere of safety, integrity, and responsibility.
- **Enhance Global Competitiveness:** Equip graduates with skills and knowledge to pass international medical licensing examinations.
- **Community Service:** Conduct outreach programs, free medical camps, and awareness campaigns for underprivileged communities.

Governance & Administration

Navy Medical College, Chattogram will be administered under the direct supervision of the Bangladesh Navy. The governance framework ensures a blend of military discipline and academic freedom.

1. Governing Body

- The Governing Body is chaired by a senior Naval officer.
- Members include high-ranking representatives from the Defence Forces, officials from the Ministry of Health & Family Welfare, representatives of DGME and BMDC, and distinguished academic professionals.
- The Governing Body is responsible for policy-making, resource allocation, and oversight of institutional performance.

2. Principal

- The Principal serves as the chief academic and administrative officer.
- Responsible for implementing academic programs, ensuring discipline, and maintaining quality assurance.

3. Academic Council

- The highest academic authority within NMCC.
- Chaired by the Principal, with members including Vice-Principal,

Heads of Departments, Professors, and student representatives.

- Responsible for curriculum implementation, examination policies, and academic standards.

4. Disciplinary Committee

- Upholds the values of discipline and integrity in line with naval traditions.
- Ensures that students, staff, and faculty maintain a respectful and professional environment.

Unique Features of NMCC

What distinguishes NMCC from other medical colleges in Bangladesh is its combination of Modern Academic Infrastructure, Naval Discipline, and Forward-looking Innovation:

- First Simulation Laboratory in a Medical College (from inception).
- Academic Hospital (BNS Patenga) with highly skilled manpower and modern facilities.
- State-of-the-art Academic & Hostel Buildings constructed to international standards.
- Comprehensive Sports & Co-Curricular Facilities, including swimming pool, football, tennis, basketball, and cultural activities.
- Highly Qualified Faculty selected through rigorous procedures involving national-level experts.
- Safe & Disciplined Campus Environment with optimum security measures under naval administration.

Navy Medical College, Chattogram stands at the confluence of three traditions: the discipline of the Bangladesh Navy, the academic rigor of BUP and BMDC, and the humanitarian mission of the medical profession. With its approvals secured, infrastructure nearly completed, and faculty appointments finalized, NMCC is ready to embark on its journey of producing the next generation of physicians.

The College is not merely an institution — it is a promise: a promise of excellence, discipline, and service to humanity.



An overview of Campus and Facilities



Background of Establishment

"Discipline of the Navy. Excellence of Medicine. Future of Healthcare."

Overview of the Campus

"It's not just a college, but a community of future healers."

The Navy Medical College, Chattogram (NMCC) campus is designed to provide an environment of academic excellence, safety, and holistic development. Situated in the vibrant port city of Chattogram — home to the country's largest naval base and commercial hub — the campus blends modern infrastructure with the values of naval discipline.

The academic and residential facilities of NMCC have been constructed to international standards, ensuring that students can learn, live, and grow in a secure and enriching environment. From lecture halls to simulation laboratories, from comfortable hostels to world-class sports complexes, every aspect of the campus has been carefully planned to meet the expectations of both national and international students.

Academic Building: Excellence at the core

"Global knowledge, local leadership."

At the heart of the campus stands the 115000 Sq ft state-of-the-art academic building, purpose-built to accommodate all essential facilities for MBBS education.



- **Lecture Galleries:** Spacious, well-ventilated lecture halls equipped with multimedia projectors, interactive whiteboards, and sound systems. Each gallery is designed to seat large batches of students comfortably while maintaining visibility and acoustics.

- **Tutorial Rooms:** Smaller, seminar-style rooms to facilitate group discussions, tutorials, and problem-based learning (PBL). These allow personalized interaction between faculty and students.



Tutorial Room

- **Seminar & Conference Rooms:** Dedicated spaces for academic workshops, guest lectures, and professional development sessions.



Conference Room

- **Departmental Offices:** Each department (Anatomy, Physiology, Biochemistry, etc.) is provided with its own faculty rooms, labs, and administrative spaces.

- **Computer & IT Facilities:** A fully equipped IT lab with high-speed internet access, offering digital learning resources, e-books, and access to online databases like HINARI.



Library & Skill Lab

Laboratories & Practical Training Facilities: Bridging theory and practice

Medical education thrives on hands-on learning, and NMCC ensures this through a wide range of modern laboratories:

- **Anatomy Dissection Hall:** Designed to accommodate multiple groups of students simultaneously, with preserved cadavers, prosected specimens, and advanced models. This hall allows first- and second-year students to develop a clear understanding of human body structure.

Anatomy Dissection Hall & Model Room



- **Histology & Microscopy Lab:** Equipped with high-resolution microscopes and digital imaging systems for microscopic study of tissues and cells.
- **Physiology & Biochemistry Labs:** Outfitted with modern instruments for experiments and practical demonstrations on body functions, biochemistry reactions, and molecular biology.
- **Pathology & Microbiology Labs:** Equipped for slide preparation, staining, microbial culture, and clinical diagnostic training.

Histology Lab



Biochemistry Lab



Physiology Lab



Microbiology Lab



- **Forensic Medicine & Toxicology Lab:** Special facilities for medico-legal training, toxicology experiments, and case-based studies.
- **Pharmacology Lab:** Complete with models, simulations, and instruments for teaching drug mechanisms, dosage, and therapeutic practice.

Simulation Laboratory

One of the unique hallmarks of NMCC is the establishment of a Simulation Laboratory from inception — the first of its kind among medical colleges in Bangladesh.

- **High-Fidelity Mannequins:** Simulating real-life clinical conditions such as cardiac arrest, trauma, or childbirth, enabling students to practice emergency responses.



- **Virtual Reality Modules:** For training in anatomy, surgery, and patient interaction.
- **OSCE (Objective Structured Clinical Examination) Stations:** Providing standardized testing environments to assess practical competencies.
- **Skill Practice Units:** Including venipuncture arms, intubation trainers, and cardiopulmonary resuscitation (CPR) dummies.

This laboratory ensures that students gain confidence and competence before interacting with real patients, thus bridging the gap between theory and practice.

The Knowledge Hub: Library and Digital Resources

"A library that opens doors to the world of medicine."

The NMCC Library is envisioned as a center of academic excellence, providing access to traditional and digital resources:

- **Print Collection:** Latest editions of medical textbooks, reference works, atlases, and journals.
- **Digital Access:** Subscriptions to e-journals, BMJ, PubMed, and WHO's HINARI digital library.
- **Reading Rooms:** Spacious, air-conditioned halls for group and individual study, open late into the evening.
- **Faculty Support:** Dedicated research and reference desks to assist both students and teachers in academic work.
- **Wi-Fi Enabled:** Students can access online resources seamlessly within the library and throughout the academic building.

Hostel & Residential Facilities: A Home of Safety & Friendship

Recognizing the importance of a safe and supportive residential environment, NMCC offers separate hostels for male and female students, designed to international standards:



- **Accommodation:** Well-furnished rooms with adequate lighting, ventilation, and modern amenities.
- **Mess & Dining:** Nutritious meals prepared under hygienic conditions, with naval oversight ensuring quality.
- **Recreational Spaces:** Common rooms with TV, indoor games, and quiet reading corners.

- **Safety & Discipline:** 24/7 security, CCTV monitoring, and adherence to naval codes of conduct.
- **Guest Rooms:** Available for parents and guardians during visits.

All students are required to reside on campus, ensuring discipline, security, and community spirit.

"A home away from home, built with care."

Sports & Fitness Complex: Strong Body, Strong Mind

NMCC recognizes that physical well-being complements intellectual growth. Therefore, a comprehensive sports and fitness complex has been developed:

- **Outdoor Facilities:** A football ground, tennis and basketball courts, cricket nets, and a track for athletics.
- **Swimming Pool:** Olympic-standard, providing both recreation and training opportunities.
- **Indoor Facilities:** Badminton, table tennis, carrom, and chess.
- **Gymnasium:** Equipped with modern fitness equipment to promote physical fitness among students.
- **Annual Sports Week:** Organized under naval supervision, combining competition, camaraderie, and leadership development. "Healthy bodies, sharper minds."



Cultural & Co-Curricular Activities: Doctors who heal with skill and lead with heart.

NMCC goes beyond academics to develop well-rounded graduates through cultural and co-curricular programs:

- **Cultural Festivals:** Annual cultural evenings featuring music, dance, drama, and debates.
- **Clubs & Societies:** Debate Club, Literature Society, Science & Research Club, and Social Welfare Society.
- **Community Outreach:** Free medical camps, blood donation drives, and health awareness programs in collaboration with naval and civilian organizations.
- **Leadership & Discipline Training:** Activities designed to inculcate teamwork, decision-making, and service orientation in students.

Safety & Security: Where discipline protects dreams.

In keeping with naval traditions, NMCC places utmost emphasis on safety and discipline:

- Campus-wide CCTV coverage.
- Round-the-clock naval controlled security personnel.
- Strict adherence to codes of conduct and dress regulations.
- Emergency medical support within campus and hospital proximity.

This ensures that students can focus fully on academics and personal growth in a secure and supportive environment.

Extra Opportunities: Opportunities beyond boundaries.

NMCC students benefit from unique naval collaborations: leadership training programs, opportunities to participate in international exchange programs, and exposure to naval hospitals for clinical rotations. This makes NMCC graduates globally competitive and nationally invaluable.

Future Expansion Plans: A Landmark by the Bay of Bengal

As part of the future expansion plan, land has already been secured along the picturesque Marine Drive of Chattogram, overlooking the beautiful Bay of Bengal. This prime location will serve as the permanent campus of Navy Medical College, Chattogram. The master plan includes the development of a modern 500-bedded hospital, advanced academic buildings, and well-designed accommodations for students, faculty members, and staff. Both indoor and outdoor playgrounds will be established to support sports and recreational activities. In addition, adequate open spaces have been reserved for future expansion to meet the growing demands of the institution. Smooth road connectivity from both the Port area and Marine Drive will ensure convenient and efficient access to the campus, making it a landmark center for medical education and healthcare in the region.

“Tomorrow’s doctors will rise by the sea.”

The facilities at Navy Medical College, Chattogram are a blend of tradition and modernity. They reflect the Bangladesh Navy’s uncompromising commitment to discipline, safety, and excellence, while also embracing modern pedagogical innovations such as simulation-based training and digital learning.

The campus is more than a physical space — it is a community that nurtures future physicians academically, socially, and ethically. With world-class infrastructure, secure residential facilities, sports, cultural activities, and student welfare measures, NMCC ensures that its graduates will emerge as competent, confident, and compassionate doctors ready to serve humanity.

“Study with Excellence. Live with Discipline. Serve with Compassion.”



Insight into the Academic Hospital BNS Patenga



Every great medical college requires a strong teaching hospital to translate classroom knowledge into real-world clinical skills. For Navy Medical College, Chattogram (NMCC), this vital role is fulfilled by BNS Patenga, the designated academic hospital.

Located on 11.110 acres of land in close proximity to the college campus, BNS Patenga is a fully functional, multi-disciplinary naval hospital, staffed by highly skilled doctors, nurses, and paramedics. It serves as a center of medical care for naval personnel, their families, and the civilian population of Chattogram, while simultaneously acting as a rich training ground for NMCC students.

The hospital represents the Bangladesh Navy's commitment to both service and education – providing the community with advanced healthcare while equipping future doctors with the knowledge, skills, and values necessary for medical practice.

Hospital Infrastructure & Facilities

BNS Patenga has been developed to meet the dual demands of clinical service delivery and academic training.

■ **Capacity & Layout:**

- A multi-storied facility of 145000 Sq ft with inpatient and outpatient departments.
- Several hundred beds covering general wards, intensive care units (ICUs), high-dependency units (HDUs), and specialized cabins.
- Emergency and trauma care facilities.



■ **Ongoing Expansion of Hospital:**

Bangladesh Navy has already started construction of 15 storied 400 bedded new hospital on 21st June 2022 to meet rising healthcare needs:

- Upgradation to a 421689 Sq ft tertiary-level teaching hospital with super-specialties.
- Full digitization of hospital records and diagnostic facilities.
- Establishment of specialized institutes for cardiology, oncology, and trauma care.
- International collaborations with naval hospitals abroad for exchange programs.

■ **Outpatient Department (OPD):**

- Handles thousands of patients each month across various specialties.
- Organized chambers for Medicine, Surgery, Pediatrics, Obstetrics & Gynecology, Ophthalmology, ENT, Dermatology, and more.

■ **Inpatient Department (IPD):**

- Well-furnished general wards and cabins.
- Separate male, female, and pediatric wards.
- High standards of hygiene and infection control.

■ **Diagnostic & Imaging Facilities:**

- Radiology and Imaging (X-ray, CT, USG, MRI).
- Modern Pathology and Microbiology labs.
- Hematology, Biochemistry, and Immunology services.
- Echo, ETT, Colonoscopy Endoscopy etc

■ **Operation Theatres:**

- Multiple modern OT complexes, fully equipped for general and specialized surgeries.
- Facilities for laparoscopic and minimally invasive procedures.

■ Critical Care:

- o Intensive Care Unit (ICU) with ventilator support and HDU.
- o Neonatal Intensive Care Unit (NICU) and Pediatric ICU (PICU)
- o Coronary Care Unit (CCU).

■ Support Services:

- o Hemo Dialysis Facilities with Nephrology Department.
- o Blood Bank, Pharmacy, Physiotherapy & Rehabilitation Unit.
- o Emergency Ambulance Service.
- o Medical Records and IT support with partial digitization.

Departments & Specialties

BNS Patenga is organized into core and specialized departments to cover the breadth of MBBS clinical training:

1. **Department of Internal Medicine** – Comprehensive care for adult patients, including subspecialties like cardiology, nephrology, endocrinology, and respiratory medicine.
2. **Department of Surgery** – General surgery, orthopedic surgery, urology, and subspecialties.



3. **Department of Pediatrics** – Child health services, neonatal intensive care, immunization, and growth monitoring.
4. **Department of Obstetrics & Gynecology** – Antenatal care, safe delivery, gynecological surgeries, and family planning.
5. **Department of Ophthalmology** – Eye care, refraction clinics, and minor ophthalmic surgeries.
6. **Department of ENT (Otorhinolaryngology)** – ENT clinics and surgical procedures.
7. **Department of Dermatology & Venereology** – Management of skin diseases and sexually transmitted infections.
8. **Department of Psychiatry** – Mental health evaluation, counseling, and therapy.
9. **Department of Community Medicine** – Outreach and public health initiatives in partnership with NMCC.
10. **Diagnostic Services** – Radiology, pathology, microbiology, and laboratory medicine.
11. **Other Departments:** Orthopedics Department, Nephrology Department and Cardiology Department.



Role in Clinical Training of NMCC Students

The integration of BNS Patenga with NMCC ensures that students have direct exposure to real patients under the guidance of experienced clinicians.

- **Bedside Teaching:** Small-group clinical sessions conducted in wards, allowing students to practice history taking, physical examination, and case presentation.
- **Outpatient Training:** OPD rotations expose students to a wide range of common medical conditions encountered in the community.
- **Emergency Medicine:** Students observe and assist in trauma and emergency care, learning rapid decision-making skills.
- **Surgical Skills:** Under supervision, students attend operating theatres, observe procedures, and learn pre- and post-operative patient care.
- **Maternal & Child Health:** Students gain hands-on experience in deliveries, newborn care, and pediatric case management.
- **Integrated Learning:** Multidisciplinary case discussions linking pathology, radiology, and clinical medicine help students connect theory with practice.

Simulation–Hospital Linkage

What sets NMCC apart is its integration of simulation-based training with real hospital exposure. Students first practice skills in the Simulation Lab — such as resuscitation, venipuncture, and physical examinations — and then transition to clinical settings at BNS Patenga, ensuring both confidence and competence.

Community Service & Outreach

BNS Patenga, in collaboration with NMCC, conducts regular medical camps, vaccination drives, and awareness programs in surrounding communities. This not only fulfills the social responsibility of the institution but also allows students to develop empathy, communication skills, and exposure to preventive medicine.

Faculty Involvement

Most NMCC clinical faculty members also serve at BNS Patenga. This ensures continuity of teaching, with professors and consultants supervising students in both academic and hospital settings. Guest specialists from civilian hospitals are also invited for advanced clinical teaching.

Research & Case Studies

The hospital provides fertile ground for clinical research, case reporting, and academic publication. Students and faculty are encouraged to engage in evidence-based practice, contributing to the advancement of medical science.

Quality & Safety Standards

As a naval hospital, BNS Patenga maintains strict standards of safety, hygiene, and discipline. Regular monitoring, audits, and infection-control protocols are enforced. Patient confidentiality, professionalism, and ethical medical practice are emphasized as part of student training.

BNS Patenga is more than just a hospital — it is the living laboratory of Navy Medical College, Chattogram. By combining service delivery with academic training, it provides students with unparalleled opportunities to become competent, compassionate, and confident physicians.

With its modern infrastructure, skilled manpower, and naval discipline, BNS Patenga stands ready to shape the clinical future of NMCC students, ensuring they are well-prepared to serve both Bangladesh and the wider global community.



The Faculty and Staff: Excellence and Expertise

Introduction

The strength of any medical college lies not only in its infrastructure but also in the quality, commitment, and experience of its faculty. At Navy Medical College, Chattogram (NMCC), the teaching staff have been carefully selected through rigorous procedures by a high-level selection body. This ensures that students are guided by some of the best minds in the field of medical education in Bangladesh.

Faculty members at NMCC come from diverse professional backgrounds — senior professors, consultants from armed forces medical services, and highly qualified teachers from reputed universities and hospitals. Together, they form a team dedicated to producing physicians who are not only academically competent but also ethically sound and socially responsible.

Recruitment & Selection of Faculty

The selection of teaching staff at NMCC has been carried out with utmost care and transparency:

1. **High-Level Recruitment Committee:** Comprised of representatives from the Bangladesh Navy, Ministry of Health, DGME, BMDC, and academic experts.
2. **Strict Criteria:** Faculty are appointed based on academic qualifications, teaching experience, research contributions, and professional reputation.
3. **Diversity:** The teaching staff includes professors with decades of service, mid-career associate professors, and dynamic young lecturers — creating a balanced academic environment.
4. **Commitment to Full-Time Teaching:** Most faculty members are employed full-time, ensuring consistent mentoring and availability for students.

This recruitment process guarantees that NMCC has one of the most competent and experienced pools of medical educators among new medical colleges in Bangladesh.

Composition of Faculty

The teaching staff at NMCC is organized according to the BMDC-approved departmental structure of medical colleges.

- **Basic Science Departments:** Anatomy, Physiology, Biochemistry, Community Medicine, Forensic Medicine, Pathology, Microbiology, Pharmacology.
- **Clinical Departments:** Medicine, Surgery, Pediatrics, Obstetrics & Gynecology, Dermatology, Psychiatry, Ophthalmology, ENT, Orthopedics, Radiology & Imaging, Anesthesiology, Emergency Medicine.
- **Allied Departments:** Dentistry, Physical Medicine & Rehabilitation, Nutrition.

Each department is headed by a Professor or Senior Consultant, supported by Associate Professors, Assistant Professors, Lecturers, and Demonstrators. This hierarchical structure ensures academic leadership as well as active teaching participation at all levels.

Profiles of Faculty Members



While the specific list of names and qualifications will evolve as the college expands, the core characteristics of NMCC faculty are:

- **Academic Credentials:** MBBS, FCPS, MD, MS, PhD holders with specialization in their fields.
- **Armed Forces Expertise:** Many clinical teachers bring in-depth experience from military hospitals, peacekeeping missions, and international postings.
- **Research Contributions:** Faculty members have published research articles in national and international medical journals.
- **Teaching Experience:** Many have served as examiners in public universities and BMDC-approved institutions.
- **Dedication to Mentorship:** Beyond lectures, faculty actively mentor students in academics, research, and personal development.

Teaching Philosophy

The teaching staff at NMCC are united by a shared philosophy:

1. **Student-Centered Learning:** Classes are designed to encourage active participation, critical thinking, and problem-solving rather than rote memorization.
2. **Integration of Theory & Practice:** Students are taught to immediately apply classroom knowledge in laboratories, simulation labs, and clinical settings.
3. **Professional Ethics & Compassion:** Teachers emphasize medical ethics, empathy, and service orientation.



4. **Continuous Assessment:** Faculty ensure frequent evaluations, feedback, and personalized guidance for each student.
5. **Innovation in Teaching:** Use of audio-visual aids, virtual platforms, and simulation-based training.

Role of Faculty in Student Development

NMCC faculty members are more than instructors – they are mentors, role models, and guides. Their responsibilities extend beyond the lecture hall to include:

- **Mentorship Programs:** Each student is assigned to a faculty mentor for academic and personal guidance.
- **Research Supervision:** Faculty supervise undergraduate research projects, case reports, and community health studies.
- **Clinical Training:** Professors and consultants guide students in wards, outpatient departments, and operating theatres at BNS Patenga.
- **Extracurricular Support:** Teachers advise student clubs, societies, and co-curricular activities, helping build leadership and teamwork skills.

Visiting Professors & Guest Lecturers

To enrich academic exposure, NMCC invites visiting professors and guest specialists from reputed Armed Forces Specialists, civilian hospitals, universities, and international institutions. These experts conduct seminars, workshops, and specialized clinical training sessions, exposing students to cutting-edge developments in medicine.

Continuing Professional Development of Faculty

Recognizing that quality education depends on continuous faculty development, NMCC has adopted policies for:

- Faculty workshops and training in modern pedagogical methods.
- Participation in national and international medical conferences.
- Encouragement for research publication and advanced degrees.
- Exchange programs with other medical colleges under Armed Forces and BUP.

Quality Assurance in Teaching

NMCC follows a robust quality assurance system:

- Regular peer review of lectures and teaching methods.
- Student feedback mechanisms.
- Monitoring by the Governing Body, Academic Council, and BUP.
- Alignment with BMDC guidelines and curriculum standards.

Faculty–Student Relationship

The culture at NMCC emphasizes a close yet disciplined bond between faculty and students. Teachers are approachable mentors, guiding students academically, professionally, and ethically, while also maintaining the discipline and values expected under naval administration.

The faculty of Navy Medical College, Chattogram represents the heart and soul of the institution. They are more than educators – they are leaders shaping the next generation of doctors for Bangladesh and the world. Through their academic expertise, clinical experience, and personal commitment, they ensure that NMCC graduates emerge as competent, compassionate, and globally competitive physicians.



Academic Framework and Student Guidelines

Medium of Instruction

The medium of instruction at Navy Medical College, Chattogram (NMCC) is English. All lectures, examinations, laboratory sessions, and official communication are conducted in English, while Bengali may be used in patient interactions to ensure effective communication in clinical settings. Students are expected to acquire and maintain fluency in both languages for academic and professional purposes.

Relevance for NMCC Students

For Navy Medical College, Chattogram, this standardized curriculum and calendar ensure:

- Equivalence of degree with any other BMDC-approved medical college.
- Eligibility for government service, postgraduate training, and international licensing exams.
- A balanced education that combines science, clinical practice, community health, and ethics.

The medical education system of Bangladesh is structured, rigorous, and globally recognized. By following the BMDC-approved MBBS curriculum under the affiliation of Bangladesh University of Professionals, Navy Medical College, Chattogram ensures that its graduates receive the same recognition, opportunities, and career pathways as those from the most established medical institutions in the country.

Through academic rigor, clinical exposure at BNS Patenga, and simulation-based training, NMCC adds an extra dimension of excellence, discipline, and innovation — preparing its students not only for Bangladesh but for the global stage of medical practice.

Admission into MBBS Course in NMCC

Admission is on the basis of merit. Criteria prescribed by Ministry of Health & Family Welfare and BMDC are followed. Applications are invited by the Navy Medical College, Chattogram (NMCC). The admission test is organized and conducted by the AFMC.

Eligibility

As decided and directed by BMDC and AFMC can be eligible to apply.

Those who have passed 'O' and 'A' level or equivalent examinations in the specified years having equivalent marks are also eligible to apply with an equivalence certificate from concern Authority.

Application Procedure

Applications are to be submitted to a government medical college as per advertisement by AFMC.

Selection of Candidates

Separate list is published by AFMC with other Army Medical Colleges. List of finally eligible candidates is duly notified through websites or daily news papers.

Medical Examination

The selected candidates will be examined by a medical board for their physical fitness. The medical board will be formed by the Principal.

Postgraduate Opportunities

After completing MBBS, graduates of NMCC will be eligible for:

- FCPS examinations conducted by Bangladesh College of Physicians & Surgeons (BCPS).
- MD/MS programs at Bangladesh Medical University (BMU) and other universities.
- Diplomas' in clinical specialties.
- International postgraduate pathways (PLAB, USMLE, AMC, etc.).

Academic Rules & Discipline

Academic rules and discipline will be governed in accordance with the policies set by the DGME, BMDC, BUP, NMCC Standing Order Procedures, and the decisions of the relevant authorities, including the Board of Trustees, the Governing Body, and the Academic Council.

NMCC upholds the Bangladesh Navy's tradition of discipline and order, which extends to all aspects of academic life:

- **Attendance:** A minimum of 75% attendance is required in both lectures and practical classes to qualify for professional examinations.
- **Punctuality:** Students must attend classes, clinical rotations, and hospital duties on time. Late arrivals may be marked absent.
- **Assignments & Records:** Students must complete departmental logbooks, practical notebooks, and clinical records regularly, as part of internal assessment.
- **Examination Eligibility:** Internal assessments, class tests, and card examinations carry weightage toward eligibility for professional exams.
- **Code of Conduct:** Respect for teachers, staff, patients, and fellow students is mandatory. Any breach of discipline may result in disciplinary action by the college authority.

Dress Code & Professional Etiquette

To instill professionalism, NMCC enforces a strict dress code:

- **In Academic Premises & Hospital:**
 - o White apron/lab coat with name tag and college ID card.
 - o Modest, formal attire under the coat (shirts, trousers, salwar-kameez).
- **During Clinical Rotations:**
 - o Clean and ironed apron with stethoscope.
 - o Formal shoes (closed).
- **For Laboratory Work:**
 - o Safety precautions such as gloves, masks, and protective eyewear as required.
- **Prohibited Items:** Jeans, casual wear, flashy ornaments, or any dress deemed unprofessional.

Etiquette emphasizes respect for patients, confidentiality, and adherence to medical ethics in all clinical and academic interactions.

Research & Academic Development

NMCC encourages a research-oriented culture among students:

- **Undergraduate Research:** Students are guided to undertake small-scale research projects, case reports, and surveys.
- **Community Medicine Projects:** Fieldwork is conducted in rural and urban settings, focusing on preventive health, maternal-child care, and public health interventions.
- **Publication Opportunities:** Students are encouraged to contribute to college journals, national conferences, and international medical forums.
- **Faculty Mentorship:** Research activities are supervised by senior faculty, ensuring adherence to ethical and methodological standards.

This early exposure to research fosters analytical thinking, critical reasoning, and evidence-based practice.

Community Medicine & Outreach

NMCC places strong emphasis on Community Medicine, aligning with BMDC's focus on preventive health and public awareness.

- **Field Visits:** Students undertake structured visits to rural health centers, vaccination campaigns, and sanitation projects.
- **Medical Camps:** Organized by NMCC and BNS Patenga in underserved areas, offering free consultations, diagnostics, and medicines.
- **Health Awareness Programs:** Campaigns on nutrition, maternal health, hygiene, family planning, and common diseases.
- **Collaboration with Local Authorities:** Students work alongside civil health authorities and NGOs, gaining exposure to real-world healthcare delivery.

These initiatives instill in students a sense of responsibility to the community and reinforce the service-oriented ethos of the medical profession.

Student Assessment & Progression

Student evaluation at NMCC is continuous and multifaceted:

- **Formative Assessment:**
 - o Class tests, viva voce, lab practicals.
 - o Attendance and participation in classes and clinical duties.

- **Summative Assessment:**
 - o University professional examinations conducted by BUP.
- **Feedback Mechanisms:**
 - o Students receive periodic feedback from faculty on strengths and areas for improvement.
- **Promotion Policy:**
 - o Students must pass each phase's professional examination to progress to the next.

General Rules for Students

1. Students must carry their ID cards within the campus at all times.
2. Ragging or harassment in any form is strictly prohibited and punishable.
3. Alcohol or any intoxicants are strictly forbidden within the college and hostel premises.
4. Hostel regulations regarding visitors, and discipline must be followed diligently.
5. Students are not permitted to participate in political activities.
6. Use of college property (books, equipment, lab items) must be respectful; damage or loss may result in fines or disciplinary action.
7. Absence due to illness must be supported by a medical certificate.

Safety & Welfare Measures

NMCC ensures the safety and welfare of its students with the following provisions:

- 24/7 naval security inside campus and hostels.
- CCTV monitoring in academic and residential facilities.
- On-campus medical support and emergency services through BNS Patenga.
- Counseling services for academic, psychological, or personal issues.
- Student welfare committees with faculty advisors to address grievances.

Co-Curricular & Leadership Development

NMCC believes in producing well-rounded doctors, not just medical graduates. Students are encouraged to participate in:

- Clubs & Societies: Debate Club, Cultural Club, Sports Society, Science Club, Social Welfare Club.
- Competitions: Quiz contests, debates, cultural events, research poster presentations.
- Leadership Roles: Students will have the opportunity to take on leadership positions within different organizing committees, and medical outreach programs and as per requirement. These roles will include one College Prefect, two Games Prefects, two Cultural Prefects, two Dining Hall Prefects, and two Class Prefects from each batch. Selection for these positions will be made by the relevant authorities.
- International Observances: Participation in World Health Day, International Nurses Day, and other global medical events.

These activities help students cultivate leadership, teamwork, communication, and organizational skills.

Disciplinary System

A Disciplinary Committee, headed by the Principal and supported by faculty and naval representatives, ensures smooth functioning of college life:

- Violations of rules (academic, hostel, hospital) are investigated impartially.
- Penalties range from warnings to fines, suspension, or dismissal, depending on the severity.
- Appeals may be submitted to the Governing Body for review.

The aim of discipline is corrective, not punitive — to nurture maturity and responsibility in students.

Academic excellence is inseparable from discipline, ethics, and service. At NMCC, student life is governed by clear rules, a professional dress code, emphasis on research, and active involvement in community service. These principles ensure that graduates emerge as not only competent physicians but also responsible citizens and compassionate human beings.

By combining the discipline of the Bangladesh Navy with the rigor of BMDC's curriculum, NMCC provides an environment where future doctors are shaped in body, mind, and spirit.



NAVY MEDICAL COLLEGE
PATENGA, CHATTOGRAM