



B&C
MEDICAL COLLEGE
Teaching Hospital & Research Center



PROSPECTUS 2024



B&C

Medical College Teaching Hospital



Affiliated To Kathmandu University

MBBS COURSE



Message From The Chairman

Dear Students,

With great pride and honor, I would like to welcome you to B&C Medical College Teaching Hospital and Research Center, an institution which was founded with the vision to drive excellence in medical education and a commitment to nurture the future of medicine by providing comprehensive skills and education to healthcare leaders who embody the values of ethics, compassion, and innovation.

Our distinguished faculty, along with the latest state-of-the-art technology and holistic approach to world-class education, ensures that our students are well-prepared to meet the challenges of modern medicine. We foster a culture of continuous learning, cutting-edge research, comprehensive clinical training, innovation, and a deep sense of social responsibility, encouraging our students to pursue excellence in every aspect of their professional and personal lives.

As you embark on this noble journey to become a medical professional, we assure you of our unwavering support and dedication to your success. Together, we will strive for academic excellence and work towards making a meaningful impact on the health and well-being of our communities.

Welcome to the B&C Medical College Teaching Hospital and Research Center. We look forward to have you onboard with us in your academic journey to make a positive impact on healthcare and become a part of a legacy dedicated to improving the well-being of society through excellence in medical education and compassionate patient care.

Warm regards,

Dr. Ram Babu Giri
Chairman, B&C Medical College
Teaching Hospital and Research Center



Message From The Executive Director

Dear Students,

Welcome to B&C Medical College Teaching Hospital and Research Center! As Managing Director, I am honored and thrilled to share with you the exciting opportunities and strategic initiative facilities that define our institution.

At B&C Medical College Teaching Hospital and Research Center, we are committed to providing an exceptional educational experience through features like cutting-edge infrastructure, including advanced laboratories and modern classrooms, designed to support exceptional medical education and practical training. We are actively pursuing strategic initiatives focusing on expanding our programs, integrating new technologies, and fostering global collaborations with leading hospitals, research centers, and international institutions to enhance our educational offerings and research capabilities.

We are committed to making education accessible, ensuring that every student has rich and supportive learning resources they need to achieve their academic goals. Moreover, we emphasize the holistic development of our students by encouraging participation in extracurricular activities that foster professional development and personal growth beyond academics. Our college offers a range of activities and programs that support leadership, teamwork, and community engagement.

As you consider joining B&C Medical College Teaching Hospital and Research Centre, I assure you of our commitment to your transformative journey and welcome you to our vibrant academic community.

Warm regards,

Shri Durga Prasad Prasai
Executive Director
B&C Medical College Teaching
Hospital and Research Center



Message From The International Director

Dear Students,

I am pleased to introduce you to the global opportunities and international collaborations that enrich our academic environment at B&C Medical College Teaching Hospital and Research Center as the International Director, institution.

Our Medical College is proud to have established strong partnerships with leading and prestigious universities and hospitals around the globe. These collaborations not only enhance our curriculum and research opportunities but also provide invaluable opportunities for international students to expose themselves to diverse healthcare practices through exchange programs and internships with a global perspective.

We emphasize fostering a diverse and inclusive environment where students from around the world feel welcomed and supported to get prepared to meet the challenges of a rapidly evolving healthcare landscape. Our dedicated system includes assistance and cultural integration programs to ensure a smooth transition for international students with the rewarding skills and experiences necessary to thrive in an interconnected world.

We look forward to welcoming you to the B&C Medical College Teaching Hospital and Research Center and supporting you in your journey towards becoming a globally-minded healthcare professional.

Warm regards,

Sujit Kumar
International Director
B&C Medical College Teaching Hospital
and Research Center



Message From The Principal

Dear Aspiring Medical Students and Esteemed Parents,

Welcome to B&C Medical College Teaching Hospital and Research Center, a beacon of medical education and healthcare excellence in eastern Nepal. As the principal of this prestigious institution, I am delighted to present you with an overview of our academic program, designed meticulously to shape the future of healthcare professionals by enriching academic excellence and student experience.

Our rigorous curriculum and innovative teaching methodologies are designed to provide a comprehensive medical education and prepare students to excel in the dynamic field of healthcare. We emphasize a holistic approach, combining theoretical learning with competency based curriculum for practical hands-on experience to ensure a well-rounded education.

We take great pride in the achievements of our students and faculty, who excel not only in academics but also in research and extracurricular activities. Our faculty members are renowned and reputed for their expertise and dedication, guiding students to achieve their highest potential. Also, the faculty here is committed to supporting our students through personalized mentorship, counseling, and career guidance to help them reach their full potential.

I encourage you to embrace the opportunities available at the B&C Medical College Teaching Hospital and Research Center. Strive for excellence, engage in all aspects of education, research, and extracurricular activities, and make the most of the resources and support we offer. Your success is our success, and we are here to support you in every step of your academic journey.

We look forward to welcoming you to our academic community and supporting you as you embark on this transformative journey in medical education.

Sincerely

Prof. Dr. Umesh Kumar Sharma
Principal
B&C Medical College Teaching
Hospital and Research Center



About Us

B&C Medical College Teaching Hospital and Research Center is a premier educational institution affiliated to Kathmandu University with a world-class 300+ bedded multi specialty hospital established on March 2nd, 2015 (2071/11/18 B.S.), offering the entire spectrum of medical services by doctors who are considered the best in Nepal.

Honorable Shri Durga Prasai, a social worker and activist, founded the hospital with philanthropist Dr. Ram Babu Giri and Ms. Indira Giri to bridge the gap of unavailability of quality tertiary health care infrastructure and access of the same in Nepal's East to all irrespective of their socio-economic status. To achieve the same they dreamt of an institution that would impart excellence in international standard medical education, research, and patient care.

B&C Medical College Teaching Hospital and Research Center is dedicated to shaping the future of healthcare by catering to and nurturing the next generation of medical professionals from Nepal and abroad. It is situated in the serene and dynamic environment of eastern Nepal, focusing on a holistic education that combines rigorous academics, practical training, and a commitment to community service. Recognized by the Nepal Medical Council (NMC), Ministry of Education, Science & Technology, and Ministry of Health & Population, B&C Medical College Teaching Hospital has constantly maintained its academic standards as per the requirements of other medical councils and universities across the globe.

GOAL

To take world class tertiary healthcare to every household of Nepal, through quality medical education imparted by a robust medical institution that also bring in the students a sense of responsibility, participation, ownership and service towards the people and the community.

VISION

To set healthcare and health education standards to international standards that are cost-effective for national and international citizens and evolve as an institute that serves excellence in clinical care, quality, and commitment through compassionate, skilled, and innovative healthcare professionals who can meet global health challenges.

MISSION

Our Hospital's Mission is to CARE!

C: Compassionate Care

We are committed to providing patient-centered, compassionate care. Our goal is to treat every patient with dignity, respect, and empathy, ensuring that their physical, emotional, and psychological needs are met.

A: Academic Excellence

We strive for academic excellence by offering a rigorous and comprehensive medical education. Our curriculum is designed to foster critical thinking, innovation, and lifelong learning among our students, preparing them to be leaders in healthcare.

R: Research and Innovation

We are dedicated to advancing medical knowledge through cutting-edge research and innovation. By supporting pioneering research projects and encouraging a spirit of inquiry, we aim to contribute to the global body of medical science and improve patient outcomes.

E: Engagement and Empowerment

We believe in empowering our students, faculty, and the community through engagement and collaboration. We actively participate in community outreach programs, health education initiatives, and partnerships that enhance public health and promote wellness.

Academic Excellence

B&C Medical College Teaching Hospital offers a comprehensive innovative curriculum designed to prepare students for successful careers in medicine. Our programs include:

Undergraduate Programs:

Bachelor of Medicine and Bachelor of Surgery (MBBS)

B&C Medical College Teaching College offers a comprehensive Bachelor of Medicine and Bachelor of Surgery (MBBS) degree affiliated to Kathmandu University and is recognized by Nepal Medical Council (NMC). Our program is designed to produce highly skilled, ethical, and compassionate doctors who are prepared to meet the healthcare needs of a diverse population.



Program Structure:

The MBBS program spans five and a half years, which includes a one-year compulsory internship. The curriculum is meticulously crafted to integrate theoretical knowledge with practical skills, ensuring a well-rounded medical education.

CURRICULUM:

1. Basic Sciences (Years 1 and 2)

During the first two years, students focus on foundational medical sciences. The course work includes:

- **Anatomy**

The Department is dedicated to study about the structure of the human body (anatomy) through dissection and theoretical learning. The institution is equipped with modern facilities, Human Anatomy Models and technology for hands-on learning.



- **Physiology**

The Department offers a robust curriculum that encompasses both theoretical and practical aspects of the functions and mechanisms of the human body.

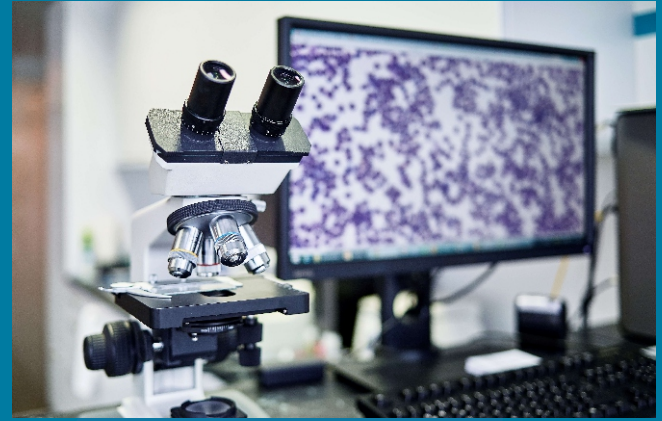
- **Biochemistry**

The Department is dedicated to providing a comprehensive understanding of the molecular mechanisms that underlie human health and disease; emphasizing the importance of biochemical processes in clinical practice.



- **Pathology**

The Department is dedicated to excellence in medical education, research, and diagnostic services. The curriculum provides comprehensive training in histopathology, cytopathology, hematology, clinical pathology, and molecular pathology.



- **Pharmacology**

The Department is a pivotal division within medical schools and research institutions that focuses on the study of drugs and their effects on living organisms. Pharmacology combines elements of biology, chemistry, physiology, and medicine to understand how drugs interact with biological systems and to develop new therapeutic agents.

- **Microbiology**

The Department is dedicated to the study of microorganisms and their impact on human health and disease. Our faculty members are committed to advancing knowledge in the field of microbiology through rigorous research, innovative teaching, and dedicated service.



- **Community Medicine**

The Department is a crucial division within medical institutions that focuses on the health and well-being of communities and populations. This field integrates public health practices with clinical medicine to prevent disease, prolong life, and promote health through organized efforts and informed choices of society, organizations, public and private sectors, communities, and individuals.



2. Clinical Sciences (Years 3 and 4)

The third and fourth years focus on clinical sciences, bridging the gap between basic sciences and clinical practice. The knowledge and skill sharing takes place mainly at the tutorial sections of each department at the hospital. Having an infrastructure to support 300+ Beds including all specialties B & C Medical College Teaching Hospital and Research is fully equipped to impart education in excellence with the right blend of practical on job education to its students. The key subjects include:

DEPARTMENT	SCOPE OF STUDY
Anesthesiology	Focused on the relief of pain in the perioperative period.
Dermatology	Diagnosis and treatment of skin disorders.
Emergency	Concerned with the care of illnesses or injuries requiring immediate medical attention
Medicine	Diagnosis and management of a wide range of Medical Condition
Obs and Gynecology	Healthcare related to childbirth and female reproductive systems.
Ophthalmology	Medical and surgical care of eye conditions.
Orthopedics	Diagnosis and treatment of musculoskeletal system disorders.
Otorhinolaryngology(ENT)	Care of ear, nose, and throat conditions.
Pediatrics	Medical care of infants, children and adolescents
Radio Diagnosis	Diagnosis and treatment of diseases using imaging technology
Surgery	Principles and practices of surgical treatment
Forensic Medicine	Applications of human genetics and pharmacology in legal discoveries/ issues.

3. Internship (Year 5):

The final year of the MBBS course is dedicated to a compulsory rotational internship. This one-year internship provides hands-on clinical experience across various medical specialties, including General Medicine, Surgery, Pediatrics, Obstetrics and Gynecology, Emergency Medicine, and Community Health. Under the supervision of experienced faculty, interns apply their theoretical knowledge in real-world settings, honing their diagnostic, therapeutic, and patient management skills. This crucial year ensures that graduates are well-prepared, confident, and competent to enter the medical profession.



Teaching Methodology

Our teaching methodology is designed to provide a holistic and comprehensive medical education, integrating theoretical knowledge with practical skills to prepare our students for successful careers in healthcare. We employ a variety of innovative and traditional teaching methods to ensure a well-rounded learning experience. Our teaching methodology integrates:

1. Lectures and Seminars

- **Interactive Lectures:** The faculty delivers engaging and informative lectures, focusing on medical concepts and current advancements in medical science.
- **Seminars:** Regular seminars and workshops led by experts provide deeper insights into specialized topics and foster critical thinking to enhance learning and professional development.



2. Practical Laboratory Training

- **Hands-on Experience:** Students gain practical skills through laboratory sessions in anatomy, physiology, biochemistry, pathology, microbiology, and more.
- **Modern Facilities:** Our labs are equipped with state-of-the-art equipment, enabling students to conduct experiments and learn through direct observation and practice.

3. Clinical Rotations

- **Real-World Exposure:** Clinical rotations in the hospital provide students with hands-on experience in various medical specialties, including internal medicine, surgery, pediatrics, obstetrics and gynecology, and emergency medicine.
- **Patient Interaction:** Under the guidance of experienced faculty, students interact with patients, enhancing their clinical skills and bedside manners.



4. Simulation-Based Training

- **Simulated Scenarios:** High-fidelity simulation labs enable students to practice clinical procedures and emergency responses in a controlled, risk-free environment.
- **Skill Development:** This training in skill laboratory enhances procedural skills, teamwork, and crisis management abilities.

5. Small Group Discussions

- **Peer Learning:** Small group discussions facilitate peer-to-peer learning, allowing students to exchange ideas, clarify doubts, and learn collaboratively.
- **Mentorship:** Faculty mentors guide these sessions, providing personalized attention and support.



6. Problem-Based Learning (PBL)

- **Case Studies:** PBL sessions involve the analysis of real-life clinical cases, encouraging students to apply their knowledge, collaborate with peers, and develop problem-solving skills through tutorial process.
- **Critical Thinking:** This method fosters critical thinking and decision-making abilities, essential for future medical practitioners.

Research Opportunities

- **Research Projects:** Students are encouraged to engage in research projects, fostering a spirit of inquiry and providing opportunities to engage in groundbreaking research projects contributing to the advancement of medical science.
- **Collaborations:** Opportunities for collaboration with faculty and external research institutions enhance the research experience.

Community-Based Learning

- **Outreach Programs:** Participation in community health camps and outreach programs provides students with real-world experience in public health and preventive medicine.
- **Health Education:** Students engage in health education initiatives, promoting wellness and disease prevention in the community.

Continuous Assessment and Feedback

- **Formative Assessments:** Regular tests, quizzes, and practical exams ensure continuous evaluation of student progress. Summative assessment is held at the end of term, with various aspect of clinical evaluation for the performance during clinical rotation, internship and research work.
- **Feedback Mechanism:** Constructive feedback from faculty helps students to identify their strengths and areas for improvement.

Professional Development

- **Workshops and Seminars:** Regular workshops and seminars on ethics, communication skills, and professional development prepare students for the diverse challenges of medical practice.
- **Career Guidance:** Our career counseling services support students in making informed decisions about their future career paths.

World-Class Facilities

The state-of-the-art infrastructure ensures that students a top-tier education, preparing them to become skilled, compassionate, and knowledgeable healthcare professionals.



Advanced Laboratories

The campus is equipped with state-of-the-art facilities to support learning, research, and clinical practice. It's advanced laboratories are equipped with the latest technology and equipment, enabling students to gain hands-on experience in various medical disciplines.

Experienced Faculty

The faculty members are the backbone of our institution, bringing a wealth of knowledge, experience, and dedication to medical education. Our campus comprises of a group of experts and doctors, researchers, and educators who are leaders in their respective fields. The faculty members are committed to mentoring students, providing personalized guidance, and fostering an environment of academic excellence and professional growth.



Examination Hall

Our examination hall is designed to facilitate a smooth and effective assessment process. With spacious halls equipped with modern amenities, our examination halls ensure a conducive environment for conducting exams.

Teaching Hospital

The tertiary 300+ beds hospital is the cornerstone of the clinical training program, provides students with invaluable real-world experience. The center currently has its own fully functional specialty and super specialty services, including state-of-the-art diagnostic and therapeutic facilities ensuring high-quality patient care and clinical training.



Library and Learning Resources

The B&C Medical College library occupying more than 5000 sq ft area is a treasure trove of knowledge with an extensive range of textbooks, reference materials, journals, and electronic resources, providing comprehensive coverage of all medical fields, which would be kept 24 x 7 open. With access to online databases, e-books, and medical journals, students can stay updated with the latest advancements in medical research and practice, and the hospital is also working to open an online portal bridge where the students will be able to receive guest lecturers from across the globe.



Simulation Center

The Simulation Center offers a cutting-edge learning environment where students can develop and hone their clinical skills. Equipped with high-fidelity manikins, virtual reality (VR) and augmented reality (AR) technology, and advanced audio-visual systems, the center provides realistic clinical scenarios for hands-on practice. Our experienced instructors guide students through scenario-based learning, fostering critical thinking and decision-making skills. This state-of-the-art facility ensures that students are well-prepared for real-world medical challenges in a safe and supportive setting.



OUR FUTURE PROJECTS

The hospital is in the process of receiving necessary affiliation for:

- Postgraduate Programs for Doctors
- BDS
- B. Sc Nursing
- BNS (Bachelor of Nursing Sciences)
- Paramedical Courses Like:
 - Diploma in Pharmacy,
 - Diploma in Medical Laboratory Technology,
 - Diploma in Radiography and Imaging Technology
 - Diploma in Physiotherapy
 - Diploma in Anesthesia Assistant



STUDENT LIFE AT B&C MEDICAL COLLEGE

B&C Medical College Teaching Hospital offers a vibrant and supportive student life, ensuring a well-rounded experience. From our engagement programs and comprehensive support services, we avail a home away from home environment fostering a sense of community and belonging.

Hostel (Boys & Girls) and Canteen

Our hostel offers a comfortable and supportive environment for students, with modern amenities and 24/7 security services. It provides recreational facilities like common rooms, TV lounges, and indoor game rooms, promoting a healthy work-life balance. High-speed internet access is available for students, and the hospital mess provides nutritious, hygienic meals catering to diverse dietary preferences.



Extracurricular Activities

B&C Medical College Teaching Hospital emphasizes holistic development and encourages students to participate in extracurricular activities. The campus has sports facilities, a gymnasium, and student-run clubs, promoting physical fitness and teamwork. Cultural festivals, talent shows, and competitions are organized, while volunteering and community outreach programs provide students with valuable life experiences and empathy.



Counseling and Support Services

Our institution is dedicated to fostering students' mental, emotional, and academic well-being through comprehensive counseling and support services. Academic advisors and faculty mentors offer guidance on course selection, study strategies, and career planning. Our career counseling and placement cell offers workshops, resume building sessions, and job placement assistance.



Student Community and Engagement

An inclusive and welcoming campus atmosphere where every student feels valued and supported; the senior students and peer mentors play a crucial role in helping newcomers adjust to college life and succeed academically and socially. Similarly, student councils and committees provide a platform for students to voice their opinions, participate in decision-making processes, and contribute to campus development.



SELECTION METHOD

The admission and selection process for the MBBS degree program at B&C Medical College Teaching Hospital affiliated with Kathmandu University and recognized by the Nepal Medical Council (NMC) fulfilling the follows these steps:

1. Eligibility Criteria

- Candidates must have completed their higher secondary education (10+2 or equivalent) with science subjects (Physics, Chemistry, Biology) from a recognized board or institution.
- They should have obtained a minimum 2.4GPA in aggregate and minimum C+ in Physics, Chemistry and Biology separately with minimum C in other subject's.

Or

- They must complete 10+2 years of education or Intermediate of Science (I.Sc.) or equivalent having 50% in aggregate (Grand Total) with Physics, Chemistry, Biology(PCB) as main subjects and he/she should have secured not less than 50% of marks in each subject (PCB).

Or

- Completed Bachelor of Science Degree, recognized by the University, with one of the following subjects viz. Physics, Chemistry, Biology and at least one other prescribed science subject of study up to the ancillary level and having scored not less than an overall aggregate of 50% marks, provided that such candidate shall have passed the earlier qualifying examination (10+2 or an equivalent examination) with the subjects of Biology, Physics and Chemistry.

2. Entrance Examination

- Candidate must pass the Common Entrance Exam conducted by Medical Education Commission. Dates of entrance form fill up timings and entrance date are as per the notice of Medical Education Commission(MEC). For foreign candidates, admission procedure is as per the notice of Kathmandu University.
- All candidates should secure at least 50th percentile or above in the entrance examination to qualify.

3. Application Process

- Candidates need to fill out and submit an application form available from B&C Medical College or Kathmandu University. The application typically includes personal details, educational background, and examination scores.
- Notice will be published for the candidates to set their priority of colleges. Then computer based matching will be done on the basis of merit and the candidates priority among the available seats.

4. Merit List and seat allocation

- Based on the performance in the entrance examination and eligibility criteria, a merit list is prepared. Candidates are selected according to their ranks in the merit list, with top-ranking candidates being offered admission.

- Those who appear in the entrance examination conducted by Medical Education Commission will be given the first priority.
- If the seat fall vacant, matching will be done among those who have passed the national level entrance examination of their respective countries who agreed the condition to be in second priority in the merit list and have secured at least 50% marks, or at least 50th percentile or above in national level medical entrance examination in their respective countries.
- The remaining seats after completion of the matching of foreign candidates will be transferred to Nepalese open (paying) seats. Foreign candidates who are selected for admission are required to produce original documents at the time of admission.
- Medical Education Common Entrance Examination Committee reserves all the rights - regarding entrance examination. Candidates who submit the fake information/documents will be liable for legal actions as per prevailing rule and regulations of Nepal.

5. Counseling and Seat Allotment

- Selected candidates are invited for counseling sessions where they can choose their preferred course (MBBS) and college (B&C Medical College) based on their rank and availability of seats.
- Seat allotment is finalized during counseling, and candidates are required to complete admission formalities, including fee payment and document verification.

6. Document Verification and Admission

- Candidates must provide original documents for verification during the admission process. This includes educational certificates, identity proof, and other relevant documents like:
 - Last six digits of transaction reference number (TRN) and applicants mobile number.
 - Recent Passport Size photograph
 - Passport or Aadhaar Card or National Identity Card
 - Transcript of 10+2 level or equivalent
 - Respective Council registration certificate of respective country
- Once all formalities are completed and fees are paid, candidates are officially enrolled in the MBBS program at B&C Medical College.

For International Students

International students should have an eligibility certificate from the concerned authority of their country, a valid student visa (if visa is required to stay in Nepal) and eligibility certificate issued by IoM or Ministry of Education of Nepal.

Students shall apply for MBBS and other courses through Medical college website admission page link or hospital directly through provided phone number and address.

7. Orientation and Commencement

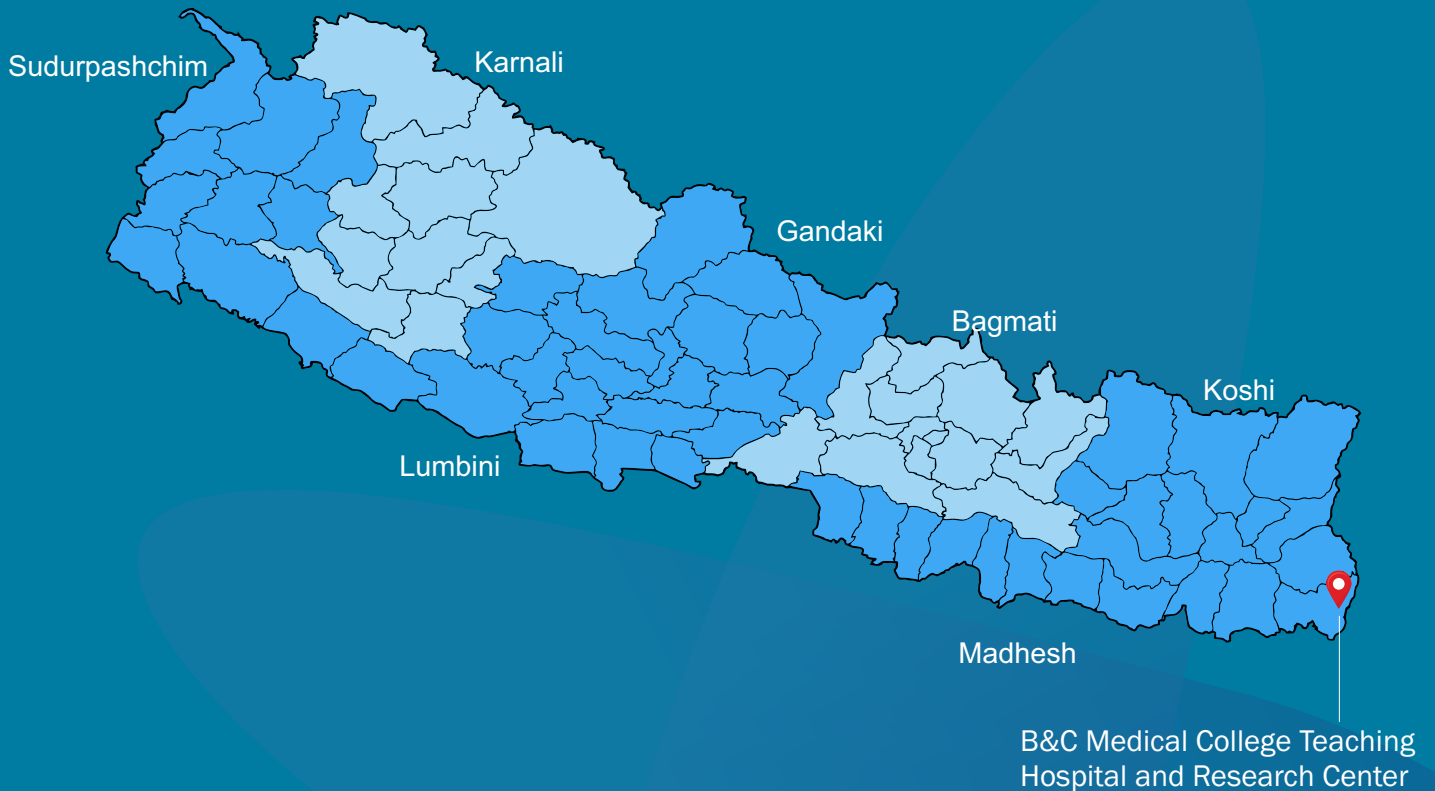
- After admission, students typically attend an orientation program conducted by the college to familiarize themselves with campus facilities, academic regulations, and support services.
- The MBBS program commences as per the academic calendar set by Kathmandu University.

WHY CHOOSE B&C MEDICAL COLLEGE FOR MBBS?



FOR INTERNATIONAL STUDENTS





Join Us in Transforming Healthcare

Embark on a rewarding journey in medical education with B&C Medical College Teaching Hospital and Research Center. Together, we can make a difference in the world of healthcare.



B&C
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Contact Us

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