



ADMISSION OPEN

BACHELOR IN COMPUTER ENGINEERING (B.E. Computer)

*"CREATING THE RESPONSIBLE ENGINEERS,
INSPIRING THE DIGITAL FUTURE"*



MEGA COLLEGE OF ENGINEERING
Kumaripati, Lalitpur
(Affiliated to Purbanchal University)



MORE INFORMATION

Mega College of Engineering
Kumaripati, Lalitpur
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Kumaripati, Lalitpur
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Bachelor in Computer Engineering

Creating the responsible engineers, inspiring the digital future

4 Years

Duration

8 Semesters

Structure

143 Credits

Total Hours

Full-Time

Mode

WHO WE ARE

MEGA College of Engineering is an academic institution located in Kumaripati, Lalitpur, Nepal. We offer the B.E. Computer Engineering program under the affiliation of the Faculty of Engineering, Purbanchal University. The college focuses on quality engineering education, technical skills, innovation, practical learning, and preparing students for careers in technology and engineering and to nurture skilled professionals who can contribute meaningfully to the rapidly evolving technology sector. With qualified faculty, modern facilities, and a curriculum designed for industry relevance, MEGA College of Engineering provides students the environment they need to grow academically, professionally, and personally.

MISSION

To provide quality engineering education with practical knowledge, innovation, discipline, and professional excellence.

VISION

To become a trusted institution for producing skilled computer engineers and technology professionals who drive innovation in Nepal and beyond.

OUR VALUES

- Quality Education
- Innovation
- Discipline
- Practical Learning
- Professional Growth
- Ethical Responsibility



COURSE OVERVIEW

Affiliated to Purbanchal University, our **Bachelor in Computer Engineering (B.E. Computer)** is a 4-year, 8-semester course spanning 143 credit hours. It blends computer science and electronics engineering, featuring rigorous theory and practical lab work to prepare students for real-world hardware and software system design.

Bachelor in Computer Engineering is a highly prestigious program run at Mega College of Engineering. The program aims to fulfill the requirements of the skilled human power in the field of information technology. The graduates of BE Computer will be the assets not only of the nation, but also the dynamic professionals of the global area.

SEMESTER-WISE STRUCTURE

SEM 1 Foundation Mathematics I, Physics, C Programming, Engineering Drawing, English, Fundamentals of Computing Technology, Workshop Technology	SEM 2 Core Basics Basic Electrical Engineering, Digital Logic, OOP with C++, Math II, Chemistry, Applied Mechanics	SEM 3 Intermediate Maths III, Data Structure and Algorithm, Object Oriented Analysis and Design, Computer Graphics, Electronic Devices and Circuits, Applied Sociology, Project I	SEM 4 Applied Database Management System, Python Programming, Discrete Structure, Microprocessor, Communication System, Probability and Statistics
SEM 5 Advanced Algorithm Analysis and Design, Computer Architecture and Design, Numerical Methods, Operating System, Engineering Economics, Research Methodology, Project II	SEM 6 Specialized Artificial Intelligence, Computer Network, Internet of Things (IoT), Software Engineering, Theory of Computation, Elective-I	SEM 7 Capstone Distributed & Cloud Computing, IT Project Management, Simulation and Modeling, Elective - II, III, Project - III (Part A)	SEM 8 Graduation Cyber Security, Engineering Professional Practice, Elective - IV, Project - III, (Part - B), Internship

ADMISSION ELIGIBILITY

- Students who have completed NEB 10+2 in Science or A level or equivalent with Physics, Chemistry, and Mathematics with minimum of “C” grade in each subject from any recognized academic institution.
- Minimum 45% marks or GPA 2.00 in aggregate.
- Candidates must also pass the entrance examination conducted by Purbanchal University, IOE, KU or Pokhara University
- Students who have completed 9-12 NEB Technical Stream with Computer Engineering also eligible.
- Students completing CTEVT 3 years Diploma in Engineering (with 100 marks Mathematics Paper) with at least 45% in aggregate also eligible.
- Note: Even if you are from a Biological group in +2, you may still apply if you have passed an additional Mathematics course with an aggregate of 50%

FEE STRUCTURE BACHELORS IN COMPUTER ENGINEERING 2083

Total Program Fees 2083 :	8,50,000 (for the whole 4 years course)
Semester Wise Fee:	106,250
Extra:	
University Service Fee:	10,000 (to be paid every even semester)
Internal Exam Fee:	1,500
Board Exam Fee:	1,500

SCHOLARSHIPS

The college provides Merit-Based Scholarships, Need Based Scholarships, Marginalized Community Scholarship, Entrance Topper Scholarships. We also provide Special Fees Waiver for 9-12 NEB Technical Stream in Computer Engineering. **Scholarship criteria and benefits may change as per college policy and Purbanchal University regulations.**

PROGRAM BENEFITS

Industry-Relevant Curriculum

Designed with input from tech professionals

Hands-On Lab Experience

Modern labs for hardware and software practice

Research & Innovation

Opportunities for projects and publications

Career Placement Support

Industry connections and job assistance

After completing Bachelor in Computer Engineering, graduates can pursue careers as:

Software Engineer, Hardware Engineer, Embedded System Engineer, Full Stack Developer, AI/ML Engineer, Cybersecurity Analyst, Network Engineer, Systems Engineer/Architect, Database Administrator, Cloud Engineer, DevOps Engineer, Data Analyst, IT Consultant, Research Associate, Entrepreneur & Startup Founder.

WHY CHOOSE MEGA

Qualified faculty, modern facilities, and a curriculum designed for industry relevance. MEGA College of Engineering provides students the environment they need to grow academically, professionally, and personally, preparing skilled professionals who contribute meaningfully to the rapidly evolving technology sector.

- Experienced Faculty Members
- Industry-Oriented Curriculum
- Modern Laboratories
- Project-Based Learning
- Internship & Placement Support
- Research & Innovation Opportunities
- Affordable Fee Structure
- Scholarships for Deserving Students
- Vibrant Student Life

OUR INFRASTRUCTURE AND FACILITIES

Our campus is equipped with modern facilities designed to support quality of teaching and learning, research, and vibrant student life. From well-equipped laboratories, air-conditioned and digital smart classrooms and a digital library to sports grounds and amenities, every space is built to help students grow academically, professionally, and personally.



LIBRARY AND DIGITAL LEARNING CENTER

The college has well-set library with reference books and relevant materials on various subjects with high speed internet access. We have provided extensive collection of engineering books, journals, and digital resources for our students and faculty.



MODERN COMPUTER LAB

We have set-up high performance computer lab with latest computers for our engineering students installing the latest licensed programming softwares required for practical lab session.



SMART AUDIO-VISUAL CLASSES

Adopting the latest teaching learning philosophy, we provide classes with regular audio-visual facilities with projectors using latest technology, which can be great help for both the teachers and students to understand the subject matters from the core.



EXTRA CURRICULAR ACTIVITIES

To facilitate students extra activities and give regular recreations, MEGA College of Engineering has set up Basketball court, Table Tennis Baord, Badminton & Futsal grounds separately.



ENGINEERING LABS

At Mega College of Engineering, we have set-up Workshop Technology Lab, Engineering Drawing Hall, Physics Lab, Chemistry Lab, Electrical and Digital Lab required for practical engineering sessions.

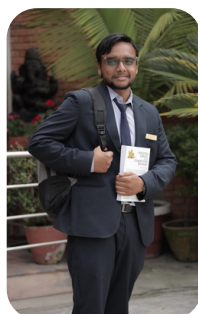


FACULTY STRENGTH

The competent, experienced and helpful teachers and lecturers only can provide the requirements of an ideal education in feasible way. The real pride of MEGA is the self-assertive and highly professional team of the lecturers and the founders of the college.

FIELD VISITS, RESEARCH & TRAINING

Mega College of Engineering organizes different educational field visits and research based trainings each semester and every students will have to submit their visit and research reports along with presentations individually.



"I have chosen Mega College of Engineering to pursue my Bachelor in Computer Engineering course as Mega is renowned for highly experienced and qualified faculty. Also, college has been providing us opportunity to learn outside the classroom with field visits and differnent extra curriculum activities."

Sandesh Gupta
BE Computer Engineering Student
2nd Semester, 1st Year

SEMINAR, WORKSHOP & CONFERENCE

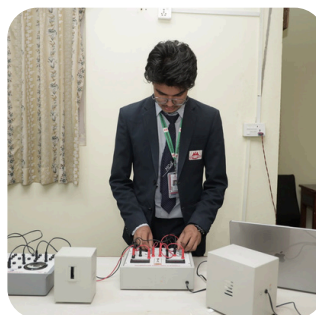
Mega College of Engineering organises National & International seminars, workshops and conferences regularly to provide learning platform to students for exposure outside the traditional classroom.



STUDENT CLUBS AND EXTRA CURRICULAR ACTIVITIES

At Mega College of Engineering, students are encouraged to be active through different Student Clubs. We believe that they are essential as they bridge the gap between theoretical knowledge and practical application fostering critical soft skills, provide hands-on project experience, and establish early industry connections. Some of our student clubs are:

- Mega Computing Club
- Mega IT Club
- Mega Coding Club
- Mega Robotics Club
- Mega Innovation Club
- Mega Entrepreneurship Club
- Mega Sports Club
- Mega Event Club



"Practical lab is very essential in engineering program which Mega College of Engineering has been focusing all the time. This is one of main reasons I have chosen to pursue my Bachelor in Computer Engineering course at Mega College of Engineering."

Ushal Maharjan
BE Computer Engineering Student
2nd Semester, 1st Year



MESSAGE FROM ACADEMIC COORDINATOR



It is our great pleasure to get affiliation from Purbanchal University to run 4 years Bachelor in Computer Engineering (B. E. Computer) program at Mega College of Engineering located at the vibrant place of Lalitpur at Kumaripati.

We warmly welcome all of the prospective students who would like to pursue their career in computer engineering. Technology is changing day by day and the fast moving world of information technology has brought many transformations in various sectors such as Banking, Education, Medical, Healthcare, Education, Research and Development and many more. Quality education, competency, creativity with moral excellence are at the heart of our college's mission with the vision of in establishing an ideal education center that offers a learning environment of global-standard. Global market for Computer Engineers and IT professionals are highly demanded.

At Mega College of Engineering, we are committed in shaping the digital future of our students by providing quality education in affordable fees linking them with real world industries and providing them practical opportunities through internship and work placements. We encourage our students to step out of the traditional classroom and think out of box enhancing their creativity through various student club projects. Through timely seminars, workshops and conferences, we help them to nurture and develop not only the technical skills but also their interpersonal skills such as leadership skills, team building, collaborative skills which are highly significant in the current competitive job market. We are dedicated in focusing on student centered learning approach supported by Experiential Active Learning model supported by highly qualified professional faculty members who possess national and international exposure in the relevant industries and research experience.

We wish all the best to all the new students who are planning to pursue their Bachelor of Computer Engineering at our college. I would like to invite all the prospective students and parents to visit us personally to know more about us.

Mr. Niken Man Pradhan
Academic Coordinator
MSc Information Systems Management,
University of Huddersfield, UK



MEGA College of Engineering
"Creating the responsible engineers, inspiring the digital future"

**MEGA
COLLEGE**
Kumaripati, Lalitpur

Shape the Next
Digital Generation

INQUIRY OPEN FOR

ADMISSION 2083

BE Computer

(Affiliated to Purbanchal University)

Experienced &
Qualified Faculty

Innovation &
Research Focus

Modern Computer
Labs

APPLY NOW

+2 | BBA | BBS | BBM | BALLB | BCA | BSc.CSIT | BE Computer | MBA | MBS

📍 Kumaripati, Lalitpur

☎ 9714509783

🌐 www.megacoe.com



DIRECTORS

From Down Left

Dr. Ghanashyam Prasad Shah
Accountancy

Lok Nath Chapagai, MA
Economics/Geography

Dr. Narayan Bahadur Magar
English

From Top Right :

Jeet Bir Bajracharya, M. Phil.
Finance

Baburaja Tandukar, MBA
Finance

Madan Babu Bhandari
MBA/MPA
Management

Pramesh Karki



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