Advantage Amrapali

At Amrapali budding engineers are taught core skills that are highly required across many different industries, and can be applied to many different professions. Because of this, employers are always interested in recruiting Amrapali engineering graduates. The skills gained while pursuing an engineering degree include:

Skills in Engineering Principles: One fundamental skill that engineering students acquire is the ability to understand and apply knowledge of engineering fundamentals. This is the core of learning process at Amrapali and is obviously a skill that is uniquely taught to all engineering students.

Engineering Problem Solving Skills: As mentors we understand that students must be able to identify problems and use logic and reasoning to identify solutions. At Amrapali students are therefore rigorously trained for to seek solution that are applicable. They are also taught how to use objectivity when approaching the implementation of these solutions.

Effective Communication: Students are taught how to present their ideas in a confident and professional manner. This skill applies not only to communications within the field of engineering; but much beyond.

Competence in Application and Practice: Students are trained for properly utilizing engineering techniques as well as relevant tools.

Interpersonal and Team Work Skills: The students are provided with ability to effectively function as an individual or within a group environment. Through practical coursework, they not only learn how to function within a team, but also learn how to lead a team.

Lifelong Learning: Engineering students are taught the importance of undertaking lifelong learning. They are taught about the importance of independently acquiring new knowledge and skills for their personal lives and careers.

Mechanical Engineering

The Department of Mechanical Engineering offers comprehensive fundamental education in Mechanical Engineering, with emphasis on Basic Sciences, Mathematics as well as Engineering Sciences and Engineering Design. The curriculum followed by us covers all disciplines of Mechanical Engineering, including Thermodynamics, Fluid Mechanics, Heat Transfer, Solid Mechanics, Materials, Manufacturing, Computer-Aided Design and Drafting, Dynamics, Control, Mechanical Systems and Mechanical Design.

Mechanical Engineering Labs

- Measurement, Metrology & Control
- Applied Thermodynamics
- Manufacturing Science, Control System
- Fluid Mechanics
- Machine Drawing
- Material Science
- Mechanical Engineering
- Workshop
  - Carpentry
  - Blacksmithy
  - Sheet Metal
  - Lathe
  - Milling
  - Fitting
  - Welding

Electronics and Communication Engineering

The Department of Electronics and Communication Engineering offers premium professional training leading to an undergraduate engineering degree, B. Tech. (ECE), while exposing students to modern developments in the fields of Electronics and Communication. Possessing excellent infrastructure that is teamed with very capable and motivated faculty members, the department offers an excellent opportunity for budding professionals to hone their skills, to enable them to outperform their competitors.

Electronics Engineering Labs

- Analog Circuits and Communication
- Basic Electronics
- Digital Electronics
- Digital Communication
- Digital Signal Processing
- Electronic Devices and Circuits
- Electronics-Advanced
- Microwave
- Optical Fibre Communication
- Printed Circuit Board
- Simulation

Computer Science and Engineering

The Department of Computer Science and Engineering has expertise in all the core areas of computer science through its faculty members who are renowned for their research activities and offers state-of-the-art facilities to students for carrying out projects in core areas of Computer Science and related areas like Computer Graphics, Computer Networks, Distributed Systems, Digital Hardware Design, Artificial Intelligence etc.

Computer Science & Engineering Labs

- Advanced Computer Architecture
- Compiler Design
- Computer Graphics
- Programming Lab
- Web Technology
- Distributed Systems
- Unix & Shell Programming
- Object Oriented Programming
- DBMS LAB
- Operating Systems Lab
- Artificial Intelligence and Computer Networks
- Java

Electrical & Electronics Engineering

Electrical and Electronics Engineering is interdisciplinary in nature; hence, the curriculum followed in the Department of Electrical and Electronics Engineering is an optimal amalgam of Power Engineering and Electronics that includes elements of Power Engineering, Electronics, Instrumentation and Software. It seeks to establish itself as a renowned academic centre in the discipline of electrical and electronics engineering and to be known as a research and development centre of repute.

Electrical Engineering Labs

- Automatic Control System
- Basic Electrical
- Control
- Electromechanical Energy Conversion - I & II
- Microprocessor
- Network
- Power Electronics
- Power Systems
- Project

Information Technology

The Department of Information Technology follows a curriculum that leads to a thorough understanding of software and computer programming. Our vision is to temper students' theoretical knowledge with practical knowledge, which is achieved through well-qualified and experienced faculty members who are specialists in Software Project Management, Software Engineering, ERP Systems, E-Governance, Database Management, Wireless Networks, Artificial Intelligence, Programming Languages and other related areas.

Information Technology Labs

- Computer Based Numerical Statistical Techniques
- Computer Graphics
- Design & Analysis of Algorithms
- Data Structure using C
- Introduction to Web Technology
- Unix & Shell Programming
- Object Oriented Programming with C++
- Database Management Systems
- Operating System
- Artificial Intelligence & Computer Networks
- Java
- Software Project Management
- Computer Organization
- Seminar and Project
- Internet

Training & Placement

Engineering graduates at Amrapali are rewarded with a degree that provides them with a combination of in-field experience and highly transferable 'soft skills'. Because of this, they are consistently recruited with the most reputed organizations. The Central Training and Placement Department (CTPD) focuses on providing students with routine training opportunities along with the same CTPD assist the departments for Industrial Visits, Field Project allotments, Expert Sessions and Pre- Placement Talks. CTPD also enrolls students for routine skill assessments by leading corporate along with the same students are trained for final interviews through Mock sessions.

Some Key Recruiters for year 2014-2015 are:

Courses Offered

B. Tech. in

- Mechanical Engineering
- Electronics & Communication Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Information Technology

Affiliation : Uttarakhand Technical University & approved by AICTE
Duration : 4 years
Eligibility#: 45% marks in 10+2 with Maths, Physics & Chemistry and AIEEE score
Tuition Fee: Rs. 32,000* per semester (Lateral Entry : Rs. 32,000* per semester)

Polytechnic Diploma in

- Mechanical Engineering
- Electrical Engineering

Affiliation : Uttarakhand Technical Board
Duration : 3 years
Eligibility#: 10th Pass
Tuition Fee: Rs. 17,500* per semester

Our Intellectual Capital

Prof. (Dr.) Ramapati Mishra, B.Tech, M. Tech, Ph.D., Director

ELECTRONICS & COMMUNICATION

Prof. (Dr.) Rampati Mishra, Director
Mr. Hem Chandra Joshi, Asstt. Prof.
Mr. Pramod Kumar Morya, Asstt. Prof.
Mr. Satyajit Das, Asstt. Prof.
Mr. Mudit Gupta, Asstt. Prof.
Mr. Upendra Kumar, Asstt. Prof.
Ms. Monika Nanda, Asstt. Prof.
Ms. Ruchi Belwal, Asstt. Prof.
Mr. Vinod Mishra, Asstt. Prof.
Mr. Rakesh Pandey, Asstt. Prof.
Mr. Sachin Verma, Lecturer
Mr. Mohd. Faisel, Lecturer

MECHANICAL ENGINEERING

Dr. Dinesh Kumar Rao, Associate Prof.
Mr. Mani Bhanot , Asstt. Prof.
Mr. Ashish Saxena, Asstt. Prof.
Mr. Sanjeev Kumar, Asstt. Prof.
Mr. Arun Kumar Singh, Asstt. Prof.
Mr. Deepankar Chandra Agri, Asstt. Prof.
Mr. Gaurav Kumar, Asstt. Prof.
Mr. Hitender Bankoti, Lecturer
Mr. Naval Kishore, Lecturer
Mr. Vivek Fulara, Lecturer
Ms. Divya Joshi, Lecturer
Mr. Himanshu Bisht , Lecturer
Mr. Ravindra Kumar Sahdev, Lecturer

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Dr. Rajendra Belwal, Professor
Mr. Debashish Ghosh, Associate Prof.
Mr. Praveen Saini, Associate Prof.
Mr. Pramod Kumar Joshi, Asstt. Prof.
Ms. Sadhana Rana, Asstt. Prof.
Mr. Mohit Giri Goswami, Asstt. Prof.
Mr. Harendra Pratap Singh,Asstt. Prof.
Mr. Deep Chandra Andola, Asstt. Prof.
Mr. Anurag Bhatt, Asstt. Prof.
Ms. Preeti Pandey, Asstt. Prof.
Mr. Dhayan Singh Rawat, Asstt. Prof.
Mr. Ram Prasad Chakraborty, Asstt. Prof.
Mr. Rahul Palaria, Asstt. Prof.
Ms. Pooja Khulbe, Asstt. Prof.
Ms. Garima Joshi, Lecturer
Ms. Anuja Sharma, Lecturer
Mrs. Nivedita Singh, Lecturer
Ms. Barkha Bisht, Lecturer
Ms. Upasana Arya, Lecturer

APPLIED SCIENCES

Prof. H.D. Bist, Professor
Prof. A.K. Mathur, Professor
Dr. D.C. Joshi, Professor
Dr. Jyoti Singh, Associate Prof.
Dr. Ajay Pali, Associate Prof.
Dr. Vandana Bisht, Associate Prof.
Dr. Govind Singh Rawat, Asstt. Prof.
Mr. Manoj Kumar Pandey, Asstt. Prof.
Dr. Meenakshi Sati, Asstt. Prof.
Ms. Andleeb Kamaal, Asstt. Prof.
Ms. Priya Pandey, Asstt. Prof.
Ms. Radhi Joshi, Asstt. Prof.
Mrs. Deepa Bisht, Lecturer
Mr. Harendra Singh Bohara, Lecturer

ELECTRICAL & ELECTRONICS

Mr. Satyajit Sen Purkayastha, Associate Prof.
Mr. Suresh Chandra Sharma, Asstt. Prof.
Mr. K.V. Prameeth, Asstt. Prof.
Mr. Tanuj Bisht, Asstt. Prof.
Mr. Ambedkar Rai, Asstt. Prof.
Ms. Kavita Goswami, Asstt. Prof.
Ms. Himani Joshi, Asstt. Prof.
Mr. Deepak Chandra Pant, Lecturer
Mr. Pankaj Bisht, Lecturer
Ms. Jyoti Joshi, Lecturer

Our Other Courses

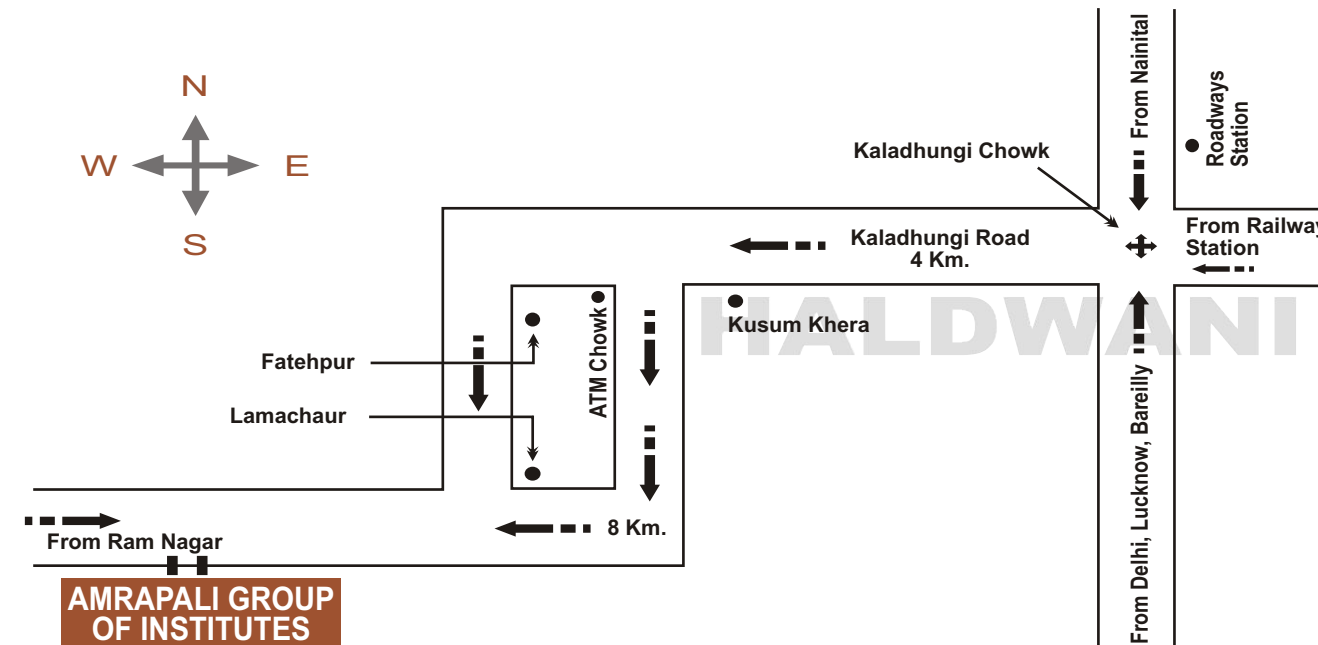## COMMERCE & BUSINESS MANAGEMENT

- MBA - Master of Business Administration
- BBA - Bachelor of Business Administration
- B.Com. (H) - Bachelor of Commerce (Honours)

COMPUTER SCIENCE & APPLICATIONS

- MCA - Master of Computer Applications
- MCA 2nd Year Direct - Master of Computer Applications Lateral Entry
- BCA - Bachelor of Computer Application

HOSPITALITY MANAGEMENT

- BHMCT - Bachelor of Hotel Management & Catering Technology
- BHM - Bachelor of Hotel Management
- DHMCT - Diploma in Hotel Management & Catering Technology
- DHM - Diploma in Hotel Management

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E-mail: admission@amrapali.ac.in Website: www.amrapali.ac.in

Faculty of Technology & Sciences

B. Tech in
▶ Mechanical Engineering
▶ Electronics & Communication Engineering
▶ Computer Science & Engineering
▶ Electrical & Electronics Engineering
▶ Information Technology

Diploma in
▶ Mechanical Engineering
▶ Electrical Engineering

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AN ISO Certified Educational Group

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