



Activity Based Learning

- Expert Lectures
- Technical Events
- Project Based Learning
- Hands on Sessions or Workshops
- International Education Programs
- Awareness Seminars on Recent Trends
- Assignments & Question Banks with Solution
- Improvising training through STTP for Faculties



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- 95% to 100% - Full Tuition Fee Waived
- 90% to 95% - 50% Tuition Fee Waived
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- 60% to 70% - 25% Tuition Fee Waived

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For more Information

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MAHAVIR SWAMI COLLEGE OF POLYTECHNIC



Managed By :



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FACULTY AT MS POLY

Mahavir Swami College of Polytechnic, Surat is leading education institute South Gujarat, Which is committed to provide quality education to students and contributing significantly to industries and society growth.

ELECTRICAL ENGINEERING

Electrical engineers work on a wide range of components, devices and systems, from tiny microchips to huge power station generators. Electrical engineering also includes electronics, which has itself branched into an even greater number of subcategories, such as radio frequency (RF) systems, telecommunications, remote sensing, signal processing, digital circuits, instrumentation, audio, video and optoelectronics.



MECHANICAL ENGINEERING

Mechanical engineering is a discipline of engineering that applies the principles of physics and materials science for analysis, design, manufacturing, and maintenance of mechanical systems. It is the branch of engineering that involves the production and usage of heat and mechanical power for the design, production, and operation of machines and tools. It is one of the oldest and broadest engineering disciplines.



CIVIL ENGINEERING

Civil Engineering is one of the broadest and oldest of the engineering disciplines, extending across many technical specialties. Civil Engineers plan, design, and supervise the construction of facilities essential to modern life like space satellites and launching facilities, offshore structures, bridges, buildings, tunnels, highways, transit systems, dams, airports, harbors, water supply system and wastewater treatment plants. Courses include a mix of traditional classroom learning, work in laboratories, and fieldwork. Programs may include cooperative programs, also known as co-ops, in which students gain work experience while pursuing a degree.



AUTOMOBILE ENGINEERING

Automobile or Automotive Engineering has gained recognition and importance ever since motor vehicles capable for transporting passengers has been in vogue. Now due to the rapid growth of auto component manufacturers and automobile industries, there is a great demand for Automobile Engineers. Automobile Engineering alias Automotive Engineering or Vehicle Engineering is one of the most challenging careers in the field of engineering with a wide scope. This branch deals with the designing, developing, manufacturing, testing and repairing and servicing automobiles such as cars, trucks, motorcycles, scooters etc& the related sub Engineering systems. For the perfect blend of manufacturing and designing automobiles, Automobile Engineering uses the features of different elements of Engineering such as mechanical, electrical, electronic, software and safety engineering.



COMPUTER ENGINEERING

A Computer Engineering curriculum should provide students with a foundation in basic science, mathematics, and the humanities. Written and oral communication skills should be emphasized and developed throughout the program. Also, team project work and an appreciation of the ethical and professional responsibilities of an engineer should be present in any computer engineering program.



Some of the more recent developments in computer engineering include digital and microcomputer applications, digital signal processing, image processing, telecommunications, computer architecture, electromagnetic compatibility and computer vision. These areas are emphasized along with digital system design, embedded systems design, operating systems, and other more conventional subjects in computer engineering. Extensive use of the computer as a tool for mathematical analysis, design, data analysis, and instrumentation is emphasized. The repetitive nature of the design cycle and the need for simultaneous documentation and development are emphasized through team project work.

