

Turbines

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SECAB.I.E.T, MECHANICAL ENGINEERING
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From HOD'S Desk

It is my pleasure to welcome you to the department of mechanical engineering at the SECAB institute of engineering and technology Vijaypur. Mechanical engineering has been thought of traditionally as a professional discipline and the mechanical engineers of today are multidisciplinary, with knowledge from other branches of engineering.

The academic programmes of the department reflect not only the core areas of mechanical engineer but also the research specialization of the faculty. All the faculties are working in close co-operation while retaining individual identities. We provide our students with a solid engineering education that focuses on creativity, innovation, strong ethical responsibility and place equal emphasis on developing strong leadership qualities in our students.

"Education is the most powerful weapon which you can use to change the world"

As far as the faculties of the department is concerned, I am very happy to inform you that, we have great team of well qualified, dedicated, devoted, young, energetic and dynamic faculty members who are very brilliant in handling the challenging subjects in a very easy and graspable way by applying a various new teaching methods and intelligible demonstrations during the course of work. Further, Faculty pay dedicated attention to vigorous research and students' projects engendering in them untiring efforts, indomitable will, immense patience and soft skills as desired by industry.



Ajay Kumar Singh.
3rd SEM

ENGINEER'S DAY

If one has to list some of the most influential engineers from the history of contemporary India Sir M Visvesvaraya would undoubtedly be on the top of the list. It is a popular misconception that Sir M Visvesvaraya was instrumental in developing only Karnataka. His Engineering Works and contribution towards nation building was spread across the nation throughout his career spanning over 30 years as engineer 20 years as administrator and 20 years as advisor and statesman.

Some of the remarkable achievements of Sir M Visvesvaraya

Hyderabad where he remodeled the entire city and improved its drainage system.

Bombay where he introduced block system of irrigation and water weir flood gates.

Bihar and Orissa where he was involved in building Railway bridges and water supply schemes.

Mysore where he supervised the construction of KRS Dam which was Asia's biggest dam when it was built.

By the end of first decade of 20th century with more than 25 years of Engineering experience sir MV was an accomplished Engineer with international reputé and had begin to receive offers from organisations around the world to work on bigger challenges. The Government of India has honored him with the greatest civilian award Bharat Ratna and his birthday has been celebrated as engineers day on 15TH September.



Pratiksha A Yadavkar
5th SEM

Womens Empowerment

Women's empowerment is the process in which women elaborate and recreate what it is that they can be, do, and accomplish in a circumstance that they previously were denied. Empowerment can be defined in many ways, however, when talking about women's empowerment, it means accepting and allowing women who are on the outside of the decision-making process into it. This puts a strong emphasis on participation in political structures and formal decision making and, in the economic sphere, on the ability to obtain an income that enables participation in economic decision making. Empowerment is the process that creates power in individuals over their own lives, society, and in their communities. People are empowered when they are able to access the opportunities available to them without limitations and restrictions such as in education, profession, and Lifestyle. Feeling entitled to make your own decisions creates a sense of empowerment. Empowerment includes the action of raising the status of women to education raising awareness, literacy, and training women's empowerment is all about equipping and allowing woman to make life determining decisions to the different problems in society.



Md. Shamsher Alam
7th SEM

ARTIFICIAL INTELLIGENCE-A THREAT TO HUMAN RACE

Automation has benefitted society since the dawn of Industrial age. Machines obviously make our life easier by doing the tasks efficiently in short time. But have we thought what would be its impact in future, next generation. The existing robotics and Artificial Intelligence (AI) Technologies are eliminating a growing number of middle-class jobs & thereby driving up income inequality. In a presentation on "Smart Robotics and their Impact on Society", at the American Association for the Advancement of Society (AAAS) annual meeting by Rice University Computer Scientist Mosche Vardi aroused a question, "Does the technology we are developing ultimately benefit mankind". This is indeed very important and critical question in present time when robots and new technologies are appealing everyone. He said "Human is about to face perhaps its greatest challenge ever because of Artificial Intelligence". Vardi maintained that "Machines could leave more than half of the population jobless in the next 30 years, therefore artificial intelligence threat to the economy should not be underestimated". Last year same warnings were issued by Stephen Hawking, Bill Gates and Elon Musk. Hawking warned that Artificial intelligence "could spell the end of human race" and Elon Musk said it portrays "our biggest existential threat". Therefore we need to rise to the occasion & meet this challenge before human labour become obsolete.



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