



DEPARTMENT OF MECHANICAL ENGINEERING
GOVERNMENT COLLEGE OF ENGINEERING,
BARGUR-635104



-MECHINFO 2018-2019

(e-Newsletter)

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COLLEGE PROLOGUE

The Government College of Engineering was started in 1994. It started functioning with two of the buildings in Government Polytechnic campus, Krishnagiri. The college is affiliated to Anna University. 50 acres (200,000 m²) of land in Madepalli village on NH46, 4 km west from Bargur was acquired for the college in 2004. A sum of Rs.7.85 crores has been spent on the construction of an Administrative Block, Electronics and Communication Engineering Block, Electrical and Electronic Engineering Block, Computer Science and Engineering Block, Mechanical Engineering Block, Library Block and Hostels for male and female students.

Government College of Engineering, Bargur has been granted autonomous status from the year 2017-18 to 2022-23 (six years).

Departments – MECH, EEE, ECE & CSE

VISION STATEMENT:

The mechanical engineering department strives to be recognized for education and research leading to qualified engineers, who are innovative, entrepreneurial and successful in advanced field.

MISSION OF THE DEPARTMENT:

“Prepare Engineering students for successful careers”

by

- Imparting quality education to the students and enhancing their skills to make them competitive mechanical engineers.
- Maintaining vital, state-of-the-art research facilities to provide its students and faculty with opportunity to create, interpret, apply and disseminate knowledge.
- To develop linkage with R&D organization and educational institutions for excellence in teaching, research and consultancy practices.



ADMIN BLOCK

Facilities:

- Wi-Fi enabled campus
- TEQIP-III workshop
- Digital library
- Smart classrooms
- NSS
- 24/7 surveillance camera
- Canteen
- Hostel
- Medical facilities
- Staff quarters
- ATM, etc...

MECHANICAL DEPARTMENT:

One of the oldest and broadest fields of engineering, mechanical engineering deals with the design, construction and the use of machines. Our department endows students with the basic understanding and knowledge of how heavy tools and machines works. We also help students to acquire knowledge about designing of automobiles, electric motors, aircraft and other heavy vehicles. This department was started at GCE, Bargur in the year 2009.

Mechanical engineers design power-producing machines, such as electric generators, internal combustion engines, and steam and gas turbines, as well as power-using machines, such as refrigeration and air-conditioning systems. Mechanical engineers design other machines inside buildings, such as elevators and escalators



DEPARTMENT OF MECHANICAL ENGINEERING

LABORATORIES:

- Fluid mechanics lab
- Strength of material lab
- Manufacturing lab
- Lathe machine workshop
- Special machine workshop
- CAM workshop
- Thermal engineering lab
- Heat and mass transfer lab
- Mechatronics lab
- CAD lab



CAD LAB

EVENTS:

INDUCTION PROGRAM:

Induction program was attended by the first year students for 21 day in the month of august. An induction programme is the process used within many businesses to welcome new employees to the company and prepare them for their new role. An Induction Programme can also include the safety training delivered to contractors before they are permitted to enter a site or begin their work.

SELP:

Student excellence & learning program (SELP) held under TEQIP-III at Government College of engineering, Bargur from 18/03/2019 to 30/03/2019 implementation of knowledge and practice of techniques taught in this program. This program build learning capacity, enhances creativity and communications that helps in developing their leadership skills.

DESIGN AND PRODUCT DEVELOPMENT:

This program was organized by our department for the development of students' contribution in design field. It was conducted from 08/04/2019 to 09/04/2019. The design and development process should examine all the potential risks and hurdles, you will need to overcome to get the product to market. It involves defining the specification and the design of your product or service through drawings models.

GD/T (GEOMETRICAL DIMENTIONS AND TOLERANCE):

A resource person from TVS Hosur came forward to share his knowledge about Geometrical Dimensions and Tolerance.

IPR:

Introduction to Intellectual Property Rights (IPR) held under TEQIP-III for two days students' workshop from 22/03/2019 to 23/03/2019 organized by department of mechanical engineering. The legal rights aimed at protecting the creations of the intellect such as inventions, the appearance of products, literary, artistic and scientific works and signs among other type of creation. Intellectual Property Rights. Literary, artistic and scientific works.

SYMPOSIUM:

The Mechanical Engineering Symposium provides an unparalleled opportunity to an individual to increase the depth of his knowledge related to Mechanical field.

The Department of Mechanical Engineering conducted a National Level Technical Symposium in OCT 2019.

We conducted a various technical event like paper presentation, hackathon, debate, quiz and dismantling and explaining about electrical vehicle.

We also organised various non-technical like RC car race, PUBG & FREEFIRE tournaments, auctions and cultural.



Mechanical Symposium 2018-2019



RC TRACK

TWINNING WORK SHOP:

TEQIP-III Sponsored three days' workshop on outcome based education and NBA Accreditation from 28th of June to 30th of June 2018 for twinning workshop organized by our college.

CREATING POSITIVE THOUGHTS:

TEQIP-III organized a one day workshop on the topic "**Creating positive thought**". Positive thinking, or an optimistic attitude, is the practice of focusing on the good in any given situation. It can have a big impact on your physical and mental health. That doesn't mean you ignore reality or make light of problems.

RAMSAT 2018:



RAMSAT 2018 National Conference on Recent Advance in Mechanical Science & Technology was held on 29th and 30th of NOV, 2018 organized by our college under TEQIP-III and NPIU. Our honourable Chief Guest K.Venkateswarlu from CSIR-National Aerospace Laboratories Bangalore took part in this program



Chief Guest speech



Group Photo

FACULTY DEVELOPMENT PROGRAMME:

Faculty Development Programme on “Creation of Interactive Video Lectures & Use of ICT in Teaching ” sponsored by TEQIP-III in our college held on 21st and 22nd of June in the year 2018.

REPUBLIC DAY:

Republic Day 2020. Republic Day has been celebrated every year in India on January 26, since 1950 to honour the date on which the Constitution of India came into effect. Our college has celebrated the 71st Republic Day on 26/01/2020 in which the students took part and made our nation proud .



SPORTS DAY:

Sports day was conducted by our college on FEB-2019 to improve sports mentality of students’ moods and concentration which boosts their self-confidence and reduce depression and anxiety.



NATIONAL SERVICES SCHEME:

NSS helps the student to grow individually and also as a group. It makes the students confident, develop our skills, and gain knowledge about different people from different walks of life. Students also learn other skills that help them lead a better life in various situations and problems in their future.



NSS program for plastic awareness

PIC ZONE:



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