



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



-MECHINFO 2020 – 2021
(e-Newsletter)

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COLLEGE INTRO:

Government College of Engineering, Bargur is one of the educational institutions developed by Government of Tamil Nadu, which was started in the year 1994 to cater to the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The Tamil Nadu Government has created adequate infrastructural facilities and sufficient funds and is keen on developing the institute for higher education. The college has been approved by the AICTE and the college intake is purely based on merit.

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

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 fields of engineering and research.

MISSION STATEMENT:

“Prepare Engineering Students for Successful Careers”

by

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



FACILITIES:

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

MECHANICAL DEPARTMENT:

Department of Mechanical Engineering was started in the year 2009. The department with its highly qualified faculty, cozy infrastructure and modernized high tech laboratory facilities strives to empower the students with the theoretical and as well as the practical knowledge in all the domains to face the competitive world with confidence, Courage and success. The department has established textbook facilities in the library and computing facilities in the CAD laboratory and provided with smart classrooms. Laboratories such as Engineering Practice Lab, Thermal Lab, Manufacturing Technology Lab, Fluid Mechanics and Machinery Lab were established to cater the needs of the aspiring students.



LABORATORY INTRODUCTION:

The practical classes provide opportunity for students to visualize essential components of these machines. Students understand the method of operating the machines safely. Also, this practical course aims to provide the students with practical knowledge in basic manufacturing processes that could be performed in standard machine tools such as shaping, milling and slotting, grinding and allied machines. The practical classes provide opportunity for students to learn the methods to machine the models to desired accuracy and quality.



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



EVENTS:

NATIONAL SERVICE SCHEME:



NSS helps the student to grow individually and as a group. It makes the students confident, develop leadership 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 face problems in their life.



STUDENTS ACHIEVEMENTS IN SPORTS:

Students secured "Third prize" in the Anna University Zonal Tournaments For the year 2020-2021.



AWARENESS PROGRAMME:

Demo and talk by fire personnel regarding accident-free Diwali and precautions for Northeast monsoon at Auditorium on 28-10-2021.



SVEEP:



Systematic Voters' Education and Electoral Participation program, better known as SVEEP, is the flagship program of the Election Commission of India for voter education, spreading voter awareness which had been conducted a competition for Voter Awareness and Promoting Voters Literacy on 18-12-2021.



REPUBLIC DAY:

Republic Day 2021. 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 72nd Republic Day on 26/01/2021 in which the students took part and made our nation proud.



PLANT VISIT:

GCE Bargur, organises a Filed visit and problem identification session at M/S Patel lifts loordhunagar, Madepalli, Bargur on 29-11-2021.



STUDENT AT SERVICE:

The KCP limited campus recruitment in Mechanical Engineering Department. Many students had been selected on 12-10-2021.



ART ZONE:



PIC ZONE:



STUDENT VIEW ABOUT OUR DEPARTMENT:

Our department has a broad and flexible program that allows us to customize our plans to meet objectives and particular career goals. Our department also organizes several training programs, workshops, and seminars to improve our knowledge and to face this competitive world with confidence.

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