



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



**-MECHINFO 2021-2022**

**(e-Newsletter)**

**IN THIS BROUCHER...**

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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 organisation and educational institution for excellence in teaching, research and consultancy practices.

**COLLEGE PROLOGUE:**

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 the 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 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:**

"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:**

"Prepare engineering students for successful careers"

by

1. Imparting quality education to the students and enhancing their skills to make them competitive mechanical engineers



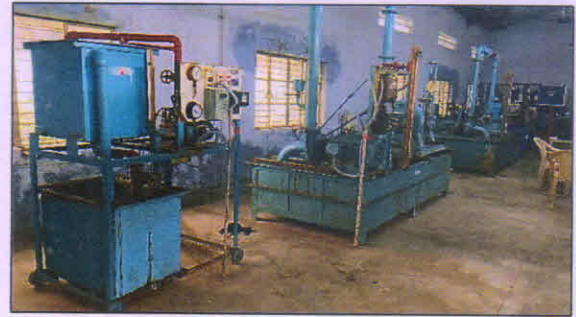
**FACILITIES:**

- Wi-Fi enabled campus
- Digital library
- Smart classrooms
- NSS
- 24/7 surveillance camera
- Canteen
- Hostel
- Medical facilities
- Staff quarters
- Bank & 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.



## 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:

### INDUCTION PROGRAM:

Induction program was attended by the first year students for 14 days at the month of August. This program was implemented so that the students can able to interact with another department student. It was an open platform for all the students to come up with their individual and group talents. Our principal requested and invited various resourcespersons all over the state to share the knowledge and their experience with us.



### GD/T (GEOMETRICAL DIMENSIONS AND TOLERANCE):

A resource person from TVS Hosur came forward to share his knowledge about Geometrical Dimensions and Tolerance for 2nd and 3<sup>rd</sup> year mechanical students. This was a two days program.

The students gain more informations with the help of real equipments and the session was very interactive.

### 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 2023.

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, auction and connections and cultural.



### TECHNICAL EVENTS:

- 3D scanning and composite printing workshop was conducted.
- Robotic welding workshop was conducted.
- Paper presentation was conducted, many students were participated from many other colleges and won the prizes.
- Technical quiz was conducted, many students were participated from our college and also other college.

### NON-TECHNICAL EVENTS:

- Fun games
- Chief guest speech
- Cultural events
- Photoshoot
- Prize distributions
- Bike stunt
- RC race



BIKE STUNT



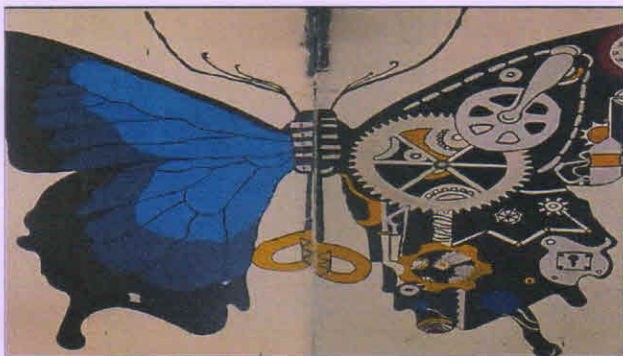
## REPUBLIC DAY:

Our college celebrated 72<sup>nd</sup> republic day. Our Honourable Principal Dr.R.VIJAYAN hoisted the national flag. All students participated in Republic Day parade.



REPUBLIC DAY PARADE

## ART ZONE:



ART BY,  
2<sup>nd</sup> Year Student

## NATIONAL SERVICES SCHEME:

NSS helps the student to grow individually and also 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.



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