



All India Council for  
Technical Education  
&  
Indian Society for  
Technical Education

Sponsored

**Induction / Refresher Programme**

on

**“Outcome Based Education”**

(Phase I, Online mode)



From 28<sup>th</sup> Dec 2020 to 02<sup>nd</sup> January 2021

Organized by

**Department of  
Mechanical Engineering**

**Government College of Engineering**

(An Autonomous Institution Affiliated to Anna  
University)

Bargur, Krishnagiri Dist- 635104,  
Tamil Nadu.

<http://www.gcebargur.ac.in>

### **COURSE OBJECTIVES**

- Overview of Outcome Based Education
- Learner characteristics towards Outcome Based Education
- Institutional Characteristics towards Outcome Based Education
- Curriculum Mapping and Design (Co, Po mapping)
- Evaluation & Performance appraisal in Outcome Based Education
- NBA accreditation process

### **ABOUT THE PROGRAMME**

Outcome-based education or outcomes-based education (OBE), also known as standards-based education, is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE; instead, classes, opportunities, and assessments should all help students achieve the specified outcomes. The role of the faculty adapts into instructor, trainer, facilitator, and/or mentor based on the outcomes targeted.

The National Board of Accreditation mandates establishing a culture of outcomes-based education in institutions that offer Engineering, Pharmacy, Management programs. Outcomes analysis and using the analytical reports to find gaps and carry out continuous improvement is essential cultural shift from how the above programs are run when OBE culture is not embraced.

Outcomes analysis requires huge amount of data to be churned and made available at anytime, anywhere. Such an access to scalable, accurate, automated and real-time data analysis is possible only if the institute adopts either excel sheet based measurement system or some kind of home-grown or commercial software system. It is observed that excel sheet based measurement and analysis system doesn't scale when the stakeholders want to analyze longitudinal data.

### **ORGANIZING COMMITTEE:**

**Chairperson:** Dr. Nishath Knavel, ME, PhD  
Principal i/c- GCE-Bargur.

**Convener:** Dr. P.Thirumal, ME, PhD  
Associate Professor & Head  
Dept. of Mech. Engg. GCE -Bargur.

**Programme Coordinator:**  
Dr.D.Thirumalaikumarasamy, ME, PhD  
Assistant Professor (Senior Grade)  
Dept. of Mech. Engg. GCE -Bargur.

### **RESOURCE PERSONS**

Eminent speakers from NITTR and other reputed universities along with the industries will conduct and deliver the lectures in different sessions of this programme.

### **Address your queries and clarification**

Dr.D.Thirumalaikumarasamy.  
Assistant Professor (Senior Grade)  
Dept. of Mech. Engg. GCE -Bargur.  
Contact No:9894319865, 8508593544  
[Email:aicteiste@gmail.com](mailto:aicteiste@gmail.com)

## **ABOUT THE INSTITUTION**

Government College of Engineering, Bargur (GCEB) 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. GCEB is permanently affiliated to Anna University, Chennai, received accreditation from National Board of Accreditation (NBA), New Delhi for all of its eligible UG programmes and also declared fit by University Grant Commission (UGC), New Delhi to receive central assistance (UGC grant), by awarding 2(f) and 12 (b) status.

## **ABOUT THE DEPARTMENT**

The Mechanical Engineering department was started in the year 2009. Though this department is the youngest department in this college, it is continuously striving to achieve excellence in education, academic and industry oriented research as well as consultancy work aiming service to the society. This department has excellent experimental and computational

facilities. The department has 5 faculty members with Ph.D qualification expertise on the major research areas include Surface engineering, Material processing, IC engine testing and design, alternative fuels, processing and characterization of materials. The department has 5 Ph.D scholars. The department has received research grants worth of one core from various funding agencies like DST, DRDO and SERB, New Delhi.

## **REGISTRATION DETAILS & ELIGIBILITY**

- No registration fees
- First preference to ISTE life membership member.
- Faculty members of AICTE Approved Engineering and Polytechnic colleges.

## **IMPORTANT DATES**

- Due date for online Registration: **26<sup>th</sup> Dec. 2020**
- Acceptance and intimation: **27<sup>th</sup> Dec. 2020**

## **IMPORTANT INSTRUCTIONS FOR THE PARTICIPANTS**

- Session timing has been categorized in two segments  
1<sup>st</sup> session: 10:00 AM -12:00 PM  
2<sup>nd</sup> session: 02:00 PM-03:00 PM
- The participants are instructed to register compulsorily with the mobile number (in the Google form during online registration) linked to

**'WhatsApp'** account for smooth communication.

- A test should be conducted at the end of the programme and the certificates will be issued only for those participants whose attendance is full and should qualify the test.
- E-certificates will be awarded to those participants who successfully will attend all the session of the Programme with **80% overall attendance.**
- Mail the **feedback form** through **aicteiste@gmail.com** mandatory to receiving certificate.
- The certificate will be issued on successful completion of evaluation (quiz) at the end of the programme with **60% scoring marks.**
- Participants should have good internet bandwidth for live streaming of programme
- The information about the online platform will be conveyed later to the registered candidates.
- There is only 'online' mode of registration via **'Google form'**. Other mode will not be accepted.

## **LINK FOR ONLINE REGISTRATION**

<https://forms.gle/3F7zRhYiKX9PfKx16>