



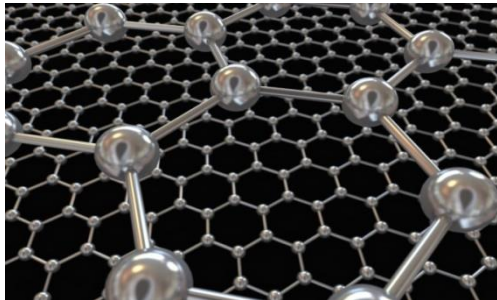
TEQIP-III
Sponsored
Faculty Development Programme
on



“Material Testing,
Characterization Techniques for
Research”

From 07th Dec to 13th Dec 2019

Venue: Seminar Hall,
Mechanical Engineering Department



Organized by
**Department of Mechanical
Engineering**
Government College of Engineering, Bargur
Krishnagiri Dist - 635104, Tamil Nadu
<http://www.gcebargur.ac.in>

and
Mentee Institution:
BBEC, Kokraihar - 783370, Assam

Course Content

The course includes lectures and hands on training on the following

Material Testing & Characterization Techniques

- Mechanical Testing
- Optical microscope
- X-Ray Diffraction
- Scanning electron microscopy
- X-ray spectroscopy for elemental analysis
- Raman spectroscopy
- IR spectroscopy
- Transmitted electron microscopy
- Thermal analysis
- Electrical measurements
- Scanning probe microscopy
- Welding Metallurgy
- Surface chemical analysis and other advanced techniques

Importance and Scope of Course

This Course is structured to develop/improve students skill in materials characterization techniques. The course is designed to give broad prospective of major characterization tools with hands on in conducting and analysis of data. The course is organized in a module format, with each module having lectures, tutorial and hand-on lab sessions. The lectures and hands-on sessions will be given by experts from IIT's and NIT's who are active in the materials characterization research area.

Organizing Committee

Patron:

Dr. T.Alwarsamy,
Principal

Convener:

Dr. P.Thirumal

Coordinator:

Mr. S.Tamil Prabakaran

Organizing Team:

Mr. M.Anbarasu

Mr. M.Anantha Babu

Resource Persons:

Dr. B.Ravisankar, MME, NIT Trichy

Dr. K.Siva Prasad, MME, NIT Trichy

Dr. S.Jerome, MME, NIT Trichy

Dr. V.Karthik, MME , NIT Trichy

Mr. Siva Subramaniam, CEO, MTS Lab, Chennai

Dr. Thundil Karuppa Raj VIT Vellore
and Faculty Members from IITs and NITs

Contact Persons

Mr. S.Tamil Prabakaran
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Mechanical Engineering
Govt. College of Engineering, Bargur.
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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 programmer 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.

GCEB is spread over a sprawling campus with calm surroundings, creating a fitting atmosphere for study. The institute has all required facilities like Modern/smart class rooms, students' hostels, faculty quarters, guest house, library, computer centre, medical centre, sports facilities. Bargur is well connected to all major cities like Chennai, Salem, Bangalore and other metro cities through air, road, and rail. The weather is generally cold in December-February reaching 15-25°C during night time

About The Department

The Mechanical Engineering department was started in the year 2009. Though this department is youngest departments 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 major research areas include IC engine testing and design, alternative fuels, processing and characterization of materials.

Eligibility / Target Audience

This 7 days course is targeted towards Faculty, Research Scholars and PG students who have interest in learning material characterization techniques. Faculty, Industry delegates, PG & PhD students from all relevant disciplines are eligible to apply. No registration fees for delegates from Mentee Institutions, however delegates from other Institutions will have to register with fees of 500/- only. Accommodation will be provided to external candidates based on availability in student hostels, where participant will have to pay for their stay. On request, Hotel accommodation can be arranged as per prevailing Hotel tariff in Krirshangiri which is 14 km from GCE Bargur.

Maximum no of participants: 30 seats

Important dates for

Due date for Registration : 30th Nov 2019

Acceptance and intimation : 01st Dec 2019

Course commencement : 07th Dec 2019

Registration:

- The applicant should Upload an advance scanned copy of the Duly filled application form in the prescribed format and scan copy of DD through link:



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or send through Email the same on or before 30th Nov 2019 to coordinator Email ID: tamilprabakarans@gmail.com (Original registration form must be submitted at the commencement of Course)

- The selection is on first come first serve basis depending upon the availability of the seats. The participants will be intimated by 01st Dec 2019
- Maximum no of participants: 30 seats

Registration fee details:

The registration fee of Rs.500/- per participant must be paid by DD in favour of "The Principal, GCE Bargur" at Bargur.

(No registration fees for delegates from GCE Bargur and BBEC ASSAM (Twinning institute))



Department of Mechanical Engineering
Government College of Engineering, Bargur
(An Autonomous Institution Affiliated to Anna University, Chennai)
Bargur, Krishnagiri - 635 104 Tamil Nadu, India



Short Term Course
on
“Material Testing and Characterization Techniques for
Research”

Date: 7nd to 13th Dec 2019

Venue: Seminar Hall, Department of Mechanical Engineering
Sponsored by TEQIP III

REGISTRATION FORM

- 1) Name (In Capital Letters) : Mr. /Ms./Dr./Prof. _____
- 2) Designation : _____
- 3) Organization/University : _____
- 4) Correspondence Address : _____
- 5) Mobile No. : _____
- 6) E-Mail : _____
- 7) Registration Category : Faculty/Industry delegate/Research scholar/UG/PG student
Others, Please specify _____

Date: _____ Place: _____

Signature of the candidate

DECLARATION

Mr./Ms. _____ is a bonafide Faculty / Employee / Research scholar / UGstudent/PG student of our College/Institute/University/organisation. He/She can attend the short term course for the entire duration of 07 to 13 Dec 2019.

Signature of the Head of Institution with Seal

For any further details kindly contact

The completed registration form must be Uploaded or sent by mail 01st Dec 2019..

Programme Coordinator

S.Tamil Prabakaran, Assistant Professor/ Mechanical Engineering.

7708668959 E-mail:tamilprabakarans@gmail.com