



**GOVERNMENT ENGINEERING COLLEGE
IDUKKI**

Painavu, Idukki, Kerala - 685603

www.gecidukki.ac.in

Approved by AICTE

(Affiliated to APJ Abdul Kalam Technological
University)

5 day Faculty Development Program(FDP)

On

**MODERN TRENDS IN ADVANCED
MANUFACTURING - A RESEARCH
PERSPECTIVE**

16th to 20th January 2023

Sponsored By,

Directorate of Technical Education



Organized By

DEPARTMENT OF MECHANICAL ENGINEERING

ABOUT GEC IDUKKI

Government Engineering College, Idukki (GECI), was established in the year 2000 under the Directorate of Technical Education, Government of Kerala. College is currently affiliated to APJ Abdul Kalam Technological University and is approved by the AICTE, New Delhi. College offers five UG programmes and four PG programmes in Engineering.

The scenic 25-acre campus is located at Kuyilimala, Painavu, headquarters of Idukki district. The campus is situated near state highway, SH-55 from Thodupuzha to Kattapana. The cool and picturesque environs of the Idukki wildlife sanctuary located in close proximity to the campus is ideal for stay and indulge. The Idukki Dam is just 7 km from the campus. The temperature are highest in May at around 25 degree celcius and December has lowest average temperature of around 20 degree celcius.

ABOUT MECHANICAL ENGINEERING DEPARTMENT

Department of Mechanical Engineering came into being in the year 2013 and the first batch of mechanical engineers passed out in 2017. Department is proud to produce competent mechanical engineers to serve the nation every year with technical expertise along with commitment. Department is able to provide high end teaching with well qualified faculties from Mechanical Engineering and Civil Engineering and experienced technical staff to handle laboratories and workshop with latest equipments like 3D printer, CNC, Total station etc. Also the department schedule and organizes workshop and training programmes to keep faculty as well as students are updated with the current industrial/academic scenario.

COURSE DESCRIPTION

Modern manufacturing processes are needed for the present era in the global competitiveness and considered major thrust areas for innovative research. Precise understanding of modern manufacturing process in actual practice is required for all engineering fields. In manufacturing sector "quality" of engineering components is of prime importance depending on the various parameters of involved processes.

The purpose of this faculty development program is to disseminate the scientific, theoretical and applied research in the field of advanced manufacturing.

COURSE CONTENT

- Advanced surface finishing technique.
- Lean Manufacturing.
- Role of NDT in advanced manufacturing.
- Latest developments in Welding.
- Advancements in Non Traditional Machining.
- Role of MQFD in manufacturing.
- Industry 4.0

IMPORTANT DATES

- Start date of registration : 28th December 2022
- Last date of registration : 13th January 2023
- Selection intimation : 14th January 2023
- Dates of FDP : 16th to 20th January 2023

WHO CAN APPLY

Faculty and Staff from Govt./ Govt. Aided / Self-Financing engineering college / polytechnics / other institutions and other Govt. Departments and organization can apply for the course. There are only limited seats and the allotments will be on first come first served basis.

REGISTRATION FEE

No registration fee required.

TA/DA, FOOD & ACCOMMODATION

Breakfast, lunch, tea and snacks will be provided for all participants during the days of the program. No TA/DA will be provided to the participants. Free accommodation will be provided to the participants.

APPLY THROUGH

Departmental candidates may apply through the DTE Portal : <http://admissions.dtekerala.gov.in/tpms>

Others : Please fill the Google Form before the last date: <https://forms.gle/s8r8ZEDXkZAYVZCPA>

NB : A scanned copy of registration form along with sponsorship certificate duly signed by the Head of Institution shall be sent to email ID.

email id: fdp-me@gecidukki.ac.in

CERTIFICATE

Certificate will be issued to the registered participants who attend all the sessions.

CONTACT DETAILS

Coordinator

Prof. Asish Shaji Varghese
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Co-Coordinator

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For more information, please visit <https://www.gecidukki.ac.in/>



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<https://goo.gl/maps/kBTMWSDTMLfA1jHq6>

GOVERNMENT ENGINEERING COLLEGE IDUKKI
Faculty Development Program on
MODERN TRENDS IN ADVANCED MANUFACTURING -
A RESEARCH PERSPECTIVE
16th- 20th January 2023
REGISTRATION FORM

Name :
Gender : Male / Female
Designation :
Address :

Mobile No :
Email :
Diet : Veg / Non-Veg

The information furnished above is true to my knowledge and belief. If selected I shall attend the course for the entire duration. I will also take the responsibility to inform the coordinator well in advance in case I am unable to attend the course.

Place :
Date : Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr. / Mrs. _____ is hereby sponsored to attend the FDP on "*Modern Trends in Advanced Manufacturing - A Research Perspective*" conducted at Govt. Engineering College Idukki. If selected he/she will be permitted to attend the programme for the entire duration.

Signature of sponsoring authority
Designation:
Date:

Office Seal