



GOVERNMENT ENGINEERING COLLEGE, SREEKRISHNAPURAM, PALAKKAD

Mannampatta PO, Palakkad, Kerala, India – 678633
Approved by AICTE (Affiliated to APJ Abdul Kalam
Technological University)

Faculty Development Program (FDP)

On

“Hands on Training on Design and Fabrication of Electric Two Wheelers”

29th Jan to 02nd Feb 2024

Sponsored by,

DIRECTORATE OF TECHNICAL EDUCATION



Organized by,

DEPARTMENT OF MECHANICAL ENGINEERING

ABOUT GOVERNMENT ENGINEERING COLLEGE, SREEKRISHNAPURAM

Government Engineering College Palakkad, Sreekrishnapuram is a premier educational institute established in 1999. It is situated in Palakkad district of Kerala. The college is fully owned by Govt.of Kerala and is under the Directorate of Technical Education, Kerala. GEC Sreekrishnapuram is approved by the AICTE and is affiliated to APJ Abdul kalam Technological University (from 2015 onwards). The college offers six B.Tech programmes and 3 M.Tech programmes. Four B Tech courses of the college were accredited by NBA.

ABOUT DEPARTMENT OF MECHANICAL ENGINEERING

The department has been offering B-Tech degree in Mechanical Engineering and M-Tech degree program in Robotics .The department has transformed into a major centre for breeding mechanical engineering graduates of high quality, by the learning environment facilitated by faculty of top-notch caliber, with the support of modern laboratories, qualified technical staff and excellent class room and general infrastructure. The department relentlessly pursue excellence in creating a world class system for teaching, learning and research by rigorous assessments, both internal and external, of our processes, and benchmarking with top tier institutes.

COURSE DESCRIPTION

The Faculty Development Program (FDP) on "Hands-on Training on Design and Fabrication of Electric Two Wheelers" is a comprehensive initiative aimed at enhancing the skills and knowledge of participants in the field of electric vehicle design and fabrication. This program delves into the intricacies of electric two-wheeler technology, covering key aspects such as conceptualization, design principles, and fabrication techniques. Through a practical, hands-on approach, participants will gain valuable experience in assembling and fabricating electric two-wheelers, incorporating insights into battery technology, motor systems, and overall vehicle dynamics. The FDP provides a platform for participants to engage with cutting-edge advancements in the electric mobility sector, a deeper understanding of sustainable transportation solutions. This immersive learning experience equips participants with the necessary expertise to contribute effectively to the rapidly evolving landscape of electric two-wheeler design and fabrication.

COURSE CONTENT

- Vehicle Dynamics and Ergonomics
- Design and Analyzing Software
- Electric Powertrain
- Battery Technology and Management

The FDP on electric vehicle fabrication focuses on imparting participants with practical skills and knowledge essential for the efficient assembly and construction of electric vehicles, covering key aspects of materials, manufacturing techniques, and integration of cutting-edge technologies.

IMPORTANT DATES

- Start date of registration : **05 Jan 2024**
- Last date of registration : **22 Jan 2024**
- Selection intimation : **23 Jan 2024**
- Dates of FDP : **29th Jan to 02nd Feb 2024**

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

Tea & snacks and lunch will be provided for all participants during the days of the program. No TA/DA will be provided to the participants. Accommodation will be provided to limited number of participants.

HOW TO REACH COLLEGE

Government Engineering College, Sreekrishnapuram is located in Palakkad district, Kerala, India. The college is well-connected by road and can be easily reached by bus or taxi. The nearest airport is Coimbatore International Airport which is around 80 km from the college. The nearest railway station is Ottappalam Junction which is 24 km away from college.

APPLY THROUGH

Applications are to be submitted online via the faculty login option on the website of the Director of Technical Education Kerala. <http://admissions.dtekerala.gov.in/tpms/>

Faculties from self-financing colleges can apply through the link: <http://admissions.dtekerala.gov.in/tpms/homeOA>

CERTIFICATE

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

COORDINATORS

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For more information, please visit:

<https://www.gecskp.ac.in>

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📍 Map: <https://goo.gl/maps/jCYxApcSe2yGxYiW8>

GOVERNMENT ENGINEERING COLLEGE SREEKRISHNAPURAM, PALAKKAD

Faculty Development Program on

“Hands on Training on Design and Fabrication of Electric Two Wheelers”

29th Jan - 02nd Feb 2024

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 "Hands on Training on Design and Fabrication of Electric Two Wheelers" conducted at Govt. Engineering College Sreekrishnapuram, Palakkad. If selected he/she will be permitted to attend the programme for the entire duration.

Signature of sponsoring authority

Designation:

Date:

Office Seal