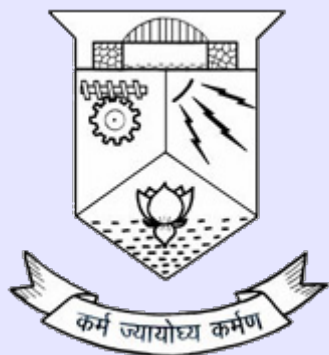


Faculty Development Programme
on
**Computer Graphics using
OpenGL**
(24th to 29th February 2020)

Sponsored by
**Director of Technical Education
Govt. of Kerala**

Organised by
**Dept. of Electronics and
Communication Engineering
College of Engineering Trivandrum
Thiruvananthapuram
Kerala - 695 016
www.cet.ac.in**



Co-ordinators
**Dr. Sreeni K. G.
Dr. Joseph Zacharias
Prof. Jeena R. S.**

Registration Form

Name :
Designation :
Official Address :
Mobile No. :
e-mail :
Qualifications :
Experience :
Food Preference : Veg / Non-Veg

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the co-ordinators sufficiently in advance, in case I am unable to attend the course.

Place:
Date: Signature of the applicant

Sponsorship Certificate

Certified that Mr./Ms./Dr.

is an employee of this institution and is hereby sponsored for the FDP on *Computer Graphics using OpenGL* at *College of Engineering Trivandrum* during 24th to 29th February 2020. If selected, he/she will be permitted to attend the course.

Place: Name & Signature of
Date: the Sponsoring Authority

(Seal of the Institution)

Address for Correspondence

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- **College of Engineering Trivandrum**
College of Engineering Trivandrum was established in 1939 as the first engineering college in the erstwhile Travancore state. Over the past 77 years it has grown to the most sought-after institute of engineering studies in Kerala. The College has eight full-fledged engineering departments offering undergraduate, post-graduate and Ph.D programmes under the APJ Abdul Kalam Technological University. Ever since the inception, the college has maintained its commitment to high quality education. It has a vast and strong alumni base, spread across the globe.
- **About the Department** Department of Electronics and Communication Engineering, College of Engineering Trivandrum began its operations in 1965. The department offers UG courses in Electronics & Communication Engineering, Applied Electronics & Instrumentation Engineering and PG courses in Microwave and TV Engineering, Applied Electronics & Instrumentation Engineering, Signal Processing and Micro & Nano Electronics. The department is recognised as a QIP centre for Ph.D pro-

gramme by the Ministry of Human Resources Development.

- **Objectives of the Programme** This FDP is aimed at giving an introduction to OpenGL, an API for computer graphics. The course make use of OpenGL (and C++) mainly as a tool/language to understand and implement graphics concepts. While no prior knowledge of OpenGL is assumed, some prior exposure to C/C++ may be useful. The course will cover the following topics with all sessions being hands-on.
- **Course Content**
 - Introduction to Computer graphics
 - OpenGL with Windows
 - Graphic Primitives
 - Linear Transfromation
 - Lighting and Shading
 - Physically based Models
 - Basic Animation Techniques
- **Resource Persons** The resource persons are faculty members from College of Engineering Trivandrum and other reputed academic institutes.
- **How to Apply** In order to apply for the FDP, a candidate from institutions under DTE has to create an account in the TMS portal of DTE (<http://admissions.dtekerala.gov.in/tpms/>) and then apply through the created account. Candidates from non-DTE institutions have

to visit the portal (<http://admissions.dtekerala.gov.in/tpms/>) and click on the **+Read More** button in the **Apply for a Course** tab and apply through the **Others** option. The application included herewith or in a similar format, duly recommended by the Head of the institution should reach the co-ordinator on or before **17th February 2020**. Advance copy of the application may be sent through e-mail. The selected candidates will be intimated through e-mail.

- **Eligibility**

Faculty members from AICTE approved Engineering Colleges and Polytechnic Colleges are eligible to apply.

- **Fee**

There is no fee for participants from Government/Aided/Govt. controlled institutions. Faculty from private self financing institutions need to pay a fee of Rs. 1000/.

- **TA/Accommodation**

Participants have to make their own arrangements for travel, boarding, and lodging. TA will be disbursed as per the existing Government norms.

- **Important Dates**

Last date of application	17-02-2020
Intimation of selection	18-02-2020
Confirmation of participation	19-02-2020