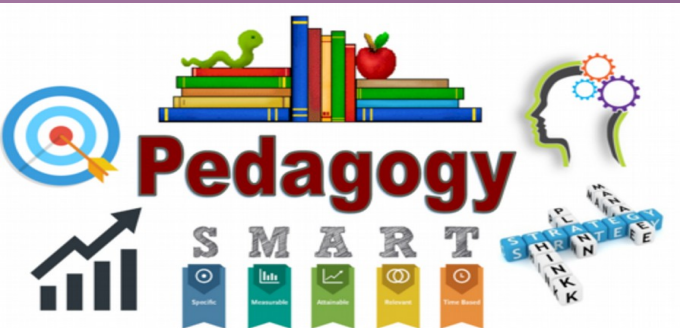


SIX DAYS

FACULTY DEVELOPMENT PROGRAMME

PEDAGOGY WORKSHOP ON EFFECTIVE TEACHING



Organized by

Department of
Computer Science and Engineering,
College of Engineering Trivandrum



Sponsored by

Directorate of Technical Education Kerala

March 1st - 6th, 2021

ABOUT THE COLLEGE

College of Engineering Trivandrum was established in 1939 as the first Engineering College in the then Travancore State. The College started as a constituent College of Travancore University with an initial intake of 21 students, each for Degree and Diploma courses in Civil, Mechanical and Electrical branches. With the establishment of the Directorate of Technical Education in the late fifties, the College administration came under the control of the Government of Kerala. Over the years, the intake of students increased and as of now with eight full-fledged departments offering eight undergraduate, 27 postgraduate and doctoral programmes under the APJ Abdul Kalam Technological University. The College has around 4500 students, 311 teaching staff, and 290 non-teaching staff. Ever since the inception, the College has maintained its eminence as a leading Engineering College in India. The College ranks among the top in the country in the quality of its graduates and the number of top jobs held by its graduates. With such eminence in the academic and curricular activities, the College is the most sought after Engineering College by Engineering aspirants in the state.

ABOUT THE DEPARTMENT

The first B.Tech course in Computer Science and Engineering in the state was started in this department in the year 1984. The department has the fortune of having the best students through the Common Engineering Entrance Examination conducted by the State. Their academic excellence is reflected in the best placement history of the department, as well as the significant number of

students gaining admissions for higher studies in institutions of national and international repute. The department has a long tradition of producing technically competent engineers since 1988, and it has renowned alumni occupying prominent positions in the industry, academia, and research all over the world.

Vision

To be a centre of excellence in education and research in the frontier areas of Computer Science and Engineering.

Mission

- To facilitate quality transformative education in Computer Science and Engineering.
- To promote quality research and innovation in technology for meeting global challenges.
- To transform students to competent professionals to cater to the needs of the society.

ABOUT THE PROGRAMME

Faculty training and pedagogy sessions provide a platform for improving teaching learning outcomes. Technology-based teaching and discussion forums are essential tools that can improve student-to-teacher interaction. This FDP consists of lecture sessions, case studies, panel discussions and group activities. It tries to bring faculty in various technical institutes in India under an umbrella to share the best practices in teaching and learning.

COURSE OBJECTIVES

The FDP focuses on

- ↳ enabling faculty to understand their strength and

weakness and to work more specific on skill sets needed to become effective facilitators for learning.

↳ helping the faculty to focus on increasing learning outcomes by making use of innovative practices and ICT tools.

↳ enabling faculty to become more effective in classroom teaching, curriculum framing, and practicing innovative assessment techniques.

↳ motivating faculty to understand the importance of coexistence of teaching as well as research for achieving academic excellence.

↳ improving social skills necessary for collaboration, professional growth, personnel management, and leadership.

↳ understanding the importance of getting outside institute exposure and transferring them to their students.

COURSE CONTENTS

- Teaching as a Profession: Challenges and Opportunities
- How can you be an inspiring teacher?
- Knowledge Generation, Dissemination and Practice – Roles of an Ideal Teacher
- Effective Teaching and Mentoring – A Pedagogical Approach
- Outcome Based Learning
- Problem Based Learning
- Role of Effective Communication in Teaching
- Paradigm shifts in Education – Developments and the way forward.
- Introduction to Education 4.0 – Pedagogy for the GenZ and GenAlpha
- Tools and Applications for the Education 4.0 Classrooms
- Hands-on Session on Pedagogy for Hybrid Mode

TARGET GROUP

Faculty Members from Engineering and Polytechnic Colleges (open to all branches).

RESOURCE PERSONS

- 1) Dr. John Jose, Assistant Professor, Dept. of CSE, IIT Guwahati.
- 2) Dr. Moumita Patra, Assistant Professor, Dept. of CSE, IIT Guwahati.
- 3) Dr. B. Spoorthi, Assistant Professor, Dept. of Humanities & Social Science, NIT Warangal.
- 4) Dr. Ruchika Gupta, Postdoctoral Fellow, Dept. of CSE, IIT Guwahati.

COORDINATOR

Dr. Sumesh Divakaran
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Mobile: +91-9497321481

IMPORTANT DATES

Last Date of Application : 24-02-2021
Date of Intimation about Selection : 25-02-2021
Dates of the FDP : 01-03-2021 to 06-03-2021

REGISTRATION LINK

<https://forms.gle/gVRb9wiekYp8eqV26>

INSTRUCTIONS

- No registration fees for faculty from Government and Aided Colleges.
- Registration fee of Rs. 500/- per person shall be charged from participants of Self Financing (Government Sponsored / Private) / outside Kerala institutions.
- Selection Criteria - A limited number of seats (100) are there, and will be decided based on first-come-first-serve basis.
- Selected candidates will be intimated through mail only.
- Details for making payments will be shared to selected participants of self-financing / outside Kerala institutions through email and they must have to email their bank transaction receipt details such as UTR number and bank name, to csefdp1@cet.ac.in prior to the programme.
- Certificates will be issued to the participants after successful completion of the programme.
- Google Classroom and Meet will be used as online platforms to conduct the training programme.

COMMUNICATION ADDRESS

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