Resource Persons

Mr. Kartic Vaidyanathan,
Founder of LetUsPlayToLearn,
Guest Faculty,
IIT Madras

Dr. K.N. Shoba,
Associate Professor of Education**,**
NITTTR, Chennai

Dr. S. Saravana Perumaal,
Associate Professor,
NITTTR, Chennai

&
Experts from TCE

Last date for Registration

November 20, 2024

Registration Fee

The registration fee includes resource materials and an E-Certificate for the participant.

Rs. 590/- (including GST)

Note: Registration fee for TCE Alumni is **Rs.531/-** (including GST)

Registration Procedure

1. Scan to Pay

- Enter institute name as "T C E" with space and select the last option "T C E SOUVENIOR"
- Enter the required details and title of the program as "**GLDS**"
- Pay Rs. **590**/- and download transaction receipt. Make a note of Transaction ID.

2. Scan to Register

About the Workshop

This two-day online workshop on 'Interactive and Gamified Learning: Pedagogical Approaches for Teachers in Arts, Science and Engineering' is designed to help educators and researchers enhance teaching and learning experiences through gamification. Participants will explore key concepts, tools, and platforms to implement gamified strategies in classrooms, aimed at improving student engagement and learning outcomes. The program will also delve into current research trends and methodologies in gamification. Through hands-on activities, participants will design gamified lessons and research proposals, while considering ethical values such as inclusivity and fairness in educational settings

At the end of this workshop, participants will be able to

- Understand key concepts and principles of gamification in education.
- Design and implement effective gamification strategies in their classrooms.
- Utilize various tools and platforms to gamify learning experiences.
- Frame research questions and apply appropriate methodologies for studying the impact of gamification.
- Consider ethical values when designing gamified learning environments.
- Develop research proposals focused on gamification in education.

Eligibility

Faculty members, UG and PG students, Research Scholars from Engineering Colleges, Arts & Science Colleges and Universities are eligible to apply. TCE Alumni will be given a discount of 10% on the registration fee.

Session Timing

Session 1 - 9:15 am to 11:15 am
Session 2 - 11:30 am to 1:30 pm
Session 3 - 2:15 pm to 4: 15 pm

Thiagarajar College of Engineering
67 YEARS
1957-2024
Celebrating Academic Excellence
where quality and ethics matter

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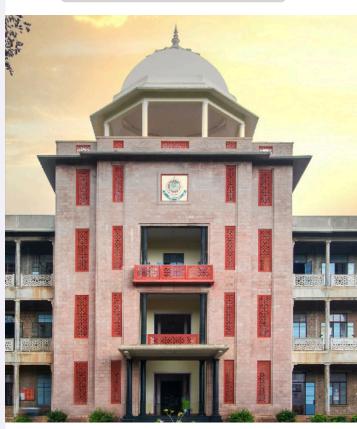
Two-Day Online Workshop on

Interactive and Gamified Learning: Pedagogical Approaches for Teachers in Arts, Science and Engineering

22-23, November 2024

Organized by

Department of Applied Mathematics and Computational Science

About the College

Thiagarajar College of Engineering (TCE), established in 1957 by philanthropist Karumuttu Thiagarajan Chettiar, is a Government Aided Autonomous Institution affiliated with Anna University, Chennai, and approved by AICTE. TCE offers 11 Undergraduate, 7 Postgraduate, and Ph.D. programs in Engineering, Architecture, and Science. Nestled in a serene, eco-friendly campus, TCE is renowned for its top-tier infrastructure and commitment to academic excellence.

TCE has embraced reforms in its teaching-learning process, including a Competency-Based Curriculum, Outcome- Based Education, and the CDIO framework since 2018, emphasizing hands-on training. The launch of MOOCs in 2021 and the Thiagarajar Research Fellowship (TRF) for Ph.D. scholars underscore TCE's focus on research innovation. Industry collaborations with global leaders, such as TVS Motors, have enhanced curriculum design and established cutting-edge labs like the TS Srinivasan Centre for Automotive Research.

TCE's participation in the Technical Education Quality Improvement Programme (TEQIP) under MHRD has driven faculty development, industry-supported research, and governance improvements, solidifying its reputation as a leader in technical education.

About the Department

- Offers 5 years Integrated M.Sc. (Data Science) Programme from the academic year 2019-2020
- Interdisciplinary programme covering Applied Mathematics and Computer Science.
- Qualified faculty members with industry experience
- State-of-the-art academic and research facilities
- Industry supported laboratories and courses
- MOU with IBM, Conversight.AI, JioVio Health care
- Student internships @ research labs of IISc, IIT, IIM, IIIT, CDAC, ISRO, Analytics firms and tech companies
- Academic collaboration and industry collaboration for teaching and internships
- Placement opportunities in Data Science across Manufacturing, Health care, Product and Service sectors

Vision
- Academic and research excellence in Computational Science.

Mission
As a Department, we are committed to
- Achieve academic excellence in Computational Science through innovative teaching and learning processes.
- Enable the students to be technically competent to solve the problems faced by the industry.
- Create a platform for pursuing inter-disciplinary research among the faculty and the students to create state of art research facilities.
- Promote quality and professional ethics among the students.
- Help the students to learn entrepreneurial skills.

Organizing Committee

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Mr. K. Hari Thiagarajan
Chairman & Correspondent

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Assistant Professor (SG), Dept. of AMCS

Ms. S. Srimathi
Assistant Professor, Dept. of AMCS

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