

Report On online guest lecture program

An online guest lecture program was conducted on December 7, 2021, from 10:30 AM to 11:30 AM via Google Meet. The guest lecturer, Dr. P. Padmanathan, Assistant Professor (Senior) from the Department of Thermal and Energy Engineering, School of Mechanical Engineering, Vellore Institute of Technology, Vellore, delivered a lecture titled "Introduction to Computational Fluid Dynamics and its Applications."

The purpose of the lecture was to provide final year and third year mechanical engineering students with insights into Computational Fluid Dynamics (CFD) and its wide-ranging applications. The event was organized under the banner of the IIPE student chapter.

Dr. Padmanathan, an expert in the field, shared valuable knowledge and expertise with the participants. He covered fundamental concepts of CFD, including its theoretical foundations, numerical methods, and practical applications in various industries. Additionally, Dr. Padmanathan discussed the importance of CFD in solving complex fluid flow problems and its role in optimizing engineering designs.

The online format via Google Meet facilitated seamless interaction between the guest lecturer and the audience. Participants had the opportunity to ask questions and engage in discussions, enhancing their understanding of the subject matter.

The guest lecture received positive feedback from the attendees, who appreciated the opportunity to learn from Dr. Padmanathan's expertise in Computational Fluid Dynamics. The event provided valuable insights into a key area of mechanical engineering and contributed to the academic enrichment of the students.



A. V. C. COLLEGE OF ENGINEERING

Mannampandal, Mayiladuthurai - 609305

Approved by AICTE, Affiliated to Anna University
Re-Accredited by NAAC with 'B++' Grade (2nd Cycle)
An ISO 9001:2015 Certified Institution



Department of Mechanical Engineering

Guest Lecture on

Introduction to Computational Fluid Dynamics and its Applications

Time : 10.00 am to 11.30 am



**Organized by IIPE
Student's Chapter**

Who can participate:
Faculty, IIPE Members,
Third and Final year
engineering students

Speaker:

Dr. P. Padmanathan, Ph.D.,

**Assistant Professor (Senior),
Department of Thermal & Energy Engineering,
School of Mechanical Engineering,
Vellore Institute of Technology, Vellore**



<http://meet.google.com/tcu-ftgr-hry>