

REVISITING CFD – OPEN FOAM, COMSOL, LBM AND MATLAB

Feb 21-25, 2022 (4.00 PM to 8.00 PM)

Jointly Organized by :

Department of Mechanical Engineering
Pandit Deendayal Energy University &
Gandhinagar, Gujarat - 382007

Department of Mechanical Engineering
GMR Institute of Technology
Rajam, Andhra Pradesh - 532127

RESOURCE PERSONS



Dr. Anirudh Kulkarni

Assistant Professor,
Dept. of Mechanical Engineering,
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Associate Professor,
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Dr. Ravi Kant

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Dr. Bappa Mondal

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ABOUT GMRIT AND MECHANICAL ENGG. DEPARTMENT:

GMR Institute of Technology (GMRIT) recognized as the cleanest campus (1st) of India by AICTE was established in the year 1997. The campus of the institute is spreading over a sprawling 117 acres of land. The GMRIT is a self-financing Autonomous Engineering College approved by AICTE and affiliated under Jawaharlal Nehru Technological University Kakinada (JNTUK). It has placed among the top 75 and aims to be counted among top 20 technical institutions by 2020-22. The institute is accredited by NAAC with 'A' grade with all has seven engineering branches accredited by NBA & ISO 9001:2008 affiliated institutions. The green campus with pleasant climate is a fully residential one with six hostels for boys, two hostels for girls, quarter for faculty and staffs.

The department of Mechanical Engineering was established in the year 1997. The department offers Master Programs (M.Tech in Thermal engineering). The department is recognized as Research Centre by JNTUK and has experts in the specific areas for research including Alternative Fuels, Nano materials and coatings, smart materials, metal matrix composites, non-traditional manufacturing, bio-degradable polymer, reliability engineering. The Department receives funding from agencies such as UGC, AICTE, DST, and public and private industries.

ABOUT PDEU AND MECHANICAL ENGG. DEPARTMENT:

Pandit Deendayal Energy University's 100 acre campus is located in Gandhinagar, which is the capital city of Gujarat and located 23 Km North from a well-developed city called Ahmedabad with a population of 8 million people. The city is famous for its remarkable cultural development and social life. PDEU offers multiple courses ranging from engineering, arts and management along with maximum exposure and opportunities to its students through various national and international exchange programs with Best Universities worldwide. For development of its faculties and staff the University endeavors for various Joint Exchange and Research programs.

The Mechanical Engineering Department at PDEU has established itself as one of the premier brands in the technical education in India and has been expanding very fast with increased diversity in the B. Tech, M. Tech, and Ph.D. programs with thrust in the industry and research cultures. In the department, a generic framework for education has been evolved that consists of curriculum, laboratory, and student societies to adapt engineering education to the industry. The present selection process of students into these programs ensures that the bright students are selected without any compromise, and subsequently they are put into a liberal and free academic environment that challenges intellectually to learn the most demanding concepts of the Mechanical Engineering. In order to nurture a sense of intellectual confidence, the Mechanical Engineering Department promotes a new brand of engineering culture. The sense of "can do it" confidence is instilled in the present Mechanical Engineering curriculum.

ABOUT FDP

The FDP would offer the platform for faculty members and research scholars to discuss the fundamental understanding of CFD and its practical applications for real fluid-thermal systems.

ORGANIZING COMMITTEE

Chief Patrons: Prof S S Manoharan, Director General, PDEU
Dr. Girish J, Director Education, GMR Varalakshmi Foundation

Patrons: Prof Sunil Khanna, Director, School of Technology, PDEU
Dr. C.L.V.R.S.V Prasad, Principal, GMRIT

Coordinators: Dr. Anirudh Kulkarni (Asst. Professor, Dept. of ME, PDEU)
Dr. Vijaybabu T R (Asso. Professor, Dept. of ME, GMRIT)
Dr. Ravi Kant (Asst. Professor, Dept. of ME, PDEU)
Dr. Bappa Mondal (Asst. Professor, Dept. of ME, GMRIT)

REGISTRATION

- Link for registration:
- Note: The seats are limited. To avoid last minute rush, the participants are requested to register at the earliest.
- FDP mode will be live on **Microsoft Teams**, link will be mailed or WhatsApp. Participants are requested to join the official WhatsApp group and will be shared in a registration Form.
- *No Registration Fee
- *E- Certificate will be issued to all successful Registered & Feedback submitted Participants.

CONTACT

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