Registration Form

A 4 DAY
HANDS-ON WORKSHOP ON CFD & MAT LAB

5th July to 8th July 2017

Name: ……………….......….........…

Email ID   : ....

Institution Address:

……………............…………………

Address for Communication:

……………………………………………….

……………………………………………….

Mobile No.: ....

Date:…… ……Place:…………………..

Signature of the Delegate:………………..

Certified that Dr./Prof./Mr/Ms.…………

……………………………………………….

is a bonafide P.G student/faculty member of our Institution. He / She is identified to attend the workshop

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Sri Ch. Bhoopal Reddy
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(Mob: +91-9491336703)
Mr. A.Saibhargav
(Mob: +91-9393423131)

ORGANIZING COMITTEE
J.V.S Vineeth
G.Rajesh
S.Siddhaiah

A 4 DAY
HANDS-ON WORKSHOP ON CFD & MAT LAB

5th July to 8th July 2017

Organized

By
Department of Mechanical Engineering
CMR Engineering College

Venue: Seminar Hall, Block-4, CMREC

CMR ENGINEERING COLLEGE
(Approved by AICTE, Affiliated to JNTUH & Accredited by NBA)
Kandlakoya (V), Medchal Dist. - 501401
Telangana State, INDIA
Telephone: 08418-200037
Cell: +919248727236
Email: principal.cmrec@gmail.com
www.cmrec.ac.in

About CMREC

CMR Engineering College is the brain child of the clairvoyant Ch. Narasimha Reddy. It is one of the best engineering colleges for aspiring engineering students. CMREC was established in 2010 with a single minded aim to provide a perfect platform to students in the field of engineering, Technology for their academic excellence and overall personality development.

The college is approved by the All India Council for Technical Education, New Delhi and is affiliated to JNT University, Hyderabad. CMREC is offering three under graduate courses in ECE, CSE and MECH and post graduate courses in ECE and CSE. All the three departments ECE, CSE and ME are accredited by NBA for three years since 2016.

Today CMREC has grown in leaps and bounds and it is no wonder that CMREC has become cynosure of the eyes of many, hankering for the distinguished center of technological learning. This is achieved by providing excellent academic environment and excellent infrastructure with the help of dedicated & highly qualified faculty members. State of art infrastructure, includes labs with high quality equipment, rich collection of Library Books.

About the Department

Established in the year 2010, Mechanical Engineering department has an intake of 240 in UG (Mech Engg) and 24 in PG (M.Tech in Thermal Engg). It has the Sophisticated and necessary infrastructural facilities required for imparting high quality education. The department is comprised of well qualified & experienced faculties, Further the support is extended by implementation of innovative teaching and learning methods. Events like Seminars, Workshops, and Faculty Development Programs are frequently conducted in the department to keep faculty and students updated with latest developments in various technologies.

Workshop Objective

- Equip the participants with fundamentals of Computational Fluid Dynamics and it's applications.
- Solve the fluid flow problems using ANSYS CFX.
- Enable the participants to solve Differential equations with MATLAB

Workshop Description

- This course will provide core knowledge on the fundamentals of CFD for engineers, and an introduction to the methods and analysis techniques used in CFD.
- It also provides an introduction to the use of commercial CFD codes to analyze internal and external flow heat transfer problems of practical engineering interest.
- MATLAB (Matrix Laboratory) Workshop is a intensive program, which empowers students with computational possibilities of MATLAB, using simple functions and implementation of Algorithms.

Workshop Outcome

On successful completion of the training program, participant will be able to:

- Have a working knowledge of variety of computational techniques that could be used for solving engineering problems and proficiency in engineering design.
- Develop an understanding of the major theories, approaches and methodologies (e.g. boundary conditions, turbulence modeling etc.) used in CFD.
- Solution for simultaneous linear and non linear equations, iterations, numerical methods using MATLAB.

Registration is Open to:

This program is open to Faculty members working in Engineering institutions/Professionals involved in training of engineers/Post-Graduate students and Research scholars aspiring for an academic career.

Registration Fee: Rs.1000/-
(Including lunch and high Tea)

Last date for Registration: 3rd July 2017

Resource Persons are from

CMR Group of Institutions

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