



Department of Mechanical Engineering

One Day Workshop
On
"Advanced Researches in
Computational Fluid Dynamics"
24th July 2018

REGISTRATION FORM

Name : _____

Designation: _____

University / College Name

Email : _____

Phone: _____

Payment Details

D.D. Number: _____

Bank: _____

Account Number:

Address for Correspondence

Dr.S.Baskara Sethupathy

Asso.Professor

Department of Mechanical Engineering

9445633381

drbaskarasethupathy@velammal.edu.in

CHIEF PATRON

Shri.M.V.Muthuramalingam
*Chairman,
Velammal Educational Trust*

PATRON

Shri.M.V.M.Velmurugan
*CEO
Velammal Educational Trust*

CO PATRON

Dr.M.Balasubramanian
Advisor, VEC

Dr.N.Duraipandian
Principal, VEC

CONVENER

Dr.S.Satish Kumar
*Professor & Head,
Department of Mechanical Engineering*

ORGANIZING SECRETARIES

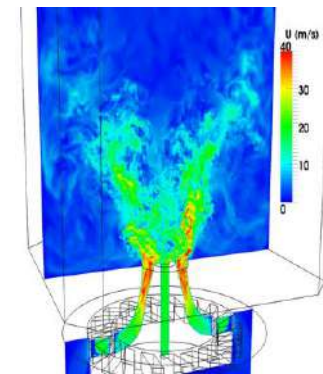
Dr.P.Jawahar
Professor / Mechanical Engineering
Dr.S.Baskara Sethupathy
Asso.Professor / Mechanical Engineering

Co-ordinators

Mr.M.Deepak Kumar, *Asst.Prof. / Mech*
Mr.D.DineshBabu, *Asst.Prof./Mech*

One Day Workshop on

**"Advanced Researches
in
Computational Fluid
Dynamics"
[ARCFD 2018]**



24th July 2018



**Department of Mechanical Engineering
Velammal Engineering College**

Ambattur – Red-hills Road,

Chennai - 600 066

Ph: (044) – 39666005

ABOUT THE INSTITUTE

Velammal Engineering College was established in the year 1995, it was the first private engineering College to obtain an ISO 9001:2000 certificate. It is accredited by NAAC. It offers 8 UG and 3 PG programmes and many of the departments are recognized as Research Centre by Anna University through which scholar can register for their Ph.D. The college has signed MoU with research organizations and Industries in order to promote innovative projects for sharing technical ideas among faculty and students. Due to the excellent academic climate in the campus, UG and PG students of our college enjoy good campus placement prospects in reputed MNCs.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 1999. It offers a U.G. Programme in B.E. Mechanical Engineering. The Department has 42 faculty members out of which 6 doctoral degree holders. The faculties are actively involved in executing R & D projects for many reputed Industries and also involve the students through their project works. The Department has state-of-the-art laboratories equipped with research facilities like diffusion bonding machine, microwave furnace, Planetary ball mill, Vickers micro hardness testing machines and fully furnished NDT lab. The Department is also a nodal centre for research under Anna University, Chennai.

Mission of the Department

- Imparting quality education to the students in core areas with moral values through our dedicated team.
- Promoting research and development by giving hands on experience of state of the art facilities.
- Providing platform for the students to explore their innovative and creative skills.
- Promoting activities to cultivate the spirit of entrepreneurship to the students.
- Empowering the students in organizing events to gain experience in team-work and leadership qualities.
- Preparing the students for their role as Engineers in society with an awareness of ethical, environmental, economic, safety and quality issues.

Vision of the Department

“Producing competent Mechanical Engineers by imparting quality education blended with human values, as potential contributors to the industrial development of the nation leading to the well-being of the future generation.”

ABOUT THE PROGRAMME

Computational Fluid Dynamics (CFD) has become the backbone in modern industries for energy efficient product design and development with growing demand in the industry for skilled engineers. Applications of CFD are found in various fields, like Aerospace, Energy engineering, Automotive, Mechanical, Civil, and Chemical engineering. CFD reduces the time and cost for design and analyses of engineering systems & has ability to simulate real conditions. The main objective of the workshop is to create awareness among the young talents and explore the challenging and growing field of CFD. An insight will be given on the fundamental principles of CFD and the wide range of its industrial applications.

At the end of workshop, the Participants can create a roadmap for themselves to become a CFD professional.

WHO CAN ATTEND

Faculty members, UG students, PG students and Research Scholars of Mechanical, Civil, Production and Aerospace Engineering from Engineering Colleges.



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On

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IMPORTANT DATES

Last date for Registration: 21.07.2018
Event on : 24.07.2018

REGISTRATION FEE: INR 400

DD should be drawn in favour of
“Velammal Engineering College - PRJ”
payable at Chennai.

COURSE CONTENT

- Fundamentals of Computational Fluid Dynamics (CFD)
- Usage of CFD in Vehicle Aerodynamics
- CFD in Thermal Management
- CFD in Climate change analysis

Live Practical Session supported by,

*EnSol Academy, Adyar,
Chennai-20.*