

EASWARI ENGINEERING COLLEGE

Department of Automobile Engineering

**TWO DAYS WORKSHOP ON
TURBULENCE MODELLING IN
COMPUTATIONAL FLUID DYNAMICS
USING RANS EQUATION**

29th JUNE and 30th JUNE 2017

REGISTRATION FORM

1. Name :
 2. Designation & Dept. :
 3. Educational Qualification:
 4. Organization Address :
 5. Mobile No. :
 6. E-mail ID :
 7. Details of Registration Fee
- Amount :
- DD Number :
- Name of the Bank :
- Date :

Signature of Participant

CHIEF PATRONS

Dr. T. R. Pachamuthu

Founder Chairman

SRM Group of Educational Institutions

Dr. R. Shivakumar

Chairman

SRM Group of Educational Institutions

(Ramapuram and Trichy Campus)

PATRON

Dr.T.Sridhar

Director General

CONVENER

Dr. V. Antony Aroul Raj

Professor & Head

Department of Automobile Engineering

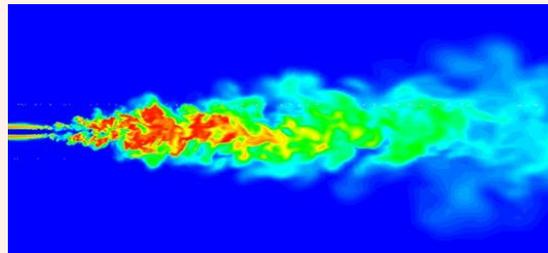
COORDINATOR

Mr. C. Hariharan

Assistant Professor

Department of Automobile Engineering

Mobile: 9600853668.



EASWARI ENGINEERING COLLEGE

(A Unit of SRM Group of Educational Institutions)

Bharathi Salai, Ramapuram, Chennai-600 089

Approved by Govt. of Tamil Nadu and AICTE

ISO Certified and Affiliated to Anna University, Chennai



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**"TURBULENCE MODELLING IN
COMPUTATIONAL FLUID DYNAMICS USING
RANS EQUATION"**

29th June and 30th June 2017

Convener

Dr. V. Antony Aroul Raj, Professor & Head

Coordinator

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**Department of Automobile Engineering
Easwari Engineering College
Ramapuram Chennai-600089
Website: www.srmeaswari.ac.in**

About the College

EASWARI ENGINEERING COLLEGE a division of SRM Group of Educational Institutions for higher learning is functioning under "Valliammai Society". The society was founded in the year 1981, for promoting the cause of Quality Education by Dr. T.R. Pachamuthu an academician and Educationist. EEC instituted in the academic year 1996-1997, with the Approval of AICTE, New Delhi. The Institution is affiliated to Anna University, since 2002.

College offers 8 Undergraduate and 11 Postgraduate Programmes covering Engineering and Technology, Computer Applications and Management.

The Institution has a strong Industry Interaction with reputed National and International Organizations. The college has obtained ISO 9001:2008 Certification from TUV South Asia. The college is accredited by NAAC.

About the Department

The Automobile Engineering department was started in the year 2014 with the vision to impart quality education, skills and attributes based on changing global standards and automobile industrial requirement and hence emerge as centre for advance studies and research.

To provide the students with in depth understanding of latest automobiles, automotive components laboratory consists of Conventional and modern auto components and vehicles. Sophisticated equipments such as Ashok Leyland Chassis and sub assembly components, Maruthi Omni chassis Cut-section, Power steering systems, working model of fuel injection systems (MPFi and CRDi) have been utilized for providing hands on training for the students through workshops.

The department functions with experienced and well qualified faculty members. In addition to this the department provides the students with value added courses, workshops, seminars, guest lectures and Industrial visits to ignite the young minds and to trigger the sparks of automotive engineer with in them.

TOPICS COVERED

- Basics of Laminar Flow Modelling
- Basics of Turbulent flow
- Turbulent flow Equation
- Zero and one Equation Model.
- Two Equation Model.
- Seven Equation Model.
- Algebraic stress Model

Who should attend the workshop?

- Students doing project in CFD
- Faculty members pursuing research in CFD
- Industrial participants working on the same field

OUTCOME OF THE WORKSHOP

- Ability to understand and differentiate various Turbulence Models.
- Ability to select correct model for CFD problems.
- Ability to post process the turbulent flow.

Resource persons

Eminent faculty member from IITM, Anna University, Easwari Engineering College and expert from industries.

REGISTRATION DETAILS

The course fee is Rs 500/- for all the participants. DD to be drawn in favor of SAE collegiate club of Easwari Engineering College.

Registration form has to be sent by email(Scanned copy)/Post

Last Date for Registration 24th JUNE 2017

SELECTION CRITERIA

The total number of participants is restricted to 50 only. Participants will be selected on first come first serve basis. Selected participants will be intimated through email.

ADDRESS FOR CORRESPONDENCE

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Department of Automobile Engineering,
Easwari Engineering College,
Bharathi Salai, Ramapuram,
Chennai – 600 089.

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