

ABOUT NEHRU INSTITUTE OF TECHNOLOGY

Nehru College of Educational and Charitable Trust, established at an auspicious moment in the year 1968, with the primary objective of rendering selfless and dedicated service to the cause of higher education originally in the field of Aeronautical Engineering and subsequently in the rest of Engineering Branches, Architecture, Management, Arts, Science, and Paramedical Sciences. Its educational service to the poor, underprivileged and downtrodden in the society is freely accessed and widely appreciated by the people, especially from Tamil Nadu and Kerala. Over the period of nearly four decades, it has established and patronized a number of prestigious Educational Institutions, all of which have grown to the stature of being accredited with ISO 14001:2014 certification by the International Certification Services. Nehru Institute of Technology is located at Kaliapuram in the midst of Western Ghats, in an environmentally unpolluted locality at the outskirts of Coimbatore. The College has completed 8 years of its service with Excellent State of the Art Facilities and committed Faculty Members.

ABOUT THE DEPARTMENT OF MECHANICAL ENGINEERING

The department was established in the year 2010. It has State of art Laboratories for Manufacturing, Thermal Engineering, Kinematics, Metrology and CAD/CAM areas. Highly qualified and experienced faculty ensure the Teaching/Learning process in the Department. Dr. R. Mohankumar, Professor & Head leads the Department with his rich experience in Engineering Education and Research.

ABOUT THE PROGRAMME

The overarching aim of this workshop is to create a valuable awareness and interest about Computational Fluid Dynamics (CFD) among the young and talented minds of the Engineering society. Computational Fluid Dynamics is a branch of Fluid Mechanics that uses numerical analysis and data structures to solve and analyze problems that involve fluid flows. CFD has a wide range of applications in diverse fields due to its potential in saving cost and time. The workshop may act as a kick start for the freshers and knowledge enhancer for the research scholars in CFD area. **The number of participants is limited to 40.**

RESOURCE PERSONS

The resource persons for the workshop are invited from reputed Engineering colleges and CAE Engineers from private consulting services

WORKSHOP CONTENT

- Introduction to CFD
- Governing Equations
- CFD Applications
- Modelling and Meshing
- Grid Generation
- Mixing Flow Analysis
- Hands on Session

TARGET AUDIENCE

UG, PG Students and Faculty members of Engineering and Polytechnic Colleges.

ORGANISING COMMITTEE

CHIEF PATRON :	Dr. P. Krishna Das Chairman and Managing Trustee NGI
PATRON :	Dr. P. Krishna Kumar CEO & Secretary NGI
CHAIR :	Dr. N. Rajkumar Principal Nehru Institute of Tech. Coimbatore.
Convener :	Dr. R. Mohan Kumar Prof & HOD Mech & Auto Engg Nehru Institute of Tech. Coimbatore.
Co-ordinator :	Mr. N. Mohammed Rafic Asst Prof / Mech Engg.
Venue :	P.K. Das Hall Nehru Institute of Tech. Coimbatore

IMPORTANT DATES

Submission of Application	: 07/09/2017
Intimation of Selection	: 09/09/2017
Confirmation by Participants	: 11/09/2017

One Day Workshop
on
Computational Fluid Dynamics

REGISTRATION FORM

13th Sep 2017

Name:

Designation:

Department:

College:

Specialization:

Address for Communication:

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Mail ID:

Contact Number:

Accommodation required (tick) : Y/N

DD Particulars : Amount :

Date :

DD No :

DECLARATION

The above information is true to the best of my knowledge.

Date:

Place:

Signature of the applicant

Office Seal

Signature of Head of the
Department / Institution

REGISTRATION

Registration for workshop can be done using the photocopy of the registration form and mailed to the Coordinator. The fee for the workshop is listed below.

UG & PG Students : Rs 150/-

Faculty & Research Scholars : Rs 200/-

- The registration fee for the workshop should be paid in the form of Demand Draft in favor of “**The Principal, Nehru Institute of Technology**” Payable at Coimbatore.
- The number of Participants is restricted to 40 only. Participants will be selected on First come First Serve basis.
- Selected candidates will be intimated by E-mail. The confirmation of participation is to be made by E-mail.
- No TA / DA will be provided.
- Accommodation may be provided at NIT boys hostel for outstation candidates on request.

MAILING ADDRESS

The Coordinator,
Workshop on Computational Fluid Dynamics
Department of Mechanical Engineering
Nehru Institute of Technology
'Jawahar Gardens,' Kaliapuram,
Coimbatore - 641 105
E-mail : nitcfdworkshop@gmail.com

CONTACT DETAILS

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Mr. K.N.Arun Kumar - 75020 85422
Mr.N.Arun Kumar - 95857 25544

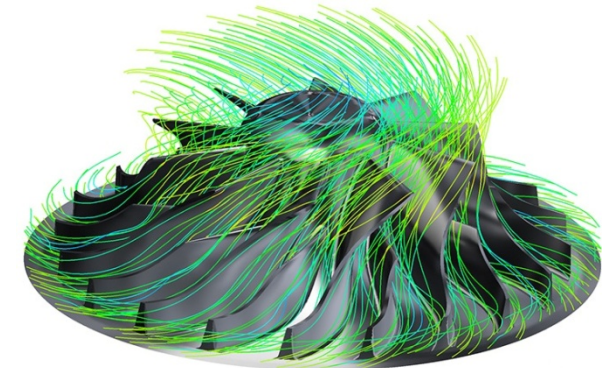


One Day Workshop

on

“**COMPUTATIONAL FLUID DYNAMICS**”

13th Sep 2017



Organized by



Department of Mechanical Engineering

NEHRU INSTITUTE OF TECHNOLOGY

'Jawahar Gardens', Kaliapuram

Coimbatore - 641 105