

Chief Patrons:

Prof. Vinay Kumar Pathak
(Vice Chancellor, AKTU, Lucknow)

Patrons:

Prof. H K Paliwal
(Director, I.E.T Lucknow)

Coordinators:

Dr. Shailendra Sinha
Prof & Head, Deptt. of Mech. Engg

Dr. Arun Kumar Tiwari
Associate Prof, Deptt. of Mech. Engg

Advisory Committee:

Dr Sanjay Srivastava, Dean Academics
Dr. SP Tripathi, Head, CSE
Dr. Subodh Wariya, Head, EC
Dr. K Narayan, Head, CE
Dr. Kuldeep Sahay, Head, EE
Dr. BN Mishra, Coordinator, BT
Dr. AK Katiyar, Head, ASD
Dr R P Ram, Head, CHE
Dr Sanjay Singh, Coordinator TEQIP-III

Organizing Committee:

Arun Mittal, MED
Ajay Kumar Sharma, MED
Amitesh Pandey, MED
Abhay Ratan Pandey, MED
Vineet Dubey, MED
B. K. Singh, MED
Shivam Sen, MED

About the Institute:

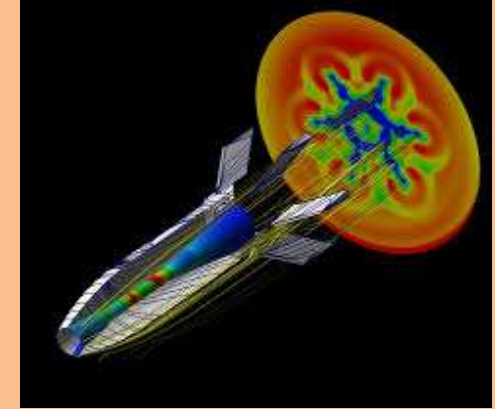
IET was established by the Government of Uttar Pradesh in 1984, for imparting technical education. The institute is fully financed by Uttar Pradesh Government. The institute is fully residential. The institute was formerly affiliated (1984-1999) to the University of Lucknow, and from 2000-2012 to Uttar Pradesh Technical University. Currently it is under Dr. A.P.J. Abdul Kalam Technical University.

About the Department:

The Mechanical Engineering department is considered as the heart of the institute. The department offers courses leading to a Bachelor of Technology in Mechanical Engineering and Master of Technology in Mechanical Engineering. The department enrolls candidates for Ph. D. programs; full time, under TEQIP-III and part time candidate of Dr. APJ Abdul Kalam Technical University, Lucknow in various research areas. Excellent facilities are available to prepare students as professional mechanical engineers with the focus on innovation, analysis and development of technologies. Excellent infrastructural facilities exist for academic development of the students. The department believes in the philosophy that the students can apply the theoretical knowledge to practice and exploration that eventually leads to experiential learning.

**A
Workshop
on
COMPUTATIONAL FLUID DYNAMICS FOR
ENGINEERS
(TEQIP-III SPONSORED)**

March 08 - 09, 2018



**Organized
By**

**Department of Mechanical Engineering
IET Lucknow-226021, U.P.**



Contact

**Dr. Arun Kumar Tiwari
Associate Professor
Department of Mechanical Engineering
IET Lucknow**

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How to Reach:

The city of Lucknow is well connected by road, rail and air with all the important places of India. The Institute of Engineering & Technology (IET Lucknow) campus is only 12 Km from Lucknow railway station, 23 Km from the airport.

Speakers:

Speakers are from the premier institutions like IIT's, NIT's and Reputed Technical Universities, will be teaching the course contents.

Who can Attend?

All the faculty members from Institution/Research Scholars/M.Tech Student/ Industry persons and scientists are targeted for this workshop. No course fee is charged for participants. Boarding and lodging will not be provided by the Institute.

How to Apply?

Enclosed application form should be filled, duly signed by the authority of the participant's Institution. The scanned copy of the registration form will be sent to the Coordinator by email, latest by March. 5, 2018.

Important Dates:

Last Date of Registration: March. 5, 2018

VENUE

Committee Room IET Lucknow (Old Administrative Block)

About the Workshop:

Computational fluid dynamics is a problem solving tool especially in the area of fluid flow and heat transfer for scientific & engineering, based on the mathematical concepts of matrix. It can be used in distinct mode, it offers immediate execution of statements or several group of statements in a command window. Secondly it also offers conventional programming by means of script links. It helps in simulation, modeling and numerical methods. The CFD programme implements the C language and provides a very extensive library of predefined functions to make technical programming task easier and more efficient.

The present Workshop is intended to cover basic elements CFD such as:

1. Governing equations of fluid flow and heat transfer
2. Finite Volume Method (FVM) for diffusion problems
3. FVM for convection problems
4. FVM for convection-diffusion problems
5. FVM for N-S and energy equation
6. Grid generation

Two Day Workshop On COMPUTATIONAL FLUID DYNAMICS FOR BEGINEERS

March 08 - 09, 2018

**(TEQIP-III Sponsored)
Registration Form**

Name

Designation.....

Affiliation

Male/Female

Educational Qualifications.....

Category.....

(Faculty/Student/Delegate from Industry)

Mailing Address.....

Fax

Email.....

Mobile No.....

Declaration by the Applicant

If selected, I agree to abide by the rules and regulations of the FDP.

Date: *Signature of the Applicant*

Recommended and Forwarded

Signature of the Head of the Department/ Institution with office Seal

Note: Photocopy of this registration form may be used for multiple registrations.