

Five-Days Workshop
on
Applications of ANSYS in
Engineering
(Extending FEA capabilities and Fluid Flow
Analysis)

24th to 28th July 2023



Jointly organized by



Department of Civil Engineering
National Institute of Technology Hamirpur
Hamirpur-177005 (H.P.)

&



Entuple Technologies Pvt. Ltd.
Bangalore-560038 (Karnataka)

About the Institute

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7th August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. On 26th June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to the National Institute of Technology. The Institute offers Bachelor, Master and Doctoral programs in Engineering, Sciences, Architecture, Management and Humanities.

About the Department

National Institute of Technology, Hamirpur was established in the year 1986 and the Civil Engineering Department is part of the institute since its inception. Civil Engineering is the branch with lot of diversity right from structural to transportation engineering, environmental to hydrology to hydraulics engineering, geology to geo-technology to earthquake engineering.

About Entuple Technologies

Entuple Technologies, head-quartered at Bangalore, India, is a next generation solutions enabler in system design technologies across Telecommunication, Defense & Aerospace, Power & Utility and Academics. Entuple is committed to bridge the ever-growing gap in the industry by bringing in expertise to meet technological challenges by introducing cutting edge platforms, tools and solutions.

Committee

Patron

Prof. (Dr.) H. M. Suryawanshi
Director, NIT Hamirpur (H.P.)

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Dr. S. S. Katoch
Head, DoCE, NIT Hamirpur (H.P.)

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Dr. Pardeep Kumar
Associate Professor, DoCE, NIT Hamirpur (H.P.)

Coordinators

Dr. Vimal Kumar
Assistant Professor, DoCE, NIT Hamirpur (H.P.)

Dr. Amrit Kumar Roy

Assistant Professor, DoCE, NIT Hamirpur (H.P.)

Treasurer

Dr. Amrit Kumar Roy

Assistant Professor, DoCE, NIT Hamirpur (H.P.)

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Sh. Naresh Kumar

Sh. Rahul Jamwal

Sh. Vikrant Singh

Sh. Sahil Katoch

Office Assistance

Sh. Anil Kumar

About the Experts

Mr. Gokul Raj M, Senior Engineer – Structural, Entuple Technologies Pvt. Ltd.:- Mr. Gokul Raj is a Senior Engineer - Structural at Entuple Technologies based out of Bangalore, India. He is primarily responsible for Training, Technical Support and Consultation for customers across India from Academic, Defense, aerospace and corporate sector. He has undergone certifications from Ansys as “ANSYS Certified for Ansys Mechanical, Professional Discovery and SpaceClaim.”

Mr. Dheeraj Mathew Paulson, Field Application Engineer, Entuple Technologies Pvt. Ltd.:- Mr. Dheeraj Mathew Paulson is a Field Application Engineer at Entuple Technologies, Bangalore. He specializes in Computational Fluid Dynamics and Structural Analysis. He takes care of Trainings and Technical Support for the Academic sector across India. Dheeraj is an Ansys Certified Professional for Fluids Engineering.

Topics to be Covered

Preparing Geometry for Simulation using Ansys Preprocessing Capabilities
Fundamentals and Best Practices of Meshing in Ansys
Exploring Structural and Thermal Analysis with ANSYS Structures.
Leveraging ANSYS CFD for Turbulent Flow and Heat Transfer Analysis.
Advancing Designs with ANSYS Multiphysics Analysis.

Prerequisite

Laptop with sufficient power backup/battery.

Important Dates

- Last date (e-Registration): July 20th, 2023 on first-cum-first serve basis.
- Confirmation by E-mail: within 1-2 days after receiving registration form.
- Workshop Duration: July 24th to 28th, 2023.

Eligibility

This program is open to faculties, scientists, students and industrial personnel.

e-Registration

Registration Fee (Non-Refundable): Fee shall be paid through SBI Collect only

- (a) Rs. 2000/- for UG, PG & PhD Student
- (b) Rs. 3000/- for the participant from Academia/R&D Labs, i.e. faculties, scientists.
- (c) Rs. 4000/- for the participant from Industry

Note: Working lunch will be provided.

How to Apply

Interested candidates must deposit the non-refundable registration fee through SBI collect (ONLY) with the following procedure:

- a. Go to SBI collect home page
- b. Select category ‘**Educational Institutions**’
- c. Search for Educational Institute ‘**NIT Hamirpur**’ against state Himachal Pradesh
- d. Select payment category as **WORKSHOP FDP STC CONFERENCE**.
- e. Generate the payment slip and take a print out of the same.

- f. Fill out the registration form available at the following link and also upload the soft copy of the payment slip.

<https://forms.gle/eUqZcKqh4E3Q1frM6>

Notes: *Registration link will be closed once the participants limit is reached. Therefore, ensure the link is open before payment of registration fee. *The applications will be accepted on first-cum-first serve basis. *Venue: Deptt. of Civil Engg., NIT Hamirpur

Accommodation

Registered participants can directly email for a guest room at Satpura Hostel, NIT Hamirpur on payment & first come first serve basis (Email: wardensatpura@nith.ac.in). It will be confirmed based on the availability. Contact person: Mr. Happy, Mob. +91-97365-11573.

Certification

Certificates/e-certificates will be provided to the participants fulfilling the min. attendance criteria.

Contact Details

Dr. Amrit Kumar Roy

Email: amritroy@nith.ac.in

Mob.: +91-9882776744, +91-9418796744

Dr. Vimal Kumar

Email: vimalkumar@nith.ac.in

Mob.: +91-8619858667

Dr. Pardeep Kumar

Email: pkumar@nith.ac.in

Mob.: +91-9418131826.

Mr. S. K. Aggarwal

Email: skaggarwal@entuple.com

Mob.: +91-9599039671