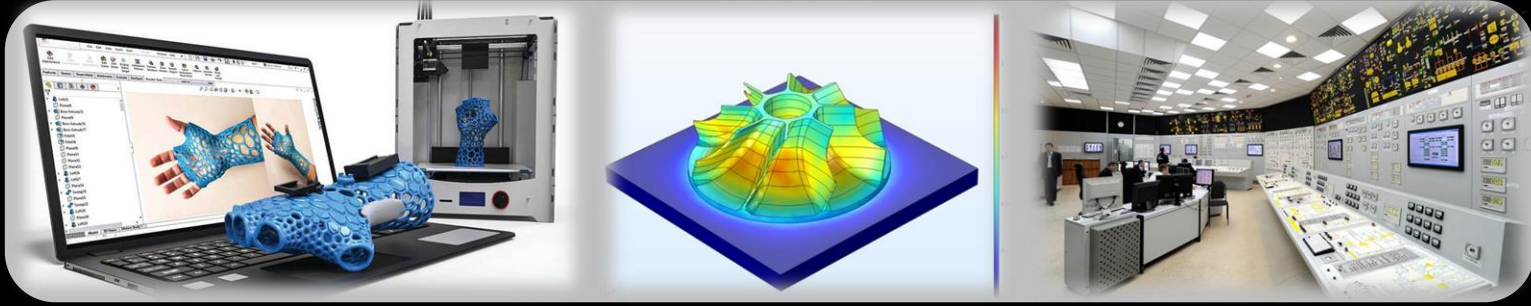


One-Day Workshop on **Design and Simulation Strategies used in Additive Manufacturing and Power Plant Operations** 27.08.2021, 10:00 AM onwards, Online Platform



ABOUT THE INSTITUTE

The National Institute of Engineering (NIE), Mysore was established in the year 1946 on the threshold of India's independence. It is one of the premier educational institutions in India, offering 8 undergraduate, 11 post graduate and Doctoral programs in engineering and technology. The NIE is an autonomous institute affiliated to Visvesvaraya Technological University (VTU), Karnataka. It has the distinction of having among its alumni personalities in high positions, academicians, successful researchers, industrialists, entrepreneur and leaders of world renown with their contributions to the development and economic prosperity of our country. The college has highly qualified faculty, with strong research background. The Institute emphasizes on bridging gap between academics and industry through development of centers of excellence in several areas of engineering field with the support of industry partners and relevant state of the art facilities. Presently NIE has 14 centers of excellence.



ABOUT THE DEPARTMENT

The Department of Mechanical Engineering (ME) was established in the year 1958 and has carved remarkable milestones, enabled success stories for its faculty and student alike and partnered with industry and academia to innovate social impact. The department presently runs three M.Tech programs under the autonomous scheme, namely, Industrial Automation & Robotics, Machine Design and Nanotechnology. The department is recognized as 'Research Centre' by VTU. It has highly qualified faculty members who is actively engaged in research and consultancy work in areas of Composite Materials, Automation Technology, Nanotechnology and Renewable Energy Technology. The department has secured funding from reputed funding agencies such as the Department of Science & Technology (DST), Technical Education Quality Improvement Program of Government of India (TEQIP) and so on.

ORGANIZING COMMITTEE

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Dr. N.V. Raghavendra
Professor and Principal
NIE, Mysuru

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Professor and Head
Dept. of Mech. Engg.
NIE, Mysuru

FACULTY COORDINATORS

**Mr. Vinodkumar HP, Dr. Sachin B,
Dr. Abhinaba Roy**
Assistant Professor(s)
Dept. of Mech. Engg., NIE, Mysuru

WEBINAR SCHEDULE AND TOPICS

Session - 1

Topic: 3D Printing - The Next Industrial Revolution
Time: 10:00 – 11:30 AM



Mr. Raghavendra S.
Founder & CEO
Aakruthi3D

Session - 2

Topic: Demo on 3D Printing Slicing Software and Printing Parameters
Time: 11:45 – 1:15 PM



Dr. Anand A.
Assistant Professor
Department of Mechanical Engineering
NIE, Mysuru

Session - 3

Topic: Simulation and material modelling technology for additive manufacturing processes to optimize the 3D printing process.
Time: 2:00 – 3:15 PM



Mr. Balaji S.
Technical Manager – CAE
SOLIZE India Technologies Pvt. Ltd.

Session - 4

Topic: Applications of Dynamic Simulations in Digital Power Plant Operations
Time: 3:45 – 5:15 PM



Mr. William Hazlit A.S.
Senior Manager
(Product Development, Training and Business Development)
Sim Infosystems Private Ltd.

WHY THIS WEBINAR IS IMPORTANT:

- The world has moved forward to modern methods, it's time you do too.
- Demonstration of 3D printing to understand how printing parameters affect your printed product.
- Explore how to optimize 3D printing process through design and simulation.
- Discover how engineers design and simulate operations of a power plant before they build it.

REGISTER FOR THE WEBINAR:

- To register for the webinar click on this link → <https://forms.gle/2YiJXd3EjKZzs4Deg>

FOR CERTIFICATE:

- Students need to fill out the feedback form for all the four sessions to avail the certificate. Feedback links will be shared in the microsoft teams chat box after each session.

For any query, mail us (vinodkumarhp@nie.ac.in, sachinrao@nie.ac.in, abhiroy@nie.ac.in)

To reach us: call at – 8095442474, 9900529811, 6362897802.