



**One Week
AICTE- ISTE
SPONSORED**



INDUCTION/REFRESHER PROGRAMME(Online)

on

" ADDITIVE MANUFACTURING AND ITS INDUSTRIAL APPLICATIONS"

Dates: 08/02/2022 to 14/02/2022

**Organized by
Department of Mechanical
Engineering**

**Coordinator:
Dr. M.R.Dharme
Associate Professor, DRGIT&R, Amravati**



**Dr. Rajendra Gode Institute of
Technology & Research,
University-Mardi road,
Amravati-444602(Maharashtra).
www.drgitr.com , (0721)-2970275/2970347**

About Organization

Dr. Rajendra Gode Institute of Technology & Research, Amravati (formerly known as IBSS College of Engineering, Amravati) was established in 2008, under the aegis of Indira Bahuuddeshiya Shikshan Sanstha, Buldana's founder chairman Late Honorable Dr.Rajendraji Gode. He was a renowned Doctor and Educationalist, also the Ex. Minister of Home and Industry, Maharashtra State.

The institute was started with Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electronics & Telecommunication Engineering in UG & PG. Also institute has PhD research centers in Mechanical Engineering, Electronics & Telecommunication Engineering.

Dr. Rajendra Gode Institute of Technology & Research is located on sprawling 40 acres of campus and at 4 km from Sant Gadge Baba Amravati University, Amravati.

Dr. Rajendra Gode Institute of Technology & Research is affiliated to Sant Gadge Baba Amravati University, Amravati & believes in producing well disciplined, practical oriented, highly knowledgeable Engineers to serve the nation.

Dynamic & Well Experienced faculty is committed to impart high quality education with the latest teaching aids. Campus is Wi-Fi & all laboratories are well equipped with modern equipment. D.R.G.I.T&R is focused on transforming ordinary minds to extraordinary achievers. The students are motivated to elevate their creative ideas in the most competitive environment.

About Department

The Department of Mechanical Engineering was established in 2008 with a vision of imparting state of the art education in the cutting edge technologies of the world. Mechanical Engineering is a core branch of engineering and a rapidly diversifying field, encompassing areas such as robotics, automated manufacturing, biological molecular machines, thermodynamics, fluid dynamics, computational mechanics, Composite materials and Tribology.

About the Programme

The programme aims to enable participants to learn the applications of additive manufacturing so as to empower them to offer a course on additive manufacturing technology at their respective institutions and impart the knowledge and skills related to additive manufacturing technologies, selection of material,equipment and product development in Industry 4.0 environment.

About the content

- Develop CAD models for 3D printing or Additive Manufacturing (AM).
- Import and export CAD data, generate .stl file and data processing.
- Knowledge of 3D Printing material for the given application.
- Hands on Practice of 3D printing software
- Various 3D printing processes and appropriate selection for specific applications.
- Part fabrication and issues using 3D Printing or Additive Manufacturing (AM).
- Reverse engineering applications in 3D Printing.
- Applications of 3D printing, challenges and research issues

Resource Persons

Eminent personalities from Academic Institutions and Industries.

Eligibility

Faculty members from AICTE Approved institutions (Polytechnics & Engineering Colleges), Research Scholars and Industry Personnel are eligible to Apply.

General instructions

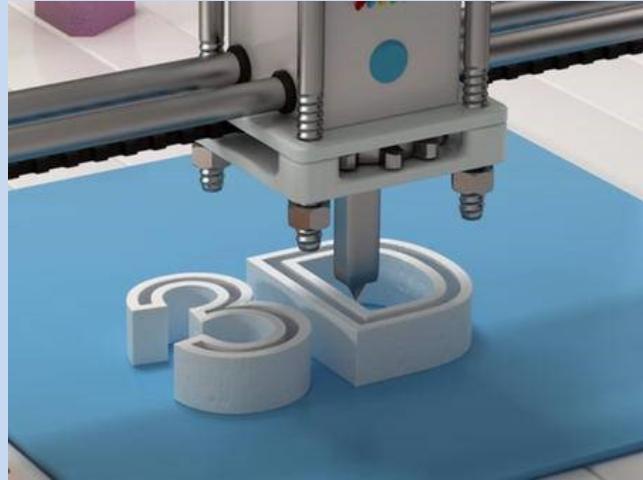
- Seats are limited and the participants will be Selected on first come first serve basis.
- Preferences will be given to ISTE life members and those who have applying for ISTE membership soon.
- Selected candidates will be intimated through e -mail only.
- Certificates will be issued only to that participant who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.
- No registration Fee.
- Online platform “ZOOM” will be used for the conduction of online sessions.
- Registrations can be done only through the following links:

<https://forms.gle/s5UaxCtP2yowUdEY6>

Dates to remember

Intimation to selected candidates:05/02/2022

Starting Date of the Programme: 08/02/2022



Advisory Committee

Dr. P. S. Ardak (HOD, FYBE)
Dr. S. C. Jirapure (HOD, MECH.)
Dr. R. M. Deshmukh (HOD, EXTC)
Dr. M. R. Vyavhare (HOD, CIVIL)
Dr. S. W. Mohod (HOD, CSE)

Organizing Committee

Prof. A. A. Shahade
Prof. M. R. Dhawade
Prof. S. A. Pande
Prof. K. K. Padghan
Prof. K. T. Dhakulkar
Prof. S. S. Galgat

Chief Patron:

Hon'ble Shri Yogendraji R. Gode,
Chairman,IBSS Buldana

Program Chair

Dr. P. B. Patil,
Principal, DRGIT&R, Amravati

Coordinator

Dr. M. R. Dharme
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