



TECHNO COLLEGE OF ENGINEERING AGARTALA

A 5 Day Faculty Development Program on 3 D Printing and Rapid Prototyping

(26th -30th June 2023)

Organized By

Mechanical Engineering Department

Chief Patron

Prof. Goutam Roy Chowdhury
Chairman, Techno India Group

Patron

Dr. Dibakar Deb (Principal TCEA)

Advisory Committee

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Dr. Arpan Laskar (IQAC Coordinator, TCEA)
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Mr. Pulak Sen (Asst. Prof. ME)
Dr. Shirsendu Das (HOD, Dept. of ME)

Course Coordinator

Mrs. Moutushee Debnath, Asst. Prof. ME Dept.

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Mr. Ujjal Das, Asst. Prof. ME
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Mr. Sourav Hossain, Lecturer ME
Ms. Soma Debnath, Lecturer ME

About TCEA



Techno College of Engineering Agartala or TCEA (formerly Techno India Agartala or TIA) is a self-financed degree engineering college affiliated to Tripura University (A Central University), approved by AICTE, MHRD, Govt. of India. It is run and managed by Techno India Group. Techno India is the recognized leader among private education groups in India for its academic excellence and vast multitude of course offerings.

Objective and Scope

Three-dimensional (3D) printing is an additive manufacturing process that creates a physical object from a digital design. The process works by laying down thin layers of material in the form of liquid or powdered plastic, metal or cement, and then fusing the layers together. This process is having global acceptance and specially suitable for the Aerospace, agricultural industries, automobile sectors, dental product, medical instrumentation, etc.

Expert Speakers



Prof. Biswanath Doloi
Professor, Production Engg.
Dept. Jadavpur University



Dr. P K Purnapu Rupa
Associate Professor
Material Sci. & Engg.
Tripura University



Dr. Manish Bhargava
Associate Professor,
Mechanical Engg. Dept.
NIT Agartala

Important Points

- The Last Date of the Registration is 20th June (5:00 P.M). Link for registration: <https://forms.gle/L78Xbs8CS2ABhrRZA>
- The FDP will be conducted through virtual mode.
- No registration fee is involved and e-Certificate will be provided to all the participants.

Scan the QR to Register



For any further correspondence:
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Topics of the Lectures:

Sl. No.	Day	Topic	Name of the Expert
1.	26-06-2023	Inaugural Session	<ul style="list-style-type: none">➤ Welcome address by Principal➤ Speech by Director TIG➤ Speech by IQAC Coordinator➤ Vote of thanks by HOD ME
		Metal based 3D Printing Technology: Introduction	Prof. Biswanath Doloi Professor, Production Engineering Jadavpur University
2.	27-06-2023	Direct ink writing - A 3D Printing Technology for Ceramic Materials	Dr. P Karuna Purnapu Rupa Associate Professor, Dept. of Material Science and Engineering Tripura University
3.	28-06-2023	Applications of Advanced Materials by direct ink writing	Dr. P Karuna Purnapu Rupa Associate Professor, Dept. of Material Science and Engineering Tripura University
		Additive Manufacturing and its capability.	Dr. Manish Bhargava Associate Professor, Mechanical Engg. Dept. NIT Agartala
4.	29-06-2023	Additive Manufacturing and industry 4.0	Dr. Manish Bhargava Associate Professor, Mechanical Engg. Dept. NIT Agartala
5.	30-06-2023	Metal based 3D Printing Technology: Applications	Prof. Biswanath Doloi Professor, Production Engineering Jadavpur University
		Valedictory Session	

[The time slot of the lectures will be shared with the registered candidates later]