



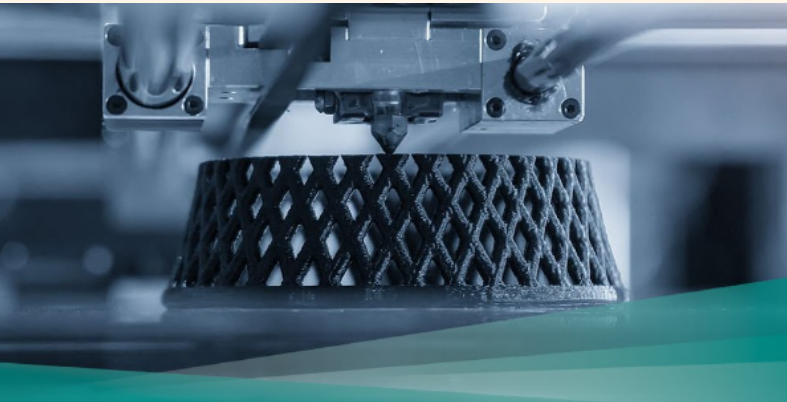
DRDO sponsored

ONE WEEK

Faculty Development Program

on

Composite Additive Manufacturing



organized by

**DEPARTMENT OF PRODUCTION ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI**

**18 - 22
December, 2023**

www.nitt.edu

National Institute of Technology, Tiruchirappalli

National Institute of Technology, Tiruchirappalli is one of the premier institutes in India. It was established in the year 1964 to cater to the growing need for technological manpower of the nation. It ranks first among all the NITs in the country based on the National Institutional Ranking Framework (NIRF). It offers 10 undergraduate and 23 postgraduate programmes in various disciplines of Engineering, Science, Architecture and Management.

Department of Production Engineering

The Department offers B.Tech. (Production Engineering), M.Tech. (Manufacturing technology), M.Tech (Industrial Engineering and Management), M.S. and Ph.D. programmes. State-of-the-art laboratories are available in the areas of Machining, Forming, Welding, Casting, Robotics, CIM, CNC, Mechatronics, Modeling, Simulation, Ergonomics, Tribology, Composite materials and Operations.

Extramural Research & Intellectual Property Rights (ER&IPR)

Directorate of Extramural Research & Intellectual Property Right (DER&IPR) works towards establishing network with research community in Indian academic research centres, creation of centres of excellence within academic institutes, augmentation of research infrastructures and supporting advanced research through projects. The aim of ER&IPR directorate is to develop essential knowledge and capabilities for DRDO's immediate and futuristic needs for defence product development and technologies.

About FDP

The FDP aims to provide recent advancements in additive manufacturing with the primary focus on composite AM and its industrial applications. The sessions are tailored with the right blend of expert talks and hands-on training to provide rich experience to the participants on Additive Manufacturing. The real demonstration on concrete printing and other AM systems are unique additions in the FDP. The participating faculty/research scholars have a great opportunity for networking and collaboration.

VENUE

**Centre for Advanced Manufacturing and
Automation (CAMA),
NIT Tiruchirappalli**

<https://maps.app.goo.gl/UQCLWXRXuXJuiYXd9>



Key Resource Persons

1. Dr. J. Ramkumar, Professor, Department of Mechanical Engineering, IIT Kanpur.
2. Dr. R. Jayaganthan, Professor, Department of Engineering Design, IIT Madras.
3. Dr.-Ing. M. Duraiselvam, Professor, Department of Production Engineering, NIT Tiruchirappalli.
4. Dr. J. John Rozario Jegaraj, Technology Director, Product Engineering & Productionization, DRDL, Hyderabad.
5. Dr. T. Ram Prabhu, Assistant Director / Scientist (MMP), DRDO, Bangalore.
6. Mr. Joe Ajay, Business Development Manager, EOS GmbH-LSSBB, Chennai.
7. Mr. Sharath Chandar, Design Engineer, Tvasta Manufacturing Solutions Private Limited, Chennai.
8. Dr. V. Anandakrishnan, Professor, Department of Production Engineering, NIT Tiruchirappalli.
9. Dr. S. Vinodh, Professor, Department of Production Engineering, NIT Tiruchirappalli.
10. Dr. T. Ramesh, Associate Professor, Department of Mechanical Engineering, NIT Tiruchirappalli.
11. Dr. T. Jagadesh, Assistant Professor, Department of Production Engineering, NIT Tiruchirappalli.
12. Dr. Mallikarjuna, Assistant Professor, Department of Production Engineering, NIT Tiruchirappalli.

Highlights of FDP

- Exposure to advanced Additive Manufacturing techniques.
- Physical Demo on
 - Concrete Additive Manufacturing.
 - Carbon Fiber Additive Manufacturing system.
 - Metal Additive Manufacturing systems.
 - Digital Light Processing Additive Manufacturing System.

Registration

Faculty - Rs.3000/-

(including GST)

Research Scholars - Rs.2000/-

Registration Fee includes

Workshop Kit, Lunch, Refreshments and Certificates

* Accommodation charges are not included in the registration fee.

Accommodation in the institute guest house is subject to availability.

Based on prior request, booking shall be done at the following tariff.

Rent per day

- Single occupancy - Rs. 1,298
 - Double occupancy - Rs. 2,124
- (including GST)

Payment Guidelines

Payment shall be made ONLY through online mode.

Cash / Demand Draft / Cheque / Pay Orders, etc. are NOT ACCEPTED.

Go to the SBI-collect using the link

<https://www.onlinesbi.sbi/sbicollect/>

1. Select category as 'Educational Institutions' and state as 'Tamil Nadu'.
2. Select "Conference and Workshop NIT Trichy".
3. Select payment category as "PROMD FDPCAM 2023".
4. Make payment through UPI/ Net Banking/ Credit card/ NEFT.
5. Once the registration fee is paid, fill up the following Google Form (including registration fee details).

<https://forms.gle/tVwvWeonGnBTBLM19>

Last Date of Registration: 15th December 2023



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