

National Institute of Technology Tiruchirappalli (NITT)

organises

Ministry of MSME

Sponsored

Five day Advanced ESDP

on

“Sustainable Green Business
Opportunities through Electronic
Waste upcycling”

20th to 24th
January 2025

Venue:
Third-I Building,
Computer Support Group
(CSG), NITT

Course Coordinators

Dr. Anand Ramanathan,

Professor, Department of Mechanical Engineering, NITT

Dr. S. Prasanna Venkatesan,

Professor, Department of Production Engineering, NITT

ABOUT NITT

National Institute of Technology, Tiruchirappalli (NIT Trichy) is one of the India's top engineering institutions, renowned for academic excellence and cutting-edge research. Established in 1964, it is an Institute of National Importance and offers undergraduate, postgraduate, and doctoral programs in various disciplines of engineering, science, and management. NIT Trichy is celebrated for its vibrant campus life, innovative research culture, and strong industry collaborations.

ABOUT MSME

Micro, Small, and Medium Enterprises (MSMEs) are the backbone of India's economy, driving innovation, employment, and growth. Governed by the Ministry of MSME. MSMEs contribute significantly to GDP, exports, and rural industrialization, fostering inclusive development. They benefit from government initiatives like credit support, skill development, and market access programs, ensuring competitiveness in the global economy. MSMEs play a pivotal role in achieving India's self-reliance goals.

HIGHLIGHTS

NO REGISTRATION FEE

Participants are requested to fill the form in the link given below

Register at:

<https://forms.gle/P19hF2moGzC9jh1p7>



ELIGIBILITY

Entrepreneurs. Engineering graduates, Waste management related experts, Municipal corporation sanitary officers. Startups, e-waste refurbisher, recycler, dismantlers,

LEARNING

The ESDP covers the topics to upgrade the skills of prospective entrepreneur coupled with specific skills hands-on practice or demonstration

NOTE

1: The participants are entitled for Aadhaar authentication

2: Request for accommodation will be based on availability of rooms

Contact:



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**MSME**MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
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Ministry of MSME, Govt. of India

**Inauguration Session: 20.01.2025 - 09.00 AM to 09.30 AM**

| Date | Session 1 (09.30 – 11.00 AM) | Session 2 (11.30 – 01.00 PM) | Session 3 (02.00 – 03.30 PM) | Session 4 (04.00 – 05.30 PM) |
|------------|--|--|--|---|
| 20.01.2025 | Opportunities on IT E-waste refurbishment Mr. Kathiresan Mahendran & Mr. Kavin Co-Founder Chief Evangelist Innomonk technologies (P) Ltd Bangalore , Bangalore | | | Re use strategies of IT e-waste Dr. S.Prasanna Venkatesan Professor, NIT Tiruchirappalli |
| 21.01.2025 | E-waste to energy materials Dr. N. Samsudeen Associate Professor, NIT Tiruchirappalli | Entrepreneurship & Start-ups Mr. Shyam Ramamurthi Founder, Catalynk Business Solutions, Chennai | Pretreatment and post treatment in e-waste recycling Dr. R. Karvembu Professor, NIT Tiruchirappalli | Waste to Wealth: Byproducts of e- waste Mr. Prasanth Omanakuttan Managing Director, Green Era |
| 22.01.2025 | Case Studies and Best Practices for Integrating Renewable/Solar Energy Solutions Mr Arun Rebero CEO & Director, Contura Solar (INDIA) Pvt. Ltd. Tiruchirappalli | Practical insights into e-waste upcycling systems Dr. S T Ramesh Professor, NIT Tiruchirappalli | Waste management current status in Tamil Nadu Dr. K. Muthukumar Professor, NIT Tiruchirappalli | Field Visit Dr. S.Prasanna Venkatesan Professor, NIT Tiruchirappalli |
| 23.01.2025 | Finance, and Market Dynamics in E-Waste Upcycling Mr. Nagendran Nagarajan CEO, Srinivas Waste Management Services (P) Ltd. | Indian Green Policies for waste management Dr. Jaganathan VM Assistant Professor, NIT Tiruchirappalli | Sustainable Technologies for Converting Electronics Waste into Valuable Resources Dr. Sendhil Kumar N Associate Professor, NIT Puducherry | Laboratory visit Dr. R. Anand Professor, NIT Tiruchirappalli |
| 24.01.2025 | Transforming E- Waste into Green Energy Dr. C. Arivazhagan Assistant Professor, NIT Tiruchirappalli | Designing and Implementing E- Waste Upcycling Systems Dr. D Sakthivadivel Associate Professor, Vellore Institute of Technology, Vellore | E-waste rules in India Mrs. Nalini Joint Chief Environmental Engineer, Tamil Nadu Pollution Control Board, Chennai | Interactive Q&A sessions, assessment tests Dr. R. Anand Dr. S.Prasanna Venkatesan Professor, NIT Tiruchirappalli |

Tea Break: 11.00 AM - 11.30 AM & 03.30 PM - 04.00 PM**Lunch Break: 01.00 PM to 02.00 PM****Valedictory Session: 24.01.2025 - 05.30 PM to 06.00 PM**