

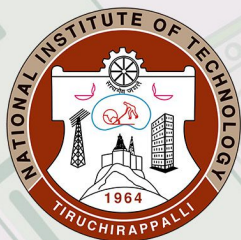
**Shastri Indo-Canadian Institute (SICI)
Golden Jubilee Conference and Lecture
Series Grant (GJCLSG)**



SPONSORED

**LECTURE
ON**

**E-WASTE REFURBISHING:
TRENDS, ISSUES AND
CHALLENGES
25 FEBRUARY, 2021**



ORGANISED BY
Department of Production Engineering
National Institute of Technology
Tiruchirappalli – 620 015
Tamil Nadu, India

SCOPE

Reuse of Waste Electrical and Electronic Equipment (WEEE) is deemed the best end-of-life option in terms of environmental impact and socio-economic benefits. Product, process, supply and demand related factors influence WEEE reuse. Studies on assessing reuse potential of WEEE have received much attention in recent years. Reuse represents the recovery of an end-of-use product/ component and putting that product back in use through the shortest path such as direct reuse and reuse after repair and other pathways such as refurbish, remanufacture and repurpose. Adopting WEEE reuse promotes product circulation while delaying the onset of obsolescence and slows the purchase of new products. Reuse of WEEE could reduce the burden on landfill and increase the employment opportunities paving the way for green environment.

LECTURE CONTENTS

This lecture series focuses on the following topics relevant to WEEE reuse:

- o Research opportunities on WEEE reuse
- o Supply chain challenges on WEEE reuse
- o E-waste rules, regulations and policies on reuse
- o Models for economic and environmental analysis of WEEE reuse

RESOURCE PERSONS

1. Prof. Uday Venkatadri, Dalhousie University, Canada
2. Mrs. K. Nalini, EE, TamilNadu Pollution Control Board (TNPCB), TamilNadu, India
3. Dr. S. Prasanna Venkatesan, NIT-Trichy

ELIGIBILITY

Faculty, scholars and students from Shastri Indo-Canadian Institute (IMC) [Indian Member Institutions (shastriinstitute.org); Canadian Member Institutions (shastriinstitute.org)] and technical institutions approved by AICTE are eligible. Also participants from e-waste processing industry are eligible to attend the programme.

REGISTRATION FEE

Nil

IMPORTANT DATES

Last date for receiving Application: 23.02.2021

Intimation of selection: 24.02.2021 (By email)

MODE OF LECTURE DELIVERY

Online using MS Teams/ Webex

FOR CLARIFICATIONS

Anandh G (414118002@nitt.edu) - 9789571177

Aby M Philip (414119054@nitt.edu) - 6282660392

REGISTRATION FORM

LECTURE ON E-WASTE REFURBISHING: TRENDS, ISSUES AND CHALLENGES

25 FEBRUARY 2021

1. Name:
2. Gender (M/F):
3. Qualification:
4. Designation:
5. Department:
6. Organization:
7. Experience:
8. Mailing Address:

Phone:

E-mail:

9. Details of Registration Fee: Nil

DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the lecture.

Place:

Date:

Signature of Applicant

SPONSORSHIP CERTIFICATE

Dr/Mr/Ms. _____
_____ a(an) faculty/ student/ employee of our institution is hereby sponsored to attend the lecture "E-waste refurbishing: Trends, issues and challenges" at NIT, Trichy on 25 February 2021.

Place:

Date:

Signature and Seal
of Sponsoring authority

Sponsoring application soft copy should be sent to the organiser of the programme.

PROGRAMME CO-ORDINATOR

Dr. Prasanna Venkatesan
Associate Professor
Dept. of Production Engg.
National Institute of Technoogy
Tiruchirappalli - 620015
E-mail: prasanna@nitt.edu
Phone: 0431 - 2503514

ABOUT SHASTRI INDO-CANADIAN INSTITUTE (SICI)

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Shastri Institute is funded by and partners closely with government bodies in both India and Canada.
[SHASTRI INDO CANADIAN INSTITUTE | INDO-CANADIAN INSTITUTION
(shastriiinstitute.org)]

ABOUT THE INSTITUTE

National Institute of Technology Trichy is one of the 31 National Institutes of Technology established by the Government of India. Today, NITT is an autonomous co-educational technological institute, with 10 undergraduate and 28 graduate programs of Science, Engineering & Technology besides MS and Ph.D. in all the departments. According to the NIRF ranking of the Indian Universities 2020 by the Ministry of Education, GoI, NIT Trichy has been ranked as the 9th best Institute in Engineering category and Top among the NITs. With the cream of engineering and management talent, encompassing exuberant students and inspiring faculty, integrated with state-of-the-art infrastructure facilities, NIT-T has emerged as one of the premier institutions in the country.

ABOUT THE DEPARTMENT

The Department of Production Engineering is established in the year 1983. 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 Simulation, Operations Management, Ergonomics, Machining, Forming, Welding, Robotics, CIM, CNC, Mechatronics, Tribology and composite materials. The Department offers engineering consultancy in the areas of design, manufacturing and resource management.



NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI
DEPARTMENT OF PRODUCTION ENGINEERING

ONLINE LECTURE
On
“E-waste refurbishing: Trends, issues and challenges”
(25TH FEBRUARY 2021)

PROGRAMME SCHEDULE

(25/02/2021 – THURSDAY; Time: IST)

Mode: Online using MS teams

Time	Item	Speakers
5.30-5.40 P.M.	Greetings from the President	Prof. Dr. Mini Shaji Thomas President, Shastri Indo-Canadian Institute (SICI) & Director, National Institute of Technology, Tiruchirappalli (NIT-Trichy), India
5.40-5.50 P.M.	Inaugural address	Dr. Prachi Kaul Director, Shastri Indo-Canadian Institute (SICI) India
Online Lectures		
5.50-6.30 P.M.	Supply chain issues/challenges in e-waste refurbishing	Prof. Dr. Uday Venkatadri, Dalhousie University, Canada
6.35-7.15 P.M.	Rules and regulations on e-waste reuse in developing countries	Ms. K. Nalini, Environmental Engineer Tamilnadu Pollution Control Board (TNPCCB) TamilNadu, India
7.20-8.00 P.M.	Research opportunities in WEEE reuse	Dr. S. Prasanna Venkatesan Associate Professor, Department of Production Engg. National Institute of Technology, Tiruchirappalli (NIT-Trichy), India
8.00-8.05 P.M.	Vote of thanks	Dr. S. Prasanna Venkatesan Programme co-ordinator

Link to Join the meeting: