

ni-msme - the premier Institute

ni-msme, the pioneer institute in the field of MSME is playing a major role in providing pro-business environment to foster the progress of MSME towards success and prosperity. The raison detre of this Institute is to assist the Government in formulating policies for micro, small and medium enterprises and to help the practicing and potential entrepreneurs through a host of services like training, research, consultancy, information, education and extension.

Set up in 1962, ni-msme has made valuable contributions by creating an impressive record of achievements beyond the Indian shores, enabling other developing countries to get the benefit of the Institute's facilities and expertise.

Located in a sprawling and enthralling campus amidst a rich natural setting, ni-msme is well equipped with both physical and academic infrastructure. In keeping with the changing times and technological changes, the Institute has updated its style of functioning by focusing on the use of IT in every aspect of its activities, but at the same time retaining the wisdom and advantages of deeply ingrained traditional practices.

The core activities are being implemented through Centres like Centre for Industrial Planning and Development (C-IPD), Centre for Policy Research (C-PR), National Resource Centre for Cluster Development (NRCDC), Centre for Promotion of Advanced Management Practices (C-PAMP), Centre for Industrial Credit and Financial Services (C-ICFS), Centre for Logistics and Integrated Materials Systems (C-LAIMS), Centre for Environment Concerns (C-ECO), Intellectual Property Facilitation Centre for MSMEs (IPFC), Centre for Entrepreneurship and Industrial Extension (C-EIE), Centre for Consultancy and Counselling (C-CC), Centre for Communication and Information Technology (C-CIT), Small Enterprises National Documentation Centre (SENDOC) as well as cells like Economic Investigation and Statistical Cell (EISC), ni-msme NGO Network (N-Cube), Women Studies Cell (WSC), Employee Assistance Cell (EAC), Live Projects Cell (LPC), Resource Centre for Traditional Paintings (RCTP), Goods & Services Tax (GST) Cell and Livelihood Business Incubator (LBI)

The Institute stores and supplies information that helps make a successful entrepreneur who is well versed in the intricacies of business and can participate in business activities intelligently and diligently through its Small Enterprises National Documentation Centre (SENDOC) and knowledge portal www.msmeinfo.in. Livelihood Business Incubator (LBI) established in 2016 under the Scheme of ASPIRE of Ministry of MSME, Govt for creating a favorable ecosystem for entrepreneurial development in the country.

The Institute has trained more than 5,32,000 participants by organizing around 15,800 programmes which includes prospective/existing entrepreneurs and officials from various Ministries of Govt. of India and State Governments till March 2019. The Institute is implementing ITEC Scheme of Ministry of External Affairs, Govt. of India since 1967 and trained more than 10,000 International Executives from 142 developing countries till March 2019. The Institute has also undertaken more than 940 research and consultancy projects.

The management of the Institute rests with the Governing Council appointed by the Government of India. The governing body acts through the resident Director General. The present Director General is **Ms.S.Glory Swarupa**

For further details, please contact



The Registrar

National Institute for Micro, Small and Medium Enterprises

(An Organization of the Ministry of MSME, Govt. of India and ISO 9001-2015 Certified)

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One week Training Programme
On

E-Waste Management & Recycling options for MSMEs

14 - 18 December 2020



Programme Director

Mr. J. KOTESWARA RAO

Associate Faculty Member (S E D)



National Institute for Micro, Small and Medium Enterprises

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RATIONALE

"E-waste" is a popular, informal name for electronic products nearing the end of their "useful life." E-wastes are considered dangerous, as certain components of some electronic products contain materials that are hazardous, depending on their condition and density. The hazardous content of these materials pose a threat to human health and environment. Discarded computers, televisions, VCRs, stereos, copiers, fax machines, electric lamps, cell phones, audio equipment and batteries if improperly disposed can leach lead and other substances into soil and groundwater. Many of these products can be reused, refurbished, or recycled in an environmentally sound manner so that they are less harmful to the ecosystem. The proposed workshop highlights the hazards of e-wastes, the need for its appropriate management and options that can be implemented.

Advances in the field of science and technology brought about industrial revolution in the 18th Century which marked a new era in human civilization. In the 20th Century, the information and communication revolution has brought enormous changes in the way we organize our lives, our economies, industries and institutions.

These spectacular developments in modern times have undoubtedly enhanced the quality of our lives. At the same time, these have led to manifold problems including the problem of massive amount of hazardous waste and other wastes generated from electric products. These hazardous and other wastes pose a great threat to the human health and environment. The issue of proper management of wastes, therefore, is critical to the protection of livelihood, health and environment. It constitutes a serious challenge to the modern societies and requires coordinated efforts to address it for achieving sustainable development.

According to the Basel Convention, wastes are substances or objects, which are disposed of or are intended to be disposed of, or are required to be disposed of by the provisions of national laws. Additionally, wastes are such items which people are required to discard, for example by law because of their hazardous properties. It comprises a whole range of electrical and electronic items such as refrigerators, washing machines, computers and printers, televisions, mobiles, laptops, etc., many of which contain toxic materials. Many of the trends in consumption and production processes are unsustainable and pose serious challenge to environment and human health.

According to some of the studies on e-waste assessment, it has been estimated that about 800,000 tonnes of electrical and electronic waste (e-waste) was generated in 2012. The high rate of reuse and refurbishment of electrical and electronic products in India has enabled the growth of the secondary market there by extending the life of the product and only small quantities of e-waste are destined for recycling.

According to MAIT-GTZ study estimates most of the e-waste is recycled in the informal or unorganized sector comprising of small and microenterprises located in and around major cities. Such units use highly polluting technologies leading to adverse effects on environment and health. However, the scenario is changing with the formal e-waste recyclers setting up recycling units.

The Ministry of Environment and Forests, Government of India has notified the e-waste (Management and Handling) Rules, 2011 under the Environment (Protection) Act, 1986. These rules are applicable to the producers of electrical and electronic equipments, the consumers, collection centres, dismantlers and recyclers handling e-waste.

According to these rules every stakeholder in the e-waste value chain is responsible for the 'environmentally sound management' of e-waste.

The various provisions under these rules make it mandatory to comply with these rules and non-compliance of any of the provisions under these rules is subject to the penalty and punishment under Section 15 of the Environment (Protection) Act, 1986. These rules have come in to force with effect from May 2012. In this context, a one week training programme covering the above issues, the programme is scheduled on 14-18 December 2020 at **ni-msme** campus, Yousufguda - Hyderabad.

OBJECTIVE

The overall objective of this programme is to provide an insight into various aspects of e-waste management with the respect to the current situation and future scenario.

CONTENTS

The programme is designed to cover broadly the following topics.

Introduction to e-waste management

- Regulatory Framework & Compliance requirements
- Composition of e-waste
- Environmental & health issues
- E-waste Collection System
- Extended Producer Responsibility
- Recycling e-waste :practices & challenges
- Role of informal sector in e- Waste Management
- Procedures for setting up e-waste recycling facilities
- Environmentally Sound Management of e-waste
- Approach towards effective Management Systems for e-waste
- Case studies & Group Discussion

METHODOLOGY

The programme shall include class room Sessions with Lectures/discussions, with audio visual aid; bench-marked video shows, Chalk & Talk sessions, group discussions, case studies, sharing of experiences, etc.

All the sessions will be interactive, demanding active participation from all the participants, as required.

TARGET PARTICIPANTS

Senior level Managers, Administrators, Corporate Executives, Scientists, Engineers, Consultants, Pollution Control Board officers, Recyclers, those proposing to set up recycling units, NGOs and others find the programme immensely useful.

FACULTY

Apart from the core Internal Faculty of **ni-msme**, we invite Professional Experts from the field of E-waste Management, Regulatory Bodies, Scientists & consultants will be invited to deliver lectures and share their knowledge with all participants.

PROGRAMME VENUE, DATES & TIMINGS

Lecture Hall, (New Training Building), **ni-msme** campus, Yousufguda, Hyderabad.

Dates: 14 -18 December 2020

Timings: On the first day, Registration will commence at 09.30 hrs. On all other day, the programme Timings will be from 09.30am-05.30 pm with breaks in between for tea and lunch.

Fee: **Rs 15,000/-** for Residential Fee per participant. **Rs 13,500/-** for Non-Residential Fee per participant. (In addition 18% of GST is applicable for both). Fee includes course material, course kit, twin-sharing accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

The payment of course fee, in the form of Demand Draft drawn in favour of **ni-msme** payable at **Hyderabad**.

CERTIFICATE

A certificate of participation will be awarded to each participant on conclusion of the training programme

Enquiries and nominations may be addressed to:

Mr.J. Koteswara Rao

Associate Faculty Member

School of Enterprise Development (SED)

NATIONAL INSTITUTE FOR MICRO, SMALL AND MEDIUM ENTERPRISES (ni-msme)

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