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Jaipur

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Dr. M. L. Meena, Assoc. Prof., Mechanical Engg.

Coordinators

Dr. Jinesh K. Jain, Assoc. Prof., Mechanical Engg.
Dr. Rajeev Agrawal, Assoc. Prof., Mechanical Engg.
Dr. Amar Patnaik, Asso. Prof., Mech. Engg. Dept.

Registration Fee

- Students and Research Fellows :Rs 1000/
- Institutional Participants/ Faculty Members :Rs 3000/
- Participants from Industry :Rs 5000/

About MNIT

Malaviya National Institute of Technology is one of the premier NITs of India, fully funded by Ministry of Human Resource Development (MHRD), Government of India. The institute was given the status of a National Institute of Technology and Deemed University on June 26, 2002, and proclaimed the Institute of National Importance through Act of Parliament on August 15, 2007. The Institute offers undergraduate and post graduate (B. Tech., B.Arch., M. Tech., M. Plan., M.Sc., MBA and PhD) programmes to about 4500 students in leading field of Engineering, Technology, Architecture, Management and Sciences. The institute is actively engaged in research, consultancy and developmental activities, besides imparting regular teaching.

Overview of the Course

This workshop is an attempt to bring the awareness of Life Cycle Assessment (LCA) for sustainability to a broad range of practitioners at the academic institutions, research organizations and industries.

The main purpose to be served by the course is the transfer of the state-of-art knowledge in the area of Life Cycle Assessment (LCA) for sustainability to further progress in this area.

The post lunch sessions of the course will be to give hands-on experience to the participants with software (GaBi) applications to Life Cycle Assessment (LCA)

Objectives:

1. Understand the concept of Sustainability in relation to environment and how it needs to be applied for industrial scenarios.
2. Examine the Life Cycle Assessment (LCA) standard and understand the various implications thereof review various tools available for the purpose
3. Apply the LCA methods to analyze products and services.
4. Review the product design procedures and apply LCA in various forms to product design to minimize the energy requirements in the total life cycle of the product.
5. Step-by-step procedure for conducting an LCA in GaBi.

Experts

The course content will be delivered from a pool of experts on the subject mostly from MNIT, Jaipur and other academic institutes i.e., IIT's/NIT's & Central universities including:

1. Dr. Nageswara Rao Posinasetti, Professor, Department of Technology, University of Northern Iowa
2. Dr M. Vijaya Kumar, Department of Mechanical Engineering, NIT Warangal

How to Reach MNIT

Jaipur is well connected by rail and road services MNIT is situated on Jawahar Lal Nehru (JLN) Marg is about 9 km from main railway station As well as central bus stand (Sindhi camp) Jaipur Airport (located at Sanganer) is about 5 km from institute

MALAVIYA NATIONAL INSTITUTE
OF TECHNOLOGY

JAIPUR

Announces

Short Term Course

ON

Life Cycle Analysis for Sustainability

(June 10th - 14th, 2019)



Organised by

Department of Mechanical
Engineering

Sponsored by TEQIP-III

Targeted Participants

- Faculty members dealing with courses in any branch of engineering, and science.
- Research scholars pursuing Ph.D., PG and UG students.
- Scientists, Engineers, educationist,
- Engineers & Managers from Industry
- R&D Organization

About Mechanical Engineering Department

Welcome to the Department of Mechanical Engineering at Malaviya National Institute of Technology Jaipur, where experienced faculty and highly motivated students - supported by a dedicated staff - experience a unique engineering education.

The Department offers academic programmes at three levels leading to Bachelor of Technology (B.Tech.), Master of Technology (M.Tech.), and Doctor of Philosophy (Ph.D.) degrees. In addition, continuing education programmes in specialized areas are offered on a regular basis for industry professionals and academic staff from other colleges.

Course Contents

In the coming decade Sustainability is the strategic focus areas for many technology companies. This STC covers

- Introduction to sustainability and LCA
- Sustainability in Manufacturing Systems
- Introduction to GaBi
- Life Cycle Assessment (LCA)
- LCA Software and examples
- LCA Practice sessions
- GaBi Practice Example
- Carbon Footprint Calculations

The post lunch sessions of the workshop will be to give hands-on experience to the participants with software's (Gabi) applications to real life projects and engineering problems.

Venue

Seminar Hall, Mechanical Engineering department, MNIT Jaipur

Who Should Attend

This course is aimed at engineers, managers and policy planners, faculties of Degree / Diploma levels, PG students, Research Scholars, practicing professionals in government & industry of various disciplines, shall benefit and are eligible to attend the course

Important Dates

Last date of Registration with Fees: 25-05-2019

Intimation of confirmation : 30-05-2019

Course duration: 10th - 14th June, 2019

Address for correspondence

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REGISTRATION FORM

A STC on Life Cycle Analysis for Sustainability

(June 10th - 14th, 2019)

Full Name: _____

Designation: _____

Department: _____

Organization: _____

Experience (in years) Teaching: _____ Industry _____

Address for Correspondence: _____

Pin code: _____ Phone: _____

Mobile no. _____ Email: _____

Registration category: (please tick one)

- Student/research scholar
- Faculty member
- Professionals/participants from industry

Detail of registration fee: _____

Name of bank & branch: _____

NEFT /DD no. _____ Dated: _____

Amount: _____

Note: DD should be drawn in favor of “**Registrar, MNIT Jaipur**” payable at Jaipur Or NEFT transfer. **A/C No.: 36875887782, SBI, MNIT Jaipur (IFSC Code SBIN0015921).**

Date: _____ Signature of Participant: _____

The applicant is hereby sponsored and will be permitted to attend this STC.

Signature and stamp of the Sponsoring Authority
(Please post/email your completely filled registration form along with DD/NEFT details)