

All India Seminar
on
REVERSE MANUFACTURING

August 24–25, 2019

(Registration form should contain the following information. It should be printed (not hand written) on A4 size paper)

Name: _____
Position: _____
Department: _____
Institution/Organization: _____
Address: _____
E-mail Address: _____ Mobile No.: _____
Telephone No.: _____

Educational Background (starting from B.E./B.Tech):

Degree	Field of Specialization	Institution	% marks/ CGPA/CPI	Year	Rank in the class
B.E./B.Tech.					
M.E./M.Tech.					
Ph.D.					

Areas of Research Interest: _____

Have you attended any course on "Reverse Manufacturing" at IEI or elsewhere: Yes / No
(If yes, please give details.....)

Payment details

Demand draft no. _____ dated _____
Amount in Rs. _____ drawn at _____

Recommendation

Signature of applicant

Signature of Head of the Department
/ Head of the organization (with seal).

Note: Correspondence will be done through e-mail.
Application's hard copy should definitely be sent by post.

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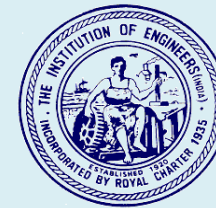
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All India Seminar
on
Reverse Manufacturing

August 24–25, 2019

Organized by



The Institution of Engineers (India)
Kanpur Local Centre
Under the Aegis of
Mechanical Engineering Division, IEI

In Association with



Imagining Laboratory
Indian Institute of Technology, Kanpur

VENUE

Tutorial Block - 201,
Indian Institute of Technology Kanpur
Kanpur – 208016, (Uttar Pradesh)

ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform for sharing professional interest. IEI has membership strength of above 0.8 million. Established in 1920, with its headquarter at 8 Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity close to a century. During this period of time, IEI has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India which has been accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 123 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Being recognized as a Scientific and Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, post graduate students and PhD Research Scholars of Engineering Institutions and Universities.

IEI conducts Section A & B Examinations in various engineering disciplines (popularly known as AMIE examination), the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Government of India. Every year large number of candidates appear for these exams.

IEI in collaboration with Springer regularly publishes peer-reviewed international journal in five series, namely, Series A, Series B, Series C, Series D and Series E covering fifteen engineering disciplines.

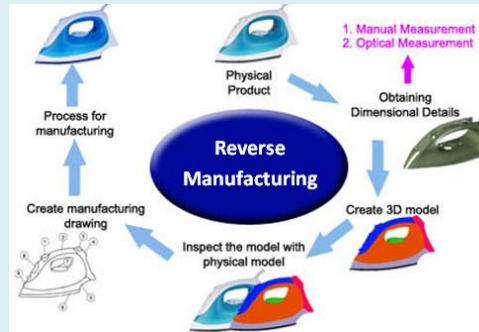
INTRODUCTION

An intensive seminar on **Reverse Manufacturing** will be offered from August 24-25, 2019, under the Continuing Education Programme of I.I.T. Kanpur. It is sponsored by The Institution of Engineers (India), Kolkata, West Bengal. The seminar is designed to cater the needs of teachers, scientists, students from R & D houses and Labs, and practicing engineers from industries. This programme will be specifically useful for persons who are concerned with training / teaching, research, and industrial applications of reverse manufacturing, manufacturing of complex parts, CAD for reverse manufacturing, bio- reverse manufacturing, modelling, to name a few.

OBJECTIVE

In today's intensely competitive global market, product enterprises are constantly seeking new ways to shorten lead times for new product developments that meet all customer expectations.

In general, product enterprise has invested in CAD and CAM, rapid prototyping, and a range of new technologies that provide business benefits. Reverse Manufacturing (RM) is now considered one of the technologies that provide business benefits in shortening the product development cycle.



In Figure depicts how RM allows the possibilities of closing the loop between what is "as designed" and what is "actually manufactured".

THEMES

- Introduction to Reverse Manufacturing
- CAD and CMM for Reverse Manufacturing
- Material Science Aspects in Reverse Manufacturing
- Various Reverse Manufacturing Processes
- Modelling in Reverse Manufacturing
- Applications of Reverse Manufacturing

ELIGIBILITY

FOR COLLEGE TEACHERS ONLY

The applications of the teachers from the accredited colleges should reach the course coordinator latest by 20th August, 2019 giving the information as shown in the Proforma with DD. The candidate should have minimum qualification as B.E. / B.Tech. / B.Sc. (Engineering). However, candidates with M.E. / M.Tech. / M.Sc. (Engineering) will be given preference. The candidates with Ph.D. degree with manufacturing specialization are most welcome, and will be given highest priority.

FOR PARTICIPANTS FROM INDUSTRIES AND R & D LABS

Private and public sector industries, R & D Labs, teaching Institutions and other organizations are welcome to depute their executives, managers, teachers and engineers to participate in the course. The sponsoring organizations are required to pay a registration fee per participant. The participants will have to make their own arrangements to meet their travel and other expenses. Applications on a separate sheet giving the information shown in the proforma should reach the Organizing Secretary latest by 16th August, 2019 with DD.

IMPORTANT DATES

- Receipt of Abstract July 20, 2019
- Acceptance of Abstract July 25, 2019
- Receipt of Full Paper August 16, 2019
- Acceptance of Full Paper August 20, 2019

The full paper may also be submitted directly (without submitting abstract by 16th Aug. 2019. Format for paper is available at www.ieikanpur.org.

REGISTRATION FEE

The registration fee for the programme is:

1. **Rs. 1000/-** for Students (**Rs.500/-** for IE(I) Students),
2. **Rs. 2000/-** for Faculty Member (**Rs.1250/-** for IE(I) Corporate Members),
3. **Rs. 5000/-** for R & D, Industries and other Participates

(cash or DD in favour of "The Institution of Engineers (India), Kanpur Local Centre" payable at Kanpur) per participant. This fee includes the cost of registration kit and proceedings / course material. **No TA will be paid to the participants by the organizers** of the Seminar. A certificate for participation in the said program will also be given to all the delegates.

SUBMISSION OF ABSTRACT

Abstract should be submitted through email to kanpurlc@ieindia.org/jrkumar@iitk.ac.in/viana29@rediffmail.com or by post to the Organizing Secretary of the seminar in English as Microsoft word document, Times New Roman, 12 font size, by July 20, 2019. Details to be included are Authors name and affiliation along with contact address, email, phone no.

HOW TO REACH SEMINAR VENUE

Kanpur is well connected through Rail, Road and Air link. IIT Kanpur is located on Delhi-Kolkata GT Road about 16 Kms from Kanpur Central Railway Station. Taxi and Auto services are available from the railway station on hire. The nearest airport is in Lucknow (90 KM). Direct Taxi from Lucknow Airport to IIT Campus are available on hire.

ADDRESS FOR CORRESPONDENCE

Er. Vivek Asthana, MIE (Organizing Secretary)

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