

## Sponsorship

The event can be sponsored by donating Rs.10,000/-. The sponsorship entitles mention in the souvenir, free registration for three delegates

## Souvenir

A souvenir will be brought out on this occasion. It will contain the abstracts of the papers and advertisements. The tariff for advertisements in the souvenir is as below:

Back Cover	Rs.8,000/-
Inside Cover Pages	Rs.6,000/-
Full Page	Rs.5,000/-
Half Page	Rs.3,000/-

## Registration Charges

Category	Fees (Rs.)
SFA Members & Faculty	500
Participants from Industries & Non-Members	1500
Student Participants	Nil

Payment may be made through DD / Cheque drawn in favor of 'R&D PHCET.

## RTGS / NEFT / IFSC Code Details:

Name of the Account Holder: **PHCET Research and Development Account**

Name of the bank: **CANARA BANK**

Branch: Khaire, Patalganga

Account No. **52142200111189**

RTGS / NEFT / IFSC Code: **CNRB0015214**

## Participation

Persons desirous of participating in the workshop are requested to kindly provide details provided in the accompanying form and send the same to the Convener.

## Patrons

Dr. K.M. Vasudevan Pillai, Chairman & CEO, MES  
Dr. Rajkumar Kasilingam, Director IRMRA Mumbai  
Mr. T.S. Kathayat, President & COO, Welspun Corp. Ltd.  
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Dr. Prakash Trivedi, Gharda Chemicals, Mumbai  
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## Local Organizing Committee

Dr. G.V.Patil, HOD, Mech Engg, PHCET Rasayani  
Dr. Ashok Kanthe, HOD, Computer Engg. PHCET Rasayani  
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Mr. Sunil Singh Rajput, AP Mech. Engg. PHCET Rasayani  
Mr. P.J. Mhatre, AP Electronics & Telecom PHCET Rasayani

## Address for Correspondence :

**Dr. R.C. Prasad**

Convener & Vice Chairman SFA Mumbai Chapter

Retd. Professor IIT Bombay & Professor

Department of Mechanical Engineering, PHCET Rasayani

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## ONLINE ONE DAY NATIONAL WORKSHOP

On

## “Recycling Metals, Plastics & Scrap

## Tyres : Circular Economy Road

## map to Build a Green India”

**21 June, 2021**

*Organized by*



*SFA Mumbai Chapter*



*PHCET Rasayani*

*Supported by*



*IRMRA, Thane*



*MRAI*



## Invitation

The Incubation, Innovation & Entrepreneurship Cell of the Mahatma Education Society's PHCET Rasayani is inviting you to attend the online National Workshop that is being organized in association with SFA Mumbai Chapter, MRAI, IRMRA & ASM International India Chapter on " **Recycling Metals, Plastics & Scrap Tyres : Circular Economy Road to Build Green India**" on **June 21, 2021**

## About the Workshop

India with 1.3 b population is undergoing rapid urbanization and modernization. This has resulted in release of large amount of metallic, plastic & scrap tyres that are littered all around. Plastics & tyres have long end life and degrade very slowly due to long carbon bond in polymer chain. It takes hundreds of year to decompose. According to WEF-2016, there will be more plastics in ocean than fishes by 2050, if there are no interventions. Micro plastic in fishes can endanger our health. It is estimated that nearly 1 million PET bottles are wasted every minute. The current COVID 19 Pandemic has also resulted in increased consumption of plastics and pollution of environment. According to WLF if only 1% masks are incorrectly disposed then nearly 10 million masks per month are going to environmental pollution. Our current waste management approach does not appear to be holistic, as it does not consider the entire chain starting from design to product development and waste management. Today landfills are considered one the easiest ways for the disposal of metallic, plastics and scrap tyres. However, we need to develop a sustainable holistic waste management and low carbon planning in cities to adopt circular economy and convert waste to wealth. Indian industries are mandated to follow EPR strategies for sustainable waste management and give a new life to wastes through holistic life cycle management.

## Workshop Objectives

In the light of above and the worldwide interest, the SFA Mumbai Chapter and the Mahatma Education Society's PHCET Rasayani is organizing this one day National workshop on "**Recycling Metals, Plastics & Scrap Tyres : Circular Economy Road map to Build Green India**" to bring all the stake holders on one platform to sensitize and share knowledge about circular economy, increase public awareness, adopt sustainable behavior, know challenges and opportunities in waste management and use of recycled plastics in advanced manufacturing processes like additive manufacturing.

## Tentative topics to be covered:

- **Overview of recycling of metals, plastics & scrap tyres**
- **Challenges & opportunities in solid WM**
- **Current approaches & scope for WM in India**
- **Role of academia, industries & research establishments to meet the challenges of WM**
- **Development of sustainable holistic waste management for circular economy in Indian context**
- **Design thinking for adopting Circular economy initiatives in India**
- **Urban Environment management: Low carbon planning for smart cities & give second life to waste-**
- **Task force for creating a road map to create clean and green India**

## REGISTRATION FORM

**Online One Day National Workshop on**

**" Recycling Metals, Plastics & Scrap Tyres : Circular Economy Road map to Build Green India "**

*June 21, 2021*

NAME (PRINT):

DESIGNATION :

ORGANISATION :

MAILING ADDRESS :

TEL: \_\_\_\_\_ (O) \_\_\_\_\_ (R)

FAX: \_\_\_\_\_ MOBILE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Bank Details for Payment towards sponsorship / participation DD / Cheque No. \_\_\_\_\_ drawn in favor of 'PHCET Research & Development Account' are given below .

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**Date:**

**Signature**