



2nd - One Day Workshop
on

Hydrogen and Fuel Cell for Sustainable Future

Agenda

Date : 18th October 2019

Venue : IITMRP Auditorium, E-Block, IITM Research Park, Taramani, Chennai

09.00 – 10.00 Registration

10.00 – 11.00 Inauguration

10.00 – 10.15 Welcome address

Dr. G. Padmanabham

Director, ARCI

10.15 – 10.20 Workshop introduction

Dr. R. Gopalan

Regional Director, ARCI

10.20 – 10.40 Chief Guest

Prof. Bhaskar Ramamurthi

Director, IIT Madras, Chennai

10.40 -10.50 Guest of Honour

Prof. G. Sundararajan

Former Director & Distinguished Emeritus Scientist, ARCI

Dr. P.C. Maithani

Advisor, Ministry of New & Renewable Energy (MNRE)

10.50 – 11.00 Vote of Thanks

Dr. N. Rajalakshmi

Team Leader, CFCT-ARCI

11.00 – 11.15 High Tea

Invited Talk – Session I - Chairperson Dr. N. Rajalakshmi

11.15-11.45	Dr. R.R. Sonde <i>Executive Vice President, (Research, Technology & Innovation Centre) and Member on Board of Executive Council, Thermax, Pune</i> Title: Towards hydrogen economy: why is it so critical to meet triple objectives of India's energy security, India's climate change obligations and finally building India's core technology base
11.45-12.15	Dr. Sreenivas Jayanti <i>Professor, Dept. of Chemical Engineering, IIT Madras, Chennai</i> Title: Engineering aspects and challenges for on-board ethanol reforming for fuel cell vehicles
12.15-12.45	Dr. D. Parvatalu <i>Domain Expert, Hydrogen Program, ONGC Energy Centre, IEOT, Panvel</i> Title: Hydrogen development program at ONGC energy centre
12.45-13.15	Mr. Nobuhisa Masuda <i>Chief of Operations, L&T-Chiyoda Limited, Gujarat</i> Title: Approach towards commercialization of LOHC (Liquid Organic Hydrogen Carrier)

13.15-14.00 Lunch

Invited Talk – Session II - Chairperson Dr. Nobuhisa Masuda

14.00-14.30	Mr. Shirish Garud <i>Senior Fellow, Renewable energy technologies, TERI, New Delhi</i> Title: Hydrogen for sustainable development
14.30-15.00	Dr. Vasu Gollangi <i>Manager, BHEL Corporate R&D division, Hyderabad</i> Title: An overview of fuel cell system development and way forward for e-mobility applications
15.00-15.30	Dr. Rajendra Nath Basu <i>Chief Scientist & Head, Fuel Cell & Battery Division, CGCRI Kolkata</i> Title: Technology development status of indigenous solid oxide fuel cell

15.30-15.45 High Tea

Invited Talk – Session III - Chairperson Dr. K. Ramya

15.45-16.15	Dr. Sushil S. Ramdasi <i>Deputy Director, Power Train Engineering, ARAI, Pune</i> Title: Challenges and opportunities in indigenization of PEM and SOFC technology from Indian perspectives
16.15-16.45	Dr. S. Ravichandran <i>Principal Scientist, CSIR-CECRI, Karaikudi</i> Title: Design of electrodes and electrolytes for hydrogen generation via electrochemical and photo electrochemical methods

16.45-17.00 Award /Felicitation / Concluding remarks

17.00-17.30 Lab Visit & Demonstration