



About Indian Institute of Metals

The Indian Institute of Metals (IIM) is a premier organization representing materials and metallurgical engineers in India. Founded in 1946 by a group of metallurgists led by Dr. D.P. Antia, IIM is the largest professional organization for metallurgists in India with over 10,000 members from R&D laboratories, academia and industry.

The two main objectives of IIM are: promoting and advancing the science and technology of metals and alloys and protecting the interests of metallurgists and metallurgical industry. Established in 1947, IIM Pune Chapter (www.iimpc.com) has been actively engaged in organizing important professional events for the benefit of metallurgical fraternity in and around Pune.

In addition to various national level activities, IIM Pune Chapter in collaboration with IIM, Mumbai, IIM Baroda IIM, Nagpur Chapters and College of Engineering, Pune (COEP) had hosted the 53 National Metallurgists Day (NMD) and the 68th Annual Technical Meeting (ATM) of the Indian Institute of Metals from 12-15 November 2014 on the College of Engineering, Pune Campus. IIM Pune chapter was also the co-organizer of the 54th NMD-70th ATM, organized by IIM, Mumbai and IIM, Goa chapters on BITS, Pilani (Goa Campus) in November 2017.

www.iimpc.com

RSVP:

Dr. N B Dhokey

Honorary Secretary

Dr. Dara Antia Memorial Lecture Committee

Department of Metallurgy and Materials Science

College of Engineering, Shivajinagar

Pune 411005

nbdhokey@yahoo.co.in

[020-25507262](tel:020-25507262) / [9422057442](tel:9422057442)



IIM

Metallurgy
Materials Engineering

THE INDIAN INSTITUTE OF METALS

Pune Chapter

Cordially invites you to

Dr. Dara P. Antia Memorial Lecture

Aligning recycling and manufacturing - SMaRT technologies and MICROfactories™ creating sustainable materials and products from waste

By

Professor Veena Sahajwalla

FAA FTSE HonFIEAust CPEng

2022 Australian of the Year for New South Wales
ARC LAUREATE FELLOW, DIRECTOR, ARC Micro

recycling Research Hub.

HUB LEADER, Sustainable Communities and Waste Hub,
National Environmental Science Program

DIRECTOR, Centre for Sustainable Materials Research &
Technology

School of Materials Science & Engineering
UNSW Sydney NSW 2052, Australia.

Date and Time:

Friday, December 17, 2021

12:00 Noon (IST) (Mumbai, GMT+05:30)

Event details for attendees:

[click here to join](#)

Event Number: 2512 515 3386

Event Password: dkeu@4729

We request you to   during the talk

N B Dhokey

Secretary

T V Narendran

Chairman

Dr Dara P Antia Memorial Lecture Committee



Dr. Dara P. Antia Memorial Lecture Series

As a tribute to Dr. Dara P Antia (1914-1999) for his outstanding contributions and dynamic leadership in advancing technical education, engineering profession, and Technology management, this Lecture Series has

been instituted by the Indian Institute of Metals (IIM) in the year 2006. The previous Dara P Antia distinguished lecturers include Dr. APJ Abdul Kalam, the then President of India, Professor T B Massalski, Professor V. Raghavan, Professor Subra Suresh, Dr. JJ Irani, Professor P. Rama Rao, Professor E C Subbarao, Dr. Baba Kalyani, Professor CNR Rao, Dr. Srikumar Banerjee, Professor Harry Bhadeshia, Dr T Mukherjee Dr. Sanak Mishra and Prof. D. Sadoway.

Dr. Antia was the doyen of the metallurgical fraternity and the founding secretary of IIM. Born on May 31, 1914, Dara Antia studied metallurgy at the Banaras Hindu University (1934-38) and was the first Indian to receive his Sc.D. in metallurgy from MIT, USA in 1943. He had an illustrious career spanning almost five decades serving private industry (Indian Aluminum Company and Union Carbide), several important government departments, as well as the board of several companies. Dr. Antia was the founder of Journal of Alloy Phase Diagrams, which is currently being published as "Journal of Phase Equilibria and Diffusion" by ASM International, USA. Dr. Antia was an elected fellow of Indian National Science Academy (INSA) and Indian National Academy of Engineering (INAE). He was the recipient of INAE 'Lifetime Contribution Award' in 1998. Dr. Antia passed away in Pune on May 24, 1999.



Distinguished Speaker Professor Veena Sahajwalla

She is an internationally recognized Materials Scientist, Engineer and inventor revolutionizing recycling science. She is renowned for pioneering the high temperature transformation of

waste in the production of a new generation of 'green materials' at the UNSW Sustainable Materials Research and Technology (SMaRT) Centre, where she is Founding Director. Professor Veena is the Inventor of polymer injection technology, known as green steel, an eco-friendly process for using recycled tyres in steel production. In 2018, Veena launched the world's first e-waste MICROfactorie™ and in 2019 she launched her plastics and Green Ceramics MICROfactories™, a recycling technology breakthrough.

Veena is the director of the ARC Industrial Transformation Research Hub for 'microrecycling', a leading national research centre that works in collaboration with industry to ensure new recycling science is translated into real world environmental and economic benefits. Professor Veena has also been appointed hub leader of the national NESP Sustainable Communities and Waste Hub. In 2021, Professor Veena featured in the ABC's Australian Story and won the 2022 Australian of the Year Awards for New South Wales.

<http://www.smart.unsw.edu.au/>