



THE INDIAN INSTITUTE OF METALS

Pune Chapter

Cordially invites you to

18th Dr. Dara P. Antia Memorial Lecture

Innovations Across the Critical Minerals Value Chain - Challenges and Opportunities for India

By

DR. PRADIP

Former Head, Process Engineering Innovation Lab,
Tata R&D Design Centre (TRDDC), A Division of TATA Consultancy Services (TCS), Pune

Venue

Kirloskar Auditorium
BHAU Institute of Innovation and Leadership
North Campus,
COEP Technological University
(Formerly College of Engineering Pune),
Shivajinagar, Pune, 411005

Date and Time

Thursday
September 17th, 2026
15:30 (IST)

About the 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 53rd National Metallurgists Day (NMD) and the 68 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-70 ATM, organized by IIM, Mumbai and IIM, Goa chapters on BITS, Pilani (Goa Campus) in November 2017.

www.iimpc.in

Dr. N B Dhokey
Secretary

Dr. Samir V Kamat
Chairman

Dr. Dara P. Antia Memorial Lecture Committee



Dr. Dara P. Antia

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. Dr. Antia was the doyen of the metallurgical fraternity and the founding secretary of IIM. Born on May 31st, 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 on 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. [Bio-Sketch of Dr Dara P Antia](#)

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, Prof. D. Sadoway, Prof. Veena Sahajwalla, Prof P. Ajayan., and Prof Mudali.

Distinguished Speaker



Dr. PRADIP

An alumnus of the Indian Institute of Technology, Kanpur (BTech, 1970-75) and the University of California at Berkeley (MS, 1977 and PhD, 1981), Pradip joined the Tata Research Development and Design Centre (TRDDC), A division of TCS, in 1984 after serving BARC, soon after his return from the US in early 1981. He served TRDDC for more than 3 decades, including as the Chief Scientist and the Head of Process Engineering Innovation Lab (2007- 2016).

His main areas of research include rare earth minerals flotation, particle science & technology, mineral processing and extractive metallurgy, nanotechnology, design and development of performance chemicals based on molecular modelling, applied surface and colloid chemistry, mathematical modelling & simulation of particulate processing systems, integrated computational materials engineering, colloidal processing of advanced ceramics, waste recycling, cement chemistry and manufacturing of eco-cements.

With more than 200 research publications and 21 patents to his credit, Pradip has made significant contributions to mineral processing, extractive metallurgy, particle science, and advanced materials. He is the recipient of numerous prestigious national and international honours, including the KONA Distinguished Service Award, SME Taggart Award, VASVIK Award, National Metallurgist Award, Hindustan Zinc Gold Medal (IIM), MRSI Medal, and the Mineral Beneficiation Award (IIME). He has served the Indian Institute of Metals (IIM) in several capacities, including as Secretary and, later, as Chairman of the IIM Pune Chapter. He is an elected Fellow of several academies in India and abroad. He has also served as Vice President of the Indian National Academy of Engineering (INAE, 2018–2020), and as a member of the editorial boards of several leading international journals. He has organized several prestigious international conferences, including the International Mineral Processing Congress (IMPC-2012) and Asian Particle Technology (APT 2009).

RSVP:

Dr. N B Dhokey

Honorary Secretary

Dr. Dara Antia Memorial Lecture Committee

Department of Metallurgy and Materials Engineering

COEP Technological University

(Formerly College of Engineering Pune)

Shivajinagar, Pune 411005

nbdhokey@yahoo.co.in

020-25507804/ 9422057442

**Free
Registration**

[click here](#)