

THE INDIAN INSTITUTE OF METALS

Pune Chapter

Cordially invites you to

17th Dr. Dara P. Antia Memorial Lecture

Perspectives and Pathways for India towards Critical Materials

By

Prof. U. KAMACHI MUDALI

Vice Chancellor,

Homi Bhabha National Institute (HBNI),
Department of Atomic Energy (DAE), Mumbai

Venue

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

Date and Time

Friday
November 7th, 2025
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 53 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 54 NMD-70 ATM, organized by IIM, Mumbai and IIM, Goa chapters on BITS, Pilani (Goa Campus) in November 2017.

www.iimpc.in

Dr. Samir V Kamat
Chairman

Dr. N B Dhokey
Secretary

Dr. Dara P. Antia Memorial Lecture Committee

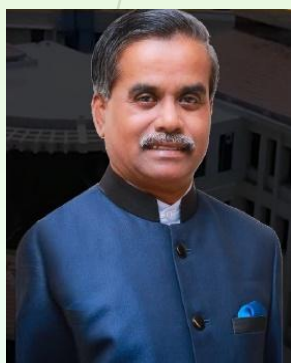


Dr. Dara P. Antia

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. 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 and Prof P. Ajayan. 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. [Bio-Sketch of Dr Dara P Antia](#)



Dr. U.Kamachi Mudali

Distinguished Speaker

Prof. U. Kamachi Mudali, Vice Chancellor of Homi Bhabha National Institute (HBNI), Department of Atomic Energy, Mumbai is a globally renowned researcher and academician in the field of Advanced Materials & Coatings, Corrosion Science, Technology and Engineering & Surface Engineering. A Distinguished Alumnus of both IIT Bombay & PSG College of Technology, Coimbatore, he joined the Department of Atomic Energy at the Indira Gandhi Centre for Atomic Research, Kalpakkam in 1984. He was at IGCAR, Kalpakkam till 2017 and lastly as Director, Materials Chemistry and Metal Fuel Cycle, and superannuated as Distinguished Scientist, Chairman & Chief Executive of Heavy Water Board, Mumbai, a flagship industrial unit of DAE in 2020. Subsequently he was Honorary Professor of Practice at IIT Madras (2021-22), and Vice Chancellor of VIT Bhopal University (2021-23).

Dr. Mudali is a distinguished materials scientist with 477 research papers, 25 edited books, 5 patents, and over 14,700 citations (h-index 58). His research has significantly benefited chemical, nuclear, and allied industries, solving critical corrosion and materials challenges. He has guided 162 UG/PG/PhD students and led 21 industry-academia R&D projects at IGCAR, Kalpakkam.

Recognized among the World's Top 2% Scientists in Materials, Dr. Mudali has received numerous honours, including the Life Time Achievement Award (Ministry of Steel, Govt. of India), GD Birla Gold and Platinum Medals (IIM), Homi Bhabha Science & Technology Award (DAE), and Metallurgist of the Year Award. He served as President of the Indian Institute of Metals (2019-20) and Trustee of ASM International, USA (2021-24), and is a Fellow of over 10 Indian & global professional bodies. Currently Chief Editor of the Journal of Electrochemical Society of India and Editor-in-Chief of the IIM-Springer Book Series, he has also chaired CII's Corrosion Management Committee, training 4000+ corrosion managers and conducting extensive industrial audits. Dr. Mudali was a Visiting Scientist and had visited the USA, Germany, Russia, France, UK, Japan, China, Malaysia, Israel, Bulgaria, Canada, and Singapore.

RSVP:

Dr. N B Dhokey

Honorary Secretary

Dr. Dara Antia Memorial Lecture Committee

Department of Metallurgy and Materials Engineering.

COEP Technological University

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**Free
Registration**

[click here](#)

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