

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 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.com

RSVP:

Dr. N B Dhokey

Honorary Secretary

Dr. Dara Antia Memorial Lecture Committee

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IIM

Metallurgy
Materials Engineering

THE INDIAN INSTITUTE OF METALS

Pune Chapter

Cordially invites you to

Dr. Dara P. Antia Memorial Lecture

“Nanoengineered Materials Challenges and Opportunities”

By

Prof. Pulickel M. Ajayan

Rice University, Materials Sci.
and Nano Engineering
Department, Houston, TX, USA

Date and Time:

Thursday, November 2nd, 2023
17:00 Noon (IST)

Venue:

Mini Auditorium, North Campus
COEP Technological University
(Formerly College of Engineering Pune),
Shivajinagar, Pune, 411005



N B Dhokey
Secretary

T V Narendran
Chairman

Dr Dara P Antia Memorial Lecture Committee

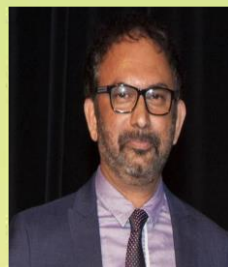


Dr. Dara P. Antia Memorial Lecture Series

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, Prof. D. Sadoway, and Prof. Veena Sahajwalla.

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 Prof. Pulickel M. Ajayan

Prof. Pulickel M. Ajayan is a pioneer in the area of nanotechnology. He has published more than 1300 journal papers earning more than 200,000 citations and h-index of 215 (by google scholar).

His work covers diverse areas of nanomaterials including nanoparticles, nanotubes, diamond, 2D materials, nanocomposite, energy storage materials and 3D printing. He is the Benjamin M. and Mary Greenwood Anderson professor of Engineering at Rice University and the founding chair of the department of Materials Science and Nano Engineering. He is the recipient of several awards such as the Spiers memorial award, MRS medal, Alexander von Humboldt-Helmoltz senior award, and lifetime nanotechnology award from the Houston Technology Center. He received Docteur Honoris Causa from the Universite Catholique de Louvain and distinguished alumni recognition from his Alma Mater Banaras Hindu University and the Materials Science department at Northwestern University.

He has completed his B. Tech. in Metallurgical Engineering from Banaras Hindu University, India and Ph.D. in Northwestern University, Evanston. He was associated with Fundamental Research Laboratory, NEC Corporation, Tsukuba, Japan, Laboratoire de Physique des Solides, Universite Paris-Sud, Orsay, France, Max-Planck-Institut fur Metallforschung, Stuttgart, Germany. He was Henry Burlage Chair Professor in Engineering at Rensselaer Polytechnic Institute, Materials Sci. and Engineering Department, Troy, NY.

His research is funded through federal agencies (NSF, DoD, DOE) and several Industrial sponsors. He maintains a research group of around 30-40 members and has many collaborations and is distinguished visiting professor at several Institutions around the world.