



**Dr. Pradip**

**NATIONAL ACADEMY OF ENGINEERING ELECTS  
66 MEMBERS AND 10 FOREIGN ASSOCIATES**

WASHINGTON — The National Academy of Engineering (NAE) has elected 66 new members and 10 foreign associates, announced NAE President Charles M. Vest today. This brings the total U.S. membership to 2,254 and the number of foreign associates to 206.

One of our members, Pradip, currently the Chief Scientist and Head of the Process Engineering Innovation Lab has been elected the foreign associate of the National Academy of Engineering, USA this year.

Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Academy membership honors those who have made outstanding contributions to "engineering research, practice, or education, including, where appropriate, significant contributions to the engineering literature," and to the "pioneering of new and developing fields of technology, making major advancements in traditional fields of engineering, or developing/implementing innovative approaches to engineering education."

Pradip, currently the Chief Scientist and the Head of Process Engineering Innovation Lab at Tata Research Development & Design Centre (TRDDC), Pune, received his B.Tech in Metallurgical Engineering from IIT, Kanpur in 1975 and M.S. & Ph.D. in Materials Science and Mineral Engineering from University of California at Berkeley in 1977 and 1981 respectively. He spent three years as a scientific officer at Bhabha Atomic Research Centre (BARC) before joining TRDDC in 1984. His main areas of research include particle science & technology, mineral processing, nanotechnology, design and

development of performance chemicals based on molecular modeling, applied surface and colloid chemistry, mathematical modeling & simulation of particulate processing systems, colloidal processing of advanced ceramics, waste recycling and cement chemistry.

With more than 175 publications and fifteen patents to his credit, Pradip is the recipient of several honors including VASVIK Award for outstanding contributions to industrial research, National Metallurgist Award and Hindustan Zinc Gold Medal from Indian Institute of Metals (IIM), Materials Research Society of India (MRSI) Medal, IIME Mineral Beneficiation Award and Kuczynski Prize of International Institute of Science of Sintering (IISS). He has also served as the Vice President (2004-2005) and President (2006 -2008) of Indian Institute of Mineral Engineers (IIME).

Pradip is elected Fellow of Indian National Academy of Engineering (FNAE), Fellow, Indian Institute of Metals (FIIM) and Fellow, Institute of Materials, Minerals and Mining (FIMMM), UK. He has been elected as the foreign associate of the National Academy of Engineering, USA in 2012.

Pradip is member of the editorial board of several journals including International Journal of Mineral Processing, Transactions, Indian Institute of Metals, Journal of Resources Processing Society of Japan and KONA, Japan. He has edited several special issues of international journals on topics of contemporary research interest, the most recent one on Advances in Particle Technology, a special issue of Advances in Powder Technology, published by Elsevier in December 2010.

Pradip has organized several international conferences on topics related to mineral processing and particle science and technology, the latest being the prestigious 4<sup>th</sup> Asian Particle Technology Symposium (APT 2009) held in New Delhi during September 14-16, 2009. He is the President of the XXVI International Mineral Processing Congress (IMPC), the most prestigious international mega-event in the field, to be held in New Delhi, India in September 24-28, 2012.