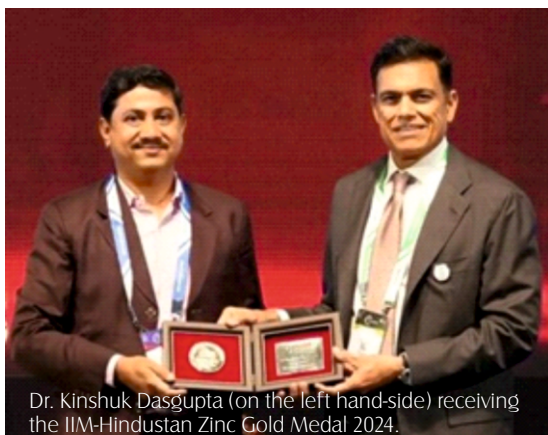


BARC Scientists Honoured



Dr. Kinshuk Dasgupta (on the left hand-side) receiving the IIM-Hindustan Zinc Gold Medal 2024.

Dr. Kinshuk Dasgupta, Scientific Officer and Head, Advanced Carbon Materials Section, Glass & Advanced Material Division, Materials Group, Bhabha Atomic Research Centre and Professor, Homi Bhabha National Institute, has been awarded the IIM-Hindustan Zinc Gold Medal 2024 in recognition of his significant contributions to Non-Ferrous Metallurgical Industries. Dr. Dasgupta was also conferred with the Indian Institute of Chemical Engineers' Herdillia Award 2024 for Excellence in Basic Research in Chemical Engineering, especially for his pioneering research in the field of carbon materials.

Dr. Dasgupta joined BARC as a Scientific Officer after completing his Bachelors in Engineering (Metallurgy and Materials Science) from Jadavpur University, Kolkata. He completed his PhD in Chemical Engineering from the Institute of Chemical Technology, Mumbai. He visited University of Cincinnati, USA as a Fulbright visiting scholar during 2018-19. Dr. Dasgupta's research interest includes carbon materials, composites and coatings. He has published more than 140 research papers in international journals, 90 conference papers, 3 book chapters and 3 patents. He has transferred several technologies to the industries. Dr. Dasgupta has delivered many invited lectures.

Dr. Kinshuk Dasgupta has received many awards, including the most coveted Shanti Swarup Bhatnagar Prize in Engineering Sciences in 2020. The Ministry of Steel, Govt. of India, bestowed upon him 'Young Metallurgist of the Year' in 2007. Further he received 'Young Engineer Award' in 2012 and 'Scientific and Technical Excellence Award' in 2017 from Department of Atomic Energy, "N. J. Suchak Innovation Award 2019", "Distinguished Alumnus Award 2022" from the Institute of Chemical Technology, and "VASVIK Industrial Research Award" in 2020.



Shri Amit Kaushal (centre) receiving honors from the office bearers of the Indian Institute of Chemical Engineers (IICChE).

Shri Amit Kaushal, Scientific Officer, Advanced Carbon Materials Section, G&AMD, Materials Group, BARC has been awarded the Amar Dye-Chem Award 2024 for Excellence in Basic Research and Development in Chemical Engineering, instituted by the Indian Institute of Chemical Engineers (IICChE). The award recognises Shri Kaushal for developing high-performance carbon nanotube fibres by floating catalyst chemical vapour deposition method.

Shri Kaushal began his career in BARC after earning a Bachelor's degree in Chemical Engineering from BIT Sindri, Dhanbad, Jharkhand. Further, he pursued Masters in Chemical Engineering from the Homi Bhabha National Institute, Mumbai and is currently pursuing his PhD from the same institute. His research focuses on chemical process development and intensification with a strong emphasis on carbon nanomaterials. Among his significant achievements, Shri Kaushal has successfully transferred two key technologies to industry-Flexible and Freestanding CNT Sheets, and Bulk Production of CNT Powder. He has over 18 research papers published in reputed international journals. Additionally, he has received multiple best presentation awards at prominent conferences.