

BARC Scientist Elected Fellow of National Academy of Sciences, India (NASI)



Dr. Sukhendu Nath, Scientific Officer/H and Head, Ultrafast Spectroscopy Section, Radiation and Photochemistry Division, has been elected as a Fellow of the prestigious National Academy of Sciences, India (NASI) for his pioneering contribution to the indigenous development of femtosecond two-dimensional infrared (2DIR) spectrometer, which is a first-of-its-kind in India. Dr. Nath is recognized internationally for his outstanding contribution to the area of ultrafast dynamics in molecular systems and the development of amyloid sensors. His recent contribution is unraveling the mechanism of photocatalysts for green hydrogen generation and reduction of CO₂ to useful chemicals. Recently, he has developed a tabletop setup for the generation and reaction of ultrashort electron pulse by multiphoton ionization process. Dr. Nath is also the recipient of the prestigious INSA Young Scientist Award, the Distinguished Lectureship Award by the Chemical Society of Japan and the DAE Science and Technology Excellence Award.