

Obituary

Prof. Surjya Kumar Maiti



(July 29, 1948- December 2, 2021)

Prof Surjya Kumar Maiti, Visiting Professor, Mechanical Engineering Dept., IIT Bhilai, and former Professor, Mechanical Engineering Department, Indian Institute of Technology, Bombay Mumbai was born on July 29, 1948 and passed away on December 2, 2021. He had more than thirty-five years of teaching and research experience and had published nearly 100 papers in national and international journals. He received his B.E. (Mech) from Burdwan University in 1970; MSc from Birmingham University in 1973 and PhD from the Indian Institute of Technology, Bombay, and worked as postdoctoral assistant at the University of Cambridge for two years (1981–1983). He had authored a book on ‘Fracture Mechanics: Fundamentals and Applications’, Cambridge University Press 2015. He had made significant research contributions in the areas of Fracture Mechanics covering Stable and unstable crack growth, crack arresters, computational fracture mechanics, crack-crack interactions, residual stress effects, interface cracks in bimetals, and nondestructive detection of cracks; Finite element methods covering Elastic-plastic stress analysis, kinked crack problems, analysis of crack-stiffened panels, multiple points singularity elements, and thermal stress analysis and Boundary element methods covering Stress and vibration analysis.

Prof Maiti received several awards and honours including Fellowship of INAE and National Academy of Science of India; G.K. Devarajulu Chair Professorship in Mechanical Engg., Fellowship of American Society of Mechanical Engineers; Excellence in Teaching Award 2006, IIT Bombay; Fellowship of Institution of Engineers (India); Membership of ASME and was Member, Queens’ College, Cambridge University and Royal Society Commonwealth Bursary for Postdoctoral Research.

May God bless his soul to Rest in Peace.