

Obituary

Prof. AB Bhattacharyya



(December 19, 1937- 27th June 2025)

Prof. AB Bhattacharyya, FNAE born on December 19, 1937 passed away on June 27, 2025. He was elected to INAE Fellowship in the year 1987 and affiliated to Engineering Section VI (Electronics and Communication Engineering).

Prof AB Bhattacharyya, formerly Professor, Centre for Applied Research in Electronics (CARE), Indian Institute of Technology Delhi; formerly Programme Director, VLSI Design, Department of Physics, Goa University; formerly Emeritus Professor, Jaypee Institute of Information Technology, Noida and formerly Chairman, Board of Governors, NIT Durgapur had made outstanding research contributions in the area of Microelectronics, VLSI Design: Micropower Analog CMOS, MEMS & Sensors and MOSFET Compact Model. Prof Bhattacharyya was a Founder Fellow of INAE and Member of the first INAE Governing Council. Some of his seminal research in the field of electronics include programmes on Sixteen bit Submicron Gap Charge Coupled Devices based on extensive Si-SiO₂ technology research; Area Variable MOS Capacitors for voltage programmable CCD analog signal processing; Partially Illuminated Surface Acoustic Wave Devices for band pass filtering; CMOS micro power Inside – the – Ear Hearing Aids and Micro-scale Non-destructive characterization of silicon microstructures and properties with Mirage and optical probes. He was a recipient of several prestigious awards and honours including Hari Om Vikram Sarabhai Award (1980); Bhasin Award (1984); Khosla National Award (1986); Prof S.N. Mitra Memorial Award (2005) by INAE and Indian Semiconductor Association (ISA) Techno Visionary Award (2009)

May God bless his soul to rest in peace