

Kavi Arya, D.Phil.(Oxon.)
Brief Bio-data



Dr. Kavi Arya is Professor of Computer Science & Engineering at the Indian Institute of Technology (Bombay). He did his **B.Sc.(Hons.)** in Computing Science from Imperial College of Science & Technology (UK) in 1983 and **M.Sc.(Hons.)/D.Phil.** in Computation from University of Oxford in 1984. In 1988 he worked at IBM's T.J. Watson Research Labs (Yorktown Heights, NY/U.S.A.) with the Animation Workstations Group before returning to India. In India, he worked as a Research Scientist with Tata Research Design and Development Centre (Pune) from 1992-94 and in various positions in industry before coming to IIT Bombay in 2000.

Prof. Arya is convener of the Embedded & Real time Systems Lab (ERTS). He is Principal Investigator of the e-Yantra Project, funded by NMEICT, popularizing "Project Based Learning" using robotics in engineering colleges. e-Yantra is setting up 1000 robotic labs throughout the country by 2021 and has presently established almost 300+ labs throughout India. These labs are the basis for setting up regional innovation hubs to encourage a startup culture in engineering colleges. e-Yantra runs a National Robotics Competition that teaches embedded systems and robotics in a scalable manner through a competition. This competition has been growing exponentially in its registrations since it was started in 2012 (4500, 6500, 12,500, 20,000, 22500 & 24000 registrations in 2017). The internship program for the (32+) students chosen from the finalists is a transformational experience highly sought after by young engineers.

Prof. Arya has developed products for agencies such as BARC and the Indian Army. He spent 2007 on sabbatical with Mahindra & Mahindra Ltd. as a Chief Technology Officer (CTO) to the VC & MD's office where he helped incorporate Sustainability into business strategy. He set up the Mahindra Sustainability Cell which prepared Mahindra's first Sustainability report in 2008. He is empanelled on high level committees by Technology Development Board (DST) and CDAC. He is member IT Advisory Committee of Metals and Commodity Exchange (MCX) Ltd. and member IT Advisory Committee of NABARD (National Bank for Agriculture & Rural Development). He is member of Rashtriya Uchasthar Shiksha Abhiyan (RUSA) Council (Maharashtra) and of the committee defining the Startup policy for Maharashtra State Universities.