

About: Dr. Vithal N. Kamat

Vithal Narasinha Kamat (born in Mumbai, India in 1963) received his Doctorate in 1996 in the field of Artificial Intelligence from the University of New Brunswick, Canada, where, as a Commonwealth Scholarship and Fellowship Student, he specialized in Learning Machines. He has a Master of Technology (1986) in Control and Instrumentation, (Elec. Eng.), from the Indian Institute of Technology (IIT), Mumbai, and worked on a defense project on anti-aircraft gun servo drives.. He received Bachelors Degree with Gold Medal in Electrical Engineering from Sardar Patel University, Gujarat, India in 1984.

Between 1986 to 1991, Kamat has served in the telecommunication R&D center of the Government of India - 'Centre of Development of Telematics', where he helped develop private, rural as well as metropolitan switching systems.

Kamat has also contributed to the power industry, where, as part of the Technical Committee set up by the Ministry of Power, Govt. of India, for the Accelerated Power Reform and Development Programme, he has contributed in strengthening the Indian Power Distribution network.

From 2003 to 2008, he also served as a Technical Consultant to NXP (formerly Philips) Semiconductors. During this period, as a proprietor of an R&D organization, 'Centre for Embedded Software Engineering Solutions', Vithal Udyognagar, Gujarat, he developed various embedded solutions based on 8051 and ARM architectures such as fuzzy washing machines, air-conditioners, capacitor discharge ignition (CDI) for two wheelers, for various customers of NXP. He also managed the technical help-desk of NXP in India.

Kamat has worked as a Director of 'Centre for Apparent Energy Research', an R&D unit of a public limited company - Baroda Electric Meters Ltd., and recognized by the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, Govt. of India. He has shown his expertise in development of state of the art low cost apparent energy meters which supports a tariff that is more fair and environment friendly than the common active energy tariff. He had launched innovative distribution loss reduction programs for the electric utilities such as Door to Door Meter Calibration and Transformer metering. One of the latest products that the Company has successfully launched under his guidance is an energy efficient street-lamp called Light-Saber.

Kamat has been an adjunct Professor at DDIT Engg. College, Nadiad, Gujarat, and a visiting faculty in local engineering colleges, located at Vallabh Vidyanagar, Gujarat. He is currently serving as a Principal of Institute of Computer and Communication Technology, a newly setup engineering college for Women.

He has a number of conference and journal publications to his credit.