

Institute Lecture

Digital Forces Combine to Create Innovation at the Intersections

Mr. Ananth Krishnan,
Chief Technology Officer, Tata Consultancy Services

Thursday, 15th October 2015, Time: 6.00 PM, Venue: Outreach Auditorium



Abstract

Big Data and analytics, cloud computing, social media, mobility and AI are powerful technologies in themselves. But two or more of these forces combine to disrupt every sphere of human endeavor: research, business, organizational culture and customer services. Exploration in every branch of science - physical sciences, mathematical and statistical sciences, life sciences and social and business sciences - has accelerated, producing new ways of solving real world problems. At the other end of the spectrum, the digital forces have empowered the consumer. This has shaken up industries and industrial domains have begun to intersect, creating new opportunities for innovation in all businesses. Several examples will be cited to illustrate these new innovation opportunities available today to professionals engaged in research.

About the speaker

As CTO, Mr. Ananth directs research and innovation in Tata Consultancy Services. He has architected a 4E model to make invention, innovation and co-innovation at TCS deliver value to TCS business and its customers. Under his leadership, the TCS research community has created a significant portfolio of patents, papers and IP.

Mr. Ananth has been a member of the TCS Corporate Think-Tank since 1999, and has led several strategic initiatives. He has been a Principal Architect and Lead Consultant in the Architecture and Technology Consulting Practice, and earlier the head of the TCS Systems Management and the Systems Software Group.

Mr. Ananth is on the Customer Advisory Boards of several organizations including Symantec and IBM-Rational, He was elected a Fellow at the Indian Academy of Engineering (INAE) in recognition of his contributions towards engineering in 2013. He is a Senior Member of the IEEE and a member of the Computer Society of India, and is an invited faculty in the Department of Management Studies at the Indian Institute of Technology, Madras. He was an invitee to the quarterly management review with the TCS Board (the executive committee of Tata Sons Limited) from April 2000 to March 2004.

Named a Distinguished Alumnus of the Indian Institute of Technology, Delhi in 2009, Mr. Ananth has been listed in Computerworld's Premier 100 IT Leaders (2007). He has also been chosen as one of Infoworld's Top 25 CTOs (2007).

Mr. Ananth is an M. Tech. in Computer Science from the Indian Institute of Technology, Delhi. He also has a Masters degree in Physics from the same Institute and a Bachelor's degree in Physics from Fergusson College, Pune.

Tea at 5.45 PM

All interested are welcome.

Amalendu Chandra
Dean of Research and Development, IIT Kanpur