The Institution of Engineers (India)

Kerala State Centre

cordially invites you to attend the technical talk on

Trends in Semiconductor Industry

by

Dr Koshy P Vaidyan

CEO, TrEST Park, Trivandrum

on
27th April 2022 Wednesday at 5:45 pm

at
**The Institution of Engineers (India) Hall, Visvesvaraya Bhavan,
Opposite Kanakakunnu Palace,Thiruvananthapuram**

Jointly organised with

IEEE Kerala Section
Computer Society of India Trivandrum Chapter
Aeronautical Society of India Trivandrum Branch
Systems Society of India Thiruvananthapuram Chapter
Project Management Institute Trivandrum Kerala Chapter
Indian National Society for Aerospace and Related Mechanism Thiruvananthapuram Chapter
Society of Aerospace Manufacturing Engineers Thiruvananthapuram
Indian Society for Training and Development Thiruvananthapuram Chapter
The Institution of Electronics and Telecommunication Engineers Trivandrum Centre
Indian Institution of Technical Arbitrators Kerala State Centre

Er.Asok Kumar K., FIE
Chairman

Er.Roy Mathew, MIE
Honorary Secretary

Gist: Wall Street Journal reports that semiconductors rank as the world's fourth most-traded product after crude oil, refined oil and cars. Almost all emerging technologies such as Artificial Intelligence, 5G, Cloud Computing, Quantum Computing, Advanced Wireless Networks, Blockchain Applications, IoT, Self-driving Vehicles and Robotics are all powered by these highly sophisticated semiconductors. These tiny integrated circuits, packing billions of electronic components in a few square millimetres, is the backbone of everyday electronic devices, ranging from computers, electronic devices, automotives, pharmaceutical devices, household appliances, smartphones, ATMs, eCommerce, clean energy products and equipment, among countless other applications. Some of the key trends of semiconductors will be discussed during this talk.

Profile: Dr. Koshy P. Vaidyan is the Chief Executive Officer, TrEST Research Park (Trivandrum Engineering Research Park). He is also the Director, Information Systems in Finance Department, He has more than two decades of experience in Global Tier 1 organizations like Ernst & Young and Tata Consultancy Services, and in Government. He led the Enterprise Business Architecture team, at Ernst & Young and has worked on major global IT Transformation programs of Ernst & Young. He has been the Centre of Excellence Lead of Product Engineering group, and has handled IT Service Management Consulting roles, and delivery of some of the key projects in Tata Consultancy Services. He holds a Ph.D. in Electronics and Communication Engineering from University of Kerala, and B.Tech. and M.Tech. in Electronics Engineering from College of Engineering, Trivandrum. He is also a Fellow of Institution of Electronics and Telecommunications Engineers (IETE) and a senior member of Association of Computing Machinery (ACM).