



Ravi S. Iyer, Ph.D.

Designation : Professor

Department : Department of Computer Science and Engineering
(JOINED THE INSTITUTE IN 2026)

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RESEARCH INTERESTS

- ✓ Artificial Intelligence
- ✓ Internet of Things (IoT)
- ✓ Distributed Systems
- ✓ Cloud Computing
- ✓ Embedded Systems
- ✓ Blockchain Technologies

Academic Qualifications

- Ph. D. (EE), Indian Institute of Science, India.
- MS (EE) Indian Institute of Science, India.
- B.Tech. (EE), Indian Institute of Technology (Madras), India.

Teaching Experience/Industrial Experience/Research Experience

30+ years of Experience

- Professor & Dean, School of Computer Science, UPES (Dehradun, India), Sep 2022-Aug 2024
- CEO, Accenture Centres of Excellence, IIT Madras, Jun 2021-Sep 2022
- Founder & Director, GrayCells Healthcare Technologies, LLP, Oct 2015- Jun 2022
- Director & Exec VP – New Initiatives, KrypC Technologies, Pvt. Ltd., Jan 2018- Dec 2019
- Adjunct Professor of Computer Science & Mathematics at IIIT-B 2016- 2017
- Technology Advisor, Agnus Holdings, Singapore & CTO, Axiom Health

- Intellect Systems Inc., USA (an investee company of Agnus Holdings), 2013- Sep 2015
- Co-founder & CTO, Voice Bell, Chicago, IL, 2007-2013
- Sr. Director, Embedded Wireless Networks, Conexant (an Ikanos company), India and MD, Ikanos Communications (Semiconductor Industry), India, 2004-2007
- Founder & CTO, Bubble Motion Sdn Bhd, KL, Malaysia, 2003-2004
- Head, Advanced Technology Group (ATG), Motorola (Force Computers) and Sr. Business Development Manager, Motorola (SSC), 1998-2003
- Senior Manager (Projects) at Siemens AG, 1993-1998

ANY OTHER

ACHIEVEMENTS AND AWARDS

- Conceptualized and set up research facilities (Centres of Excellence) and raised investment for the advancement and application of technologies, such as AI, Cybersecurity, Robotics, Quantum Computing, and Digital Twins across multiple sectors (Energy, Defence, Manufacturing, Infrastructure, and Healthcare).
- Conceptualized and developed a high-performance and lightweight blockchain platform at KrypC, capable of handling high-volume, high peak transaction rates, and having a very low footprint, ideal for running on resource-constrained devices (e.g., IoT and mobile phones). Architected the platform to work with millions of mobile phones acting as platforms to execute transactions while providing security and reliability through their numbers and anonymity. Significant traction with Reliance Jio Infocomm, Honeywell, Bosch and Schneider Electric.
- Conceptualized, designed, and developed the GrayCells platform (on AWS) to monitor vital signs from users to detect and warn of the early onset of adverse health signs (e.g., the onset of hypoglycemia or cardiac arrests).
- Set up a VoIP service based on a new VoWiFi stack on Symbian phones in Singapore customers included RBS and ABN Amro.
- Managed revenue streams in excess of USD100 Million with key accounts like Nokia, Motorola, Huawei and Skype (Microsoft) at Conexant.
- Awarded TMC Magazine's 'Internet Telephony Product of the Year 2002', for the cPCI 910 dual-network processor board that earned revenues in excess of USD 14M.