

Ramesh Rao

Professor, Electrical and Computer Engineering, UC San Diego Director, California Institute For Telecommunications & Information Technology, UC San Diego at UC San Diego

La Jolla, CA, US

Ramesh Rao is involved on a day-to-day basis with a wide variety of interdisciplinary and collaborative research initiatives.

Biography

Rao has been a faculty member at UC San Diego since 1984, and director of the Qualcomm Institute—the UC San Diego division of the California Institute for Telecommunications and Information Technology (Calit2), since 2001. He holds the Qualcomm Endowed Chair in Telecommunications and Information Technologies in the Jacobs School of Engineering and is a member of the school's Electrical and Computer Engineering department. Prior to the Qualcomm Institute, Rao served as the director of UC San Diego's Center for Wireless Communications. He is involved, on a daily basis, with a wide variety of research initiatives. He leads several major interdisciplinary and collaborative projects and has been a PI on dozens of federal-, state-, foundation- and industry-funded grants. He is an IEEE Fellow and senior fellow of the California Council on Science and Technology. He was named a member of the board of the Academy of Neurosciences for Architecture, a member of the Rady Children's Hospital and Health Center Board IT Task Force and serves on the Board of Directors of CONNECT. Rao has been a long-time member of the San Diego Indian American Society and currently serves as the vice president for the Board of Governors. Rao earned his Ph.D. in electrical engineering from the University of Maryland, College Park in 1984, after receiving his M.S. from the same institution in 1982. He earned his bachelor's degree in 1980 from the University of Madras (the National Institute of Technology, Tiruchirapalli). Rao received the distinguished alumnus award from the National Institute of Technology in 2010, the ECE Distinguished alumni award from the University of Maryland in 2012, the Professional Gordon Engineering Leadership Award from UC San Diego's Gordon Engineering Leadership Center in 2010. He also received the 2011 Casa Familiar Abrazo Award for engagement with underprivileged area of San Diego.

Areas of Expertise

Network Architecture, Wireless Communication, Computer Networking, Network Performance, Wireless Networks

Affiliations

IEEE (Institute of Electrical and Electronics Engineers) fellow, California Council on Science and Technology senior fellow, Academy of Neurosciences for Architecture board member, CONNECT board of directors, Rady Children's Hospital and Health Center Board IT Task Force member

Education

University of Maryland
M.S., Ph.D. Electrical Engineering

University of Madras (India)
B.E. Electronics and Communications

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