

**FOR IEEE REGION DELEGATE-ELECT/DIRECTOR-ELECT, 2015-2016
DELEGATE/DIRECTOR, 2017-2018 – REGION 6
(WESTERN USA)**



S. K. RAMESH (SM' 93)

Dean, College of Engineering and Computer Science
Professor of Electrical and Computer Engineering
California State University (CSU), Northridge
Northridge, California, USA
(s.ramesh@ieee.org)

Ramesh has served the IEEE and Region 6 extensively, including the [IEEE Educational Activities Board](#), the [IEEE-HKN Board of Governors](#) and the [ABET Board of Directors](#). His efforts and leadership have created jobs and enhanced the growth of high technology industries through the [Center for Entrepreneurship and Innovation](#) and [Energy Research Center](#) at CSU Northridge. Examples include a Satellite [Clean Tech Incubator](#), a Master's Degree in [Assistive Technology Engineering](#); and as PI of a five year (2011-16) \$ 5.5 Million US Department of Education grant to [graduate underrepresented minorities in engineering and computer science](#). He received the [Engineers Council's](#) John Guarrera Engineering Educator of the Year award in 2012 and has made significant contributions to engineering education internationally. From 1994 to 2006 he chaired the Electrical Engineering Department at CSU Sacramento.

Dr. Ramesh's professional interests cover Fiber Optic Communications. He received his PhD in 1986 from Southern Illinois University, Carbondale.

IEEE Activities – (S'79-S'84-M'85-S'85-M'86-SM'93) **COMMITTEES/BOARD:** [ABET Board of Directors](#), (2013-2015); Member, Global Council, (2013-2015); [IEEE-HKN Board of Governors](#), Executive Committee, Trustee, Treasurer and Governor Western Region, 2012-2014; [IEEE Awards Board \(AB\)](#), 2010-2013; [IEEE Educational Activities Board \(EAB\)](#), Pre-University Education Coordinating Committee Chair, 2014-15; Awards and Recognition Committee, Chair, 2010-2013; Member 2014-15, 2009-2010; IEEE e-Learning Library Editorial Board, Associate Editor-in-Chief, 2012-13; ABET Nominations Committee, 2014-15, 2009-11, 2007-2008; Nominations & Appointments Committee, 2013-15; Operating Committee, Member, 2010-15, 2007-08; EAB Financial Committee, 2007-08. IEEE Member and Geographical Activities Board (MGA), Member Engagement and Lifecycle Committee, 2008-09. IEEE/IBM Smarter Planet Challenge Competition, Judge, 2013;

REGION: Region 6, Operating Committee, Member, 2001-04; Central Area, Chair, 2001-04; Awards Committee, Member, 2002-03; Central Area Student Activities, Chair, 1994-95, 1998-2000.

SECTION: Sacramento Section, Chair, 1992-93; Vice-Chair, 1991-92; Secretary, 1990-91; Membership Development Committee, Chair, 1993-94; Student Activities Committee, Chair, 1993-2006; Section Executive Committee, Member, 1990-94, 2004-06.

CHAPTER: Lasers and Electro-Optics Society (LEOS) Sacramento Chapter, Chair, 1989-92, 2004-06. **STUDENT BRANCH:** California State University, Sacramento, Student Branch Counselor, 1990-2006.

CONFERENCES: 2013 IEEE International Conference on Intelligent Interactive Systems and Assistive Technologies IISAT 13, Chair, International Committee, Invited Workshop on Assistive Technology Engineering; IEEE Deans Summit 2003, Fostering Campus Collaborations, Invited Presenter, 2003; 2003 IEEE International Conference on Communications (ICC 2003), Reviewer and Program Technical Committee, Member, 2003; ICC 2001, Reviewer and Program Technical Committee, Member, 2001; IEEE Global Communications Conference 2002 (Globecom 2002), Reviewer and Member Program Technical Committee, 2002; Optical Networking Symposium, Reviewer and Program Technical Committee, Member, 2003; IEEE Frontiers in Education Conference (IEEE FIE 2001), Reviewer, 2001.

REPRESENTATIVES: Membership & Geographic Activities (MGA) Board, EAB Representative, 2008; Regional Activities Board, EAB Representative, 2007; IEEE-USA Committee on Communications and Information Policy, Region 6 Representative, 2005; San Fernando Valley Engineers Council, San Fernando Valley Section Representative to the Board of Directors, 2007-08.

AWARDS: IEEE Region 6 Outstanding Community Service Award, 2004; LEOS Sacramento, Most Improved Chapter, 2005-06, 1991-92; LEOS Sacramento, Largest Membership Growth, 1992-93; CSU Sacramento Student Branch, RAB Membership Growth, Region 6, 2002-03; IEEE San Fernando Valley Section Awards Banquet, Distinguished Speaker, 2010; IEEE CSU Northridge Student Branch, Leadership Award, 2011, 2009; IEEE CSU Northridge Student Branch, Extraordinary Support Award, 2007; IEEE CSU Sacramento Student Branch, Outstanding Branch Counselor Award, 1999; IEEE CSU Sacramento Student Branch, Outstanding Service Award, 1998.

IEEE Accomplishments – I have been an IEEE volunteer for the past 33 years. On the IEEE Educational Activities Board, I have chaired the Awards and Recognition Committee and the Pre-University Committee to lead and help deliver signature EAB programs. As Treasurer and Trustee of IEEE-HKN, the Honor society, I helped organize the budget and establish priorities aligned to the Board’s long term strategic plan. I have served as an ABET Program Evaluator and I currently represent IEEE on the ABET Board of Directors, supporting quality assurance and innovation in accredited programs.

As Sacramento Section Chair, and Region 6 Central Area Chair I developed industry support and organized career fairs to serve IEEE members. I founded, and led the IEEE LEOS Chapter in the Sacramento Section that received awards as the Most Innovative Chapter for its diverse programs (1993 and 2006), and Membership Growth in 1992. I guided Student Branches to organize Student Professional Awareness Conferences inspiring students to remain active and transition to leadership roles in IEEE. This promoted membership growth and retention, leading to award winning programs at CSU Sacramento and CSU Northridge, and a Region 6 Community Service Award for my leadership in promoting pre-engineering programs for K-12 teachers.

Statement – I have served the IEEE in leadership roles at Chapter, Section, Area and Region and Board levels. I value my association with IEEE and will use my extensive experience working with several organizations, and non-profit boards to address the challenges that we face, and serve IEEE effectively. If elected as the IEEE Region 6 Delegate-Elect/Director-Elect I will:

- Champion the Region’s needs effectively on the Board of Directors
- Build a strong team to provide prudent fiscal leadership, and support Sections to monitor, evaluate and deliver programs of value to IEEE members and the Region 6 community
- Emphasize strategic planning, teamwork and leadership development for Section Officers
- Strengthen relations between IEEE and industry to enhance the profession and support members’ activities
- Heighten awareness of engineering in pre-college students and especially women and minorities

Together, we can develop and sustain our membership base; promote awareness and increase industry support for IEEE members’ activities, and reinforce key benefits that are valued by our members. It is an honor and a privilege to be nominated. I would appreciate your vote.