

## Position Statement

The IEEE is the world's largest professional technical organization that is synonymous with excellence. Our members are the heart and soul of IEEE and create enormous value for the Institute through their contributions.

My # 1 priority is to serve our members and strengthen IEEE. I will work to empower and enable the IEEE Board and Staff to serve our members with clear strategic goals, measurable outcomes, and transparent fiscal leadership.

### If elected, my priorities are to:

**G**row IEEE globally by promoting a culture of collaboration, transparency, and inclusion; Strengthen affinity groups including Women in Engineering (WiE), Young Professionals (YP's) and Entrepreneurs.

**O**ffer easy access to continuing education programs, industry focused workshops and conferences to keep members technically current.

**I**ncrease the value of standards, conferences, and publications.

**E**ngage members and support their ongoing professional and career needs.

**E**mpower our diverse worldwide membership to build leading edge technical communities and nurture strategic partnerships that lower barriers and enhance innovation.

**E**nergize, and incentivize members to keep IEEE at the forefront of future technical directions in new and emerging areas such as 5G, IoT, Smart Grid, Cloud Computing, the Brain Initiative, and Ethically Aligned Design.

## Vision and Values

**Working together to make IEEE the pre-eminent membership organization of the 21st century.**

*IEEE has been an integral part of my technical professional life for almost four decades. I cherish my experiences in the IEEE working with diverse and inclusive teams of volunteers and staff, to serve our members, the profession and the public. The values that I have learned from these interactions are the ones that sustain and drive me every single day in support of IEEE's mission "Advancing technology for humanity". Collaboration is the key and cornerstone to our success. We are a team – volunteer led and staff supported. I am excited about our collective future and the opportunities that lie ahead for the IEEE. Feel free to contact me with your questions, ideas, and suggestions.*

*It would be an honor and a privilege to serve you and the IEEE as your 2021 President-Elect to bring this vision to fruition. I humbly request your vote in the upcoming elections. Thanks in advance for your participation in the elections and your support.*

**S. K. Ramesh,  
2021 IEEE President-Elect Candidate**

*I care.*

**Inclusive**

**Collaborative**

**Accountable**

**Resilient**

**Ethical**

Sign in using your IEEE Account and cast your ballot at [www.ieee.org/elections](http://www.ieee.org/elections) between August 17 – October 1, 2020, 12 Noon Eastern Time (USA).



**Disclaimer:** The opinions expressed are the opinions of the author and not necessarily the opinions of the IEEE.

## S. K. Ramesh For 2021 IEEE President-Elect

IEEE – The Pre-eminent Membership Organization of the 21st century



IEEE members are the heart and soul of our organization. Technologies are changing. Challenges are evolving. Our members' experience has changed. We need to adapt and change to serve our members effectively.

### You can count on me to:

- Grow IEEE globally by promoting a culture of collaboration, and inclusion.
- Offer members easy access to industry focused workshops, and continuing education programs.
- Increase the value of standards, conferences, and publications.
- Engage members and support their ongoing professional and career needs
- Empower our members to build leading edge technical communities
- Energize, and incentivize members to keep IEEE at the forefront of future technical directions

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## BIOGRAPHY

### S. K. Ramesh

*Director, AIMS<sup>2</sup> Program, and Professor of Electrical and Computer Engineering California State University, Northridge, USA*

Ramesh is a Professor of Electrical and Computer Engineering at California State University's College of Engineering and Computer Science in Northridge where he served as dean from 2006-17. He is the founding director of the university's Attract, Inspire, Mentor, and Support Students program, (AIMS<sup>2</sup>), supported by the U.S. Department of Education and recognized nationally and internationally for enhancing the graduation of underrepresented minorities in engineering and computer science. He has served with distinction on two of the largest campuses in the California State University system for the past 33 years as a dean, department chair, and faculty member. As dean, he created an interdisciplinary master's degree program in assistive technology engineering to serve students and meet emerging workforce needs.

Ramesh has been an active IEEE volunteer for 38 years and has served in several leadership roles on the IEEE Board of Directors, IEEE-HKN Board of Governors, ABET Board of Directors, and as IEEE's representative on the ABET Board of Delegates. He has served on the 2018 IEEE Fellows Committee, the 2017-18 IEEE Strategic Planning Committee, and as 2016-17 Vice-President of Educational Activities and Chair of the Educational Activities Board, and 2016 President of IEEE-HKN (the Electrical Engineering Honor Society).

Ramesh's research interests cover high-speed optical communication systems, devices, and electronic circuit design. He was elevated as a Fellow of the IEEE in 2015 and recognized for his contributions to entrepreneurship in engineering education.

## Major IEEE Accomplishments (selected)

### Vice President Educational Activities (2016-17)

- Restructured IEEE Educational Activities with immediate impact on continuing education products and services
- Co-championed the IEEE Learning Network (ILN) as a one-stop shop for all IEEE continuing education products and services
- Championed Try Engineering Summer Camps program
- Enhanced EPICS in IEEE program with an MOU with Purdue University

### President IEEE-HKN (2016)

- Expanded IEEE-HKN globally to serve all 10 Regions in IEEE
- Revived dormant chapters, attracted professional members, and increased industry support

### ABET Board of Directors/Board of Delegates

- Serves as an IEEE program evaluator performing several domestic and international accreditation site visits. (2010 onwards)
- Served on Global Council, Governance and Finance Committees (2015 onwards)
- Serves as Director of the Engineering Area Delegation (EAD) representing 32 member societies including IEEE, with ABET accredited engineering programs worldwide

### Regional and Technical Activities

- Served on IEEE Fellows Committee (2018)
- Served on IEEE e-Learning Library Editorial Board, as Associate Editor-in-Chief (2012-13)
- Served IEEE Region 6 in several roles at the Area, Section, and Chapter levels (1989-2006)
- Founding Chair of the IEEE Photonics Chapter (Sacramento Section)

### Conferences

- Chaired IEEE Exhibits Program Strategic Summit, University of Pretoria (2015)
- Reviewer and Program Technical Committee Member IEEE International Conference on Communications (ICC 2001-03)

## Honors and Awards (selected)

- Elevated to rank of IEEE Fellow, 2015.
- IEEE CSU Northridge Student Branch, Leadership Award, 2011, and 2009.
- Most Improved Chapter Award, Sacramento Chapter of the IEEE Lasers and Electro-Optics (LEOS) Society, 2005-06.
- IEEE Region 6 Community Service Award for leadership in developing and offering high school teachers workshops to promote engineering education, 2004.
- CSU Sacramento IEEE Student Branch, RAB Membership Growth Award, Region 6, 2002-03.
- IEEE CSU Sacramento Student Branch, Outstanding Branch Counselor, 1999.
- Largest Membership Growth Award, Sacramento Chapter of the IEEE Lasers and Electro-Optics (LEOS) Society, 1992-93.
- Most Improved Chapter Award, Sacramento Chapter of the IEEE Lasers and Electro-Optics (LEOS) Society, 1991-92.

## Awards

- "John Guarrerra Engineering Educator of the Year Award", Engineers' Council, 2012
- William B. Johnson International Inter professional Award" for leadership and contributions to the Profession", Engineers' Council, 2010
- AIMS<sup>2</sup> program recognized as the 2019 Baccalaureate Program of the Year by Excelencia in Education
- AIMS<sup>2</sup> program shortlisted as a finalist for the 2018 Global Engineering Deans Council Diversity Award, 2018
- Outstanding Faculty Award, Phi Beta Delta, 2018
- Distinguished Alumni Award, NIT Trichy, India, 2007.