

**Candidate for Executive Council Member
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S. Sudarshan
IIT Bombay
India

BIOGRAPHY

S. Sudarshan is the Subrao Nilekani Chair Professor in the CSE Department, IIT Bombay. He completed his BTech from IITM in 1987 and PhD from Univ. of Wisconsin, Madison in 1992. He was at AT&T Bell Labs from 1992 to 1995, and has been at IIT Bombay since 1995. He has published extensively in the area of database systems, and is co-author with Silberschatz and Korth of the best-selling textbook Database System Concepts. He is a Fellow of ACM and IEEE. He was PC chair of SIGMOD 2024 and General Chair of SIGMOD 2026, among other service contributions to ACM.

STATEMENT

One of my key goals is to spur the growth of CS research in India, both at the academic and industrial level. And especially so in systems areas, where we have far too few PhD students, across all major academic institutions. To address this issue, I would like to create pre-doc programs coordinated across institutions, to attract students with systems skills, and give them research exposure, and motivate them to stay for a PhD. I would also like to work with industry forums and academia to organize/publicize technology workshops and continuing education programmes, to help industry professionals keep up with cutting-edge technologies, and to cross pollinate between industrial and academic R&D. Getting industry professionals involved in these activities is key to the future growth of ACM India.

With GenAI making massive changes to the world and to the IT industry, and the resultant risks and opportunities for the Indian IT industry, we need to figure out directions for CSE R&D for the decades ahead. Creating online/offline platforms for sharing experiences, thoughts and opinions on AI use, which can help shed light on future directions, is thus another important goal.