

Candidate for Executive Council Member
(1 July 2024 – 30 June 2028)



Amey Karkare
IIT Kanpur
India

BIOGRAPHY

I am a Professor and the Head of CSE department at IIT Kanpur. My areas of interest include Intelligent Tutoring Systems, Program Analysis and Compiler Optimizations. I have seven years of industrial experience. My current research focus is on improving how introductory programming courses are taught. The Prutor software I developed has been used at several premier institutes in India like IIT Kanpur, IIT Bombay, IISc Bangalore, IIT Goa, IISER Bhopal, to name a few. I have also received several awards in recognition of excellence in the use of innovation and technology to improve the quality of teaching.

STATEMENT

If elected to the Executive Council of ACM India, I would commit to contributing to the growth and impact of ACM activities across India. I would work toward strengthening research and innovation. I believe that research is the foundation of progress. I will promote and support research and innovation in computing; by fostering collaboration among researchers from academia and industry, I would help young researchers explore resources and opportunities for collaboration. I will champion initiatives that enhance computer science education at all levels, from schools to HEIs. I will explore opportunities for students to engage with the latest trends in computing, and to connect with industry professionals and researchers. I will work with schools to promote computer science education and to encourage more students to pursue careers in computing. I will promote diversity in CS by creating an inclusive environment for everyone. I will work to create opportunities for build a stronger, more vibrant ACM India for all. As ACM India's conferences are vital platforms for knowledge exchange, I will support the organization of high-quality conferences, workshops, and symposia that bring together experts from diverse domains.