

Candidate for Executive Council Member
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Revathi Venkataraman

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India

BIOGRAPHY

Prof. Revathi Venkataraman, Chairperson, School of Computing, SRM Institute of Science & Technology, earned her Ph.D. in Computer Science and Engineering. Specializing in wireless networks, cybersecurity, and trust modeling, she holds a successful track record in completing externally funded research projects. Notably, she played a pivotal role in launching the Berkeley Method of Entrepreneurship boot camp at SRMIST, nurturing student and faculty start-ups. Since 2015, as an active ACM member, she founded the ACM-W Chennai chapter, organizing events like AICWiC 2017 to foster diversity and innovation in technology. Presently, she focuses on enhancing computer science education in engineering institutions.

STATEMENT

As a potential member of the ACM India Executive Council, my commitment is to encourage the Indian computing community forward, aligning with the "Viksit Bharat@2047" vision.

Goals include:

- Forging partnerships with industries and academia to provide online courses in AI, cybersecurity, and other critical areas.
- Facilitating hackathons centered on sustainable development, smart cities, and rural connectivity, fostering innovation.
- Organizing training sessions focused on integrating innovative teaching practices into computer science education. These sessions could cover topics such as active learning strategies, flipped classroom models, and inclusive teaching methods.

- "ACM India Innovation Hubs" will be established to foster collaboration and innovation within the region. Initiatives will include organizing workshops on clean energy, smart agriculture, and waste management, exploring potential applications in sustainability for broader societal issues.
- Additionally, advocating for interdisciplinary research collaborations between computer science and fields like healthcare, finance, and transportation to address complex societal challenges will be a priority.
- Alignment with ACM India's initiatives such as the Doctoral Dissertation Award and Summer Schools will be ensured to drive innovation, inclusive, and sustainable progress, ensuring a brighter future for India's computing landscape.