

Dr. T. Sree Sharmila, an esteemed academician, currently serves as an Associate Professor in the Department of Computer Science and Engineering at the College of Engineering, Guindy, Anna University, Chennai, since May 2023. Prior to this, she dedicated 18 years to SSN College of Engineering, Chennai, contributing significantly to teaching and research.

With expertise in computer vision, image processing, and machine learning, Dr. Sharmila has published over 100 papers in reputed international and national journals and conferences. She has successfully guided 8 Ph.D. scholars, with 6 more actively pursuing research in image and video processing. Her contributions to academia and research have been widely recognized, earning her multiple awards, including the IEEE Outstanding Branch Counselor and Branch Chapter Advisor Award (2019) and the IEEE Outstanding Branch Counselor Award from IEEE Madras Section (2017, 2018, 2019). She was also honored as a "Teacher Par Excellence" by SSN College of Engineering multiple times.

Dr. Sharmila has been actively involved in IEEE for over a decade, holding key leadership positions. As Chair of IEEE WIE Madras Section (2023-2024) and Vice-Chair of IEEE India Council Educational Activities Committee 2025, she has spearheaded initiatives to promote diversity, inclusion, and professional growth. She played a pivotal role in establishing IEEE WIE SB AGs at multiple institutions and has served as Faculty Advisor for IEEE CS SBC.

She has led major IEEE events, serving as General Chair for IEEE WIECON-ECE 2024, Organizing Chair for AISYWL Congress 2024, and Program Chair for IEEE WIE ILS Chennai 2024.

Dr. Sharmila's leadership has strengthened IEEE's outreach, fostering industry-academia collaborations, mentoring young professionals, and advancing technical excellence. Dr. Sharmila has actively engaged in international events, representing and contributing to various IEEE and professional forums. She participated in the IEEE R10 SYWL Congress 2024 in Japan and the IEEE YESIST12 event in Thailand in 2018. She also presented a research paper at IEEE TENCON 2016 in Singapore, showcasing her expertise on a global platform. Additionally, she took part in the Returning Mothers Conference in both 2023 and 2024 in India, advocating for career reintegration and empowerment. With her extensive experience and dedication, she aims to contribute further to IEEE Madras Section's growth, professional development, and knowledge-sharing initiatives.

Professional Recognition

- Received IEEE R10 Pre-University Champion 2023 by IEEE Region 10 Women in Engineering Committee in 2023.
- Received IEEE Outstanding Branch Counselor and Branch Chapter Advisor Award in 2019 by MGA
- Honored with the IEEE Outstanding Branch Counselor Award by the IEEE Madras Section in the years 2017, 2018, and 2019.
- Recognized as a "Teacher Par Excellence" by SSN College of Engineering in multiple years, including 2010, 2014, 2015, 2016, 2017, 2018, and 2020.

Key IEEE Programs Organized

- General Chair, IEEE WIECON-ECE 2024 (Dec 6-7, 2024).
- Organizing Chair, All India SYWL Congress (Dec 7-8, 2024).

- Program Chair, IEEE WIE ILS Chennai (Oct 3-5, 2024).
- Coordinator, "Connecting the Dots 2.0" (Jul-2023).
- Coordinator, IEEE WIE MAS Leadership Conclave 2023.
- Organizer, IEEE ICCSP (May-2021 & Jan-2017).
- Program Coordinator, All India IEEE Computer Society Students Young Professionals Congress (Dec 17-19, 2017).

Outreach for WIE

- Organized International Women's Day & Women in Science events.
- Hosted "Fempreneurs Unplugged" & "Empowering Change" webinar series.
- Delivered IEEE WIE talks on leadership, work-life balance & empowerment.
- Implemented R10 WIE Champions mentorship program.
- Delivered talks at IEEE events on WIE, leadership, and tech trends.

International Engagement & Representation

- Participated IEEE R10 SYWL Congress 2024 (Japan)
- Participated IEEE YESIST12 (Thailand) 2018
- Presented the paper at IEEE TENCON 2016 (Singapore).
- Participated in Returning Mothers Conference 2023 & 2024 (India).