

Name:

Nithyavathy Nagarajan

Photo:**Awards:**

IEEE IC – Outstanding Volunteer (>35 years) Awards

Brief Bio:

Nithyavathy Nagarajan wife of Mohanraj.A has completed Bachelors degree in Electronics and Communication Engineering at Kongu Engineering College, Perundurai under Bharathiyar University and her Master degree ME in Mechatronics Engineering at Kongu Engineering College, Perundurai, Tamilnadu, India under Anna University. She is Founder Member of PVR Research Foundation its main aim is to recognize and promote research activities in Science, Technology, Engineering and Medicine (STEM) by awards, prizes, medals and certificates of merit. She has obtained Ph. D. doctoral degree in Information and Communication Engineering at Anna University, Chennai, Tamilnadu, India with a specialization in Nano Metal Oxide sensors for Gas Sensing applications under the guidance of Prof. Vengatachalam Rajendran. She is presently working as Associate Professor in Mechatronics Engineering at Kongu Engineering College, Perundurai, Tamilnadu, India with 13 years of experience in the department. Nithyavathy is currently the EXECOM Member of IEEE Madras Section MAS, and CHAIR- IEEE Women in Engineering WIE MAS. Also She holds additional responsibility like TREASURER-IEEE Nano Technology Council MAS (2019- present) and SECRETARY of IEEE ADSF SIGHT MAS. In the past year, she has served as SECRETARY of IEEE Women in Engineering WIE MAS(2018-2019), IEEE-Branch Counselor (2016-Present), IEEE-Staff Advisor KEC Student Branch(2013-2016), and IEEE-Staff Advisor Robotics and Automation Society(2017-Present). She has bagged the IEEE Best project Award with her project students Self induced animal Warning system for IEEE Student Project Funding (SPF), MAS, 2018. She has received the Best performing student Branch Award for IEEE Activities conducted: For past 7 years on 2013, 2015, 2016, 2017, 2018, 2019 and 2020 from IEEE Madras section under the position of Staff Advisor and Branch Counselor. She has delivered nearly 25 Guest Lectures/Seminars sponsored by IEEE, SERB, DST, ICMR, DRDO, DBT, and AICTE-ATAL-FDP(2017-Present). She has conducted Technical Events/ workshop/summit through virtual mode like Woman as Entrepreneur, Branch Leadership Summit, Electric Circuit design Workshop; Analytics landscape in various domains, IEEE KEC WebTalks, and IDEACON v1.0.

Achievement for which the award was given:

Nlthyavathy has conducted many notable Webinars like Overview on Augmented and Virtual reality, Career guidance, The Power of Subconscious Mind, Opportunities in WIE; Steps for continuous learning during Covid-19 break; Explore IEEE. As Chair Publicity for YESIST12 2020 - Youth Endeavors For Social Innovation Using Sustainable As Secretary IEEE SIGHT ADSF MAS organised an Exclusive Interactive Session on "Empowering Engineers for Sustainable Rural Change" with our

Exe-com members and also conducted Debates with People of Fisheries community to understand the laws and rules by government and Modern techniques to be implemented in Fishing in sea by IEEE ADSF SIGHT Members 2020. Has organized and supported the MAS team in engaging the students membership retention across Madras Section. She has Served as Program Committee Member (Publicity) for Returning Mothers Rediscovering the lost talented Pool- International Conference under IEEE Women In Engineering Conference, Bangalore (Nov 13-14, 2019). As Chair, Women in Engineering - IEEE Madras Section conducted the webinar series 2020. The speakers are Prof. Celia Shahnaz, Ms. Supavadee Aramvith, Associate Professor, Ms.Bozenna Pasik-Duncan, Prof.Ramalatha Marimuthu, and SuganyaRaman. Also organized, Women in Engineering webinar series, "Significant Facets of Women in National Development" 2020 with speakers like Mrs.Venkatapriya IAS, Mrs.Vanathi Srinivasan General Secretary BJP, Mrs.SubuLakshmi Jegadheesan Deputy General Secretary DMK. As Secretary for IEEE Madras Section Women In Engineering, helped the committee in engaging women members to enhance their leadership skills, Women In Technical Field, and educating the rural women. Has conducted quality program like Technical Awareness Program (TAP) for Government School Students. Has conducted events like VIRUKSHA a National level Project Expo for college students to display their working model and AVANZARE for paper and poster presentation with multi disciplinary workshop for students benefits. In addition, she conducted WIESHIUS (Social Awareness Program) twice a year for serving old-age home people; teaching orphanage children and mentoring mentally retarded children. This directly helps her branch IEEE volunteer students to understand the ethical behaviour in the society.