


FACULTY PROFILE

Name	:	Mrs.S. SUDHA	
Designation	:	Assistant Professor	
Department	:	Electronics and Communication Engineering	
Educational Qualification	:	M.Tech. (Advanced Communication Systems) B.E. (ECE)	
Subject of Interest	:	Satellite Communication, Wireless Communication, Medical Image Processing	
Publications	:	<p>International:</p> <ul style="list-style-type: none"> • On Jun 2022, published a paper titled “A Review on Deep Learning in Diabetic Foot Ulcers Detection” on International Journal of Applied Engineering and Technology. • On Jun 2022, published a paper titled “Crop Yield Envision and Leaf Disease Prevention using Deep Learning” on International Journal of Applied Engineering and Technology. • On Jun 2022, published a paper titled “Real Time Diabetic Foot Ulcer Prediction and Monitoring” on International Journal of Applied Engineering and Technology. • On May 2021, published a paper titled “Design and Implementation of Ultra Violet Disinfection Robot with 360° Freedom” on International Journal of Advanced Science and Engineering Research. • On May 2021, published a paper titled “Design and Implementation of Smart Chair for Health Monitoring System Using IoT” on International Journal of Advanced Science and Engineering Research. • In the year 2020, published a paper titled “Employees Identification and Tracking System by Using Smart Gadget” on International Journal of Applied Engineering & Technology. • On Apr 2019, published a paper titled “A Novel Implementation for Radio Resource Allocation on Mobile Access Based on Cognitive Radio Network” on International Journal of Advanced Scientific Research & Development. 	
Conferences, Fdp’s, Webinars,	:	<ul style="list-style-type: none"> • Participated in the Professional Development Programme on “Biomedical Electronics and Telemedicine” conducted 	

Workshops Attended:	<p>by National Institute of Technical Teachers Training and Research(NITTTR), Chennai from 11.07.2022 to 15.07.2022.</p> <ul style="list-style-type: none"> • Successfully participated in IP Awareness/ Training program under “National Intellectual Property Awareness Mission” on 27.04.2022 organized by Intellectual Property Office, India. • Participated the webinar on “Role of AI in Healthcare” organized by Department of ECE on 12.03.2022 by Sethu Institute of Technology, Virudhunagar. • Participated in the National Level Five-Days Online workshop on “MATLAB and its Applications in Image Processing and Communication” conducted by the Department of ECE, SRM TRP Engineering College, Tiruchirappalli on 21.02.2022 to 25.02.2022. • Participated and completed the 5 Days Bootcamp on “Image Processing- Morphological process and Tools from 08.02.2022 to 12.02.2022 organised by Pantech e Learning.
Google Scholar Link	: https://scholar.google.com/citations?hl=en&user=HfXsV_wAAAAJ
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