


## FACULTY PROFILE

Name	:	Dr.G.SARAVANA VENKATESH	
Designation	:	ASSISTANT PROF (S.G)	
Department	:	EEE	
Educational Qualification	:	B.E,M.E,PhD.	
Experience	:	12	
Subject of Interest	:	Renewable Energy Sources ( Wind Energy Potential Estimation)	
Publications	:	<p>1. G.Saravana Venkatesh “<b>Solar Autoclave in Bio-Medical Waste Treatment</b>”, Journal of The Institution of Engineers (India): Series B. (Accepted for Publication December 2023 issue).</p> <p>2. G.Saravana Venkatesh published a paper “<b>Compulsory licensing of patents</b>” in the journal of Pharmaceutical Patent Analyst, Vol 11, No.6. DOI.10.4155/ppa-2022-0039.</p> <p>3. G.Saravana Venkatesh published a paper “<b>Dstacom Based Additive and Subtractive Topology Multilevel Inverter for Improving Power Quality</b>” International Journal of Technical and Physical Problems of Engineering, -Issue51-Vol 14-No 2-Jun2022-pp36-45.</p> <p>4. G.SaravanaVenkatesh published a paper “<b>Automatic Health Monitoring and Optimizing of Lithium-ion Battery in E- Vehicle</b>” in the International Journal of Advances in Engineering and Management (IJAEM). Volume 5, Issue 4 April 2023, pp: 540-546.</p> <p>5. G.Saravana Venkatesh, . published a paper “<b>A Portable Iot-Based Smart Artificial Ventilator</b>” International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 3 Mar 2022, pp: 817-824, ISSN: 2395-5252.</p> <p>6. G.Saravana Venkatesh,. Published a paper “<b>Implementation of IoT Enabled Patient Assisting Device-Medibox</b>” (2021). Asian Journal of Applied Science and Technology (AJAST), Volume 5, Issue 1, Pages 139-142, January-March 2021.</p> <p>7. G.Saravana Venkatesh,. Published a paper “<b>Raw wind data pre-processing using data ware housing based ETL approach for analyzing the wind characteristics</b>” 2021 IEEE International Conference (ICAECT).</p> <p>8. G.Saravana Venkatesh published a paper “<b>Smart Protection System for Distributed Energy Sources (DER)</b>” Journal of Engineering</p>	

	<p>Services, DOI 10.15433.JES.2020.VIII07.43P.88, Page No 602-606.</p> <p>9. G.Saravana Venkatesh published a paper <b>“Smart Malicious Energy Theft Detection System Using Zigbee &amp; IOT Communication”</b> Mukta Shabd Journal, Volume IX, Issue XII, DECEMBER/2020,ISSN NO : 2347-3150,Page No : 1123-1131.</p> <p>10.G.Saravana Venkatesh, <b>“Investigation of wind energy characteristic and its potential for the historical time series data”</b>, Journal of Electrical Engineering, Vol. No. 17, pp. 340-348, December 2017 (ISSN: 1582-4594).</p>
Awards and Achievements	: Nil
GoogleScholar Link	: <a href="https://scholar.google.com/citations?user=vqyfqa0AAAAJ">https://scholar.google.com/citations?user=vqyfqa0AAAAJ</a>
Conferences/FDP/Seminars/ Workshops attended	: <ol style="list-style-type: none"> <li>1. One Week FDP on <b>“Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technologies For E-Vehicles”</b> at Bapatla Engineering College, 01.06.2020 To 05.06.2020.</li> <li>2. Virtual Faculty Development Programme on <b>“Evolutionary Optimization Techniques”</b> at SSN College of Engineering, 15.06.2020 to 17.06.2020.</li> <li>3. FDP on <b>“Artificial Intelligence &amp; Cyber security: An Advanced Approach to Power Systems”</b> at Saveetha Engineering College, Chennai. 22-6-2020 to 27-6-2020.</li> <li>4. MSME Agra conducted a Online Training Programme on <b>“Electrical Power Systems - Design And Analyzing Using ETAP”</b> 24.01.2022 to 03.02.2022.</li> <li>5. FDP on <b>“Cognizance of Outcome Based Education”</b> at Periyar Maniammai Institute of Science and Technology (PMIST), 29.12.2022 to 04.01.2023.</li> <li>6. Faculty Enrichment Programme on <b>"APTIS Preparatory Training"</b> in association with BC Education India Private Limited - 26th August and 2nd September 2023.</li> </ol>
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