

Dr. G. Saravana Venkatesh

Assistant Professor



Education Qualification:

Ph. D. – Electrical and Electronics Engineering – Anna University, Chennai.

M.E. – Power Electronics and Drives – Anna University, Chennai.

B.E. – Electrical and Electronics Engineering – Manonmanium Sundaranar University, Tirunelveli.

Teaching Experience

- Working as an Assistant Professor in Department of EEE at Periyar Maniammai Institute of Science and Technology, Thanjavur from December 2019 to till Date.
- Worked as an Assistant Professor in Department of EEE in Renganayagi Varatharaj college of Engineering, from Nov 2016 to December 2018), Sattur, Tamilnadu, India.
- Worked as an Assistant Professor in Department of EEE in Dhaya College of Engineering from Jan 2015 to Sep 2016), Thirumangalam, Tamilnadu, India.
- Worked as an Assistant Professor in Department of EEE in Sudharsan Engineering College Engineering from June 2010 to April 2014), Pudukottai, Tamilnadu, India.

Industrial Experience

- Worked as a Programmer Analyst in Cognizant Technology Solution (India) Pvt Ltd, (Sep 2006 to Dec 2009), Chennai, Tamilnadu, India.
- Worked as a ETL Developer in Dallas Consultancy Services, (Sep 2004 to Sep 2006), Chennai, Tamilnadu, India.

Area of Specialization:

- Wind Energy Conversion System.
- Solar Energy
- Basic Electrical and Electronics Engineering
- Power Electronics & Drives
- Electrical Machines
- Transmission & Distribution
- Offshore wind energy potential evaluation
- Data warehousing technology

Papers Publication:

- G.Saravana Venkatesh & R.Rengaraj, "Investigation of wind energy characteristic and its potential for the historical time series data", Journal of Electrical Engineering, Vol. No.17, pp. 340-348, December 2017 (ISSN: 1582-4594).
- G.Saravana Venkatesh & R.Rengaraj, "Raw wind data pre-processing using data ware housing based ETL approach for analyzing the wind characteristics", Accepted for publication. Advances in Mathematics: Scientific Journal, ISSN CODE 1857-8365.
- G.Saravana Venkatesh, "Energy efficient buildings – A patent review" AICTE sponsored first International conference on "Challenges and opportunities for development of Smart cities 2020 (ICCODS 2020)" held a Dept of ECE, PSR Engineering College, Sivakasi, Tamilnadu, during 23-25 January 2020.
- G.Saravana Venkatesh & R.Rengaraj, "Investigation of wind speed characteristic in six offshore regions across India", "National Convention of electrical engineers 2017 (NCEE2017) and national conference on "Hybrid AC/DC power systems for effective utilization of renewable energy" during 24 & 25, November 2017 at National Institute of Technology, Tiruchirappalli.
- G.Saravana Venkatesh, "Designing Micro-controller based Automatic Voltage Regulator of Alternator" during Feb 05, 2004, at Mepco Schlenk Engineering College, Sivakasi.

Patent Details:

- G.Saravana Venkatesh, Filled an Indian Patent titled as "Sterilizing Device and Method thereof" Application Number: 202041030019, filling date on 14/07/2020.