K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.

DEPARTMENT OF ELECTRICAL ANDELECTRONICS ENGINEERING

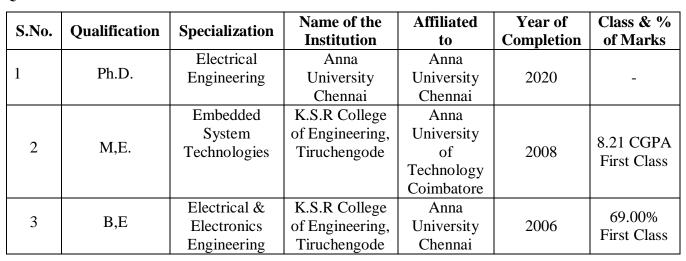### FACULTY PROFILE

Name : Dr.R.Senthil kumar

Designation : Assistant Professor

Date of Birth : 30.04.1984

Date of Joining : 24.12.2021

Qualification:

S.No.	Qualification	Specialization	Name of the Institution	Affiliated to	Year of Completion	Class & % of Marks
1	Ph.D.	Electrical Engineering	Anna University Chennai	Anna University Chennai	2020	-
2	M,E.	Embedded System Technologies	K.S.R College of Engineering, Tiruchengode	Anna University of Technology Coimbatore	2008	8.21 CGPA First Class
3	B,E	Electrical & Electronics Engineering	K.S.R College of Engineering, Tiruchengode	Anna University Chennai	2006	69.00% First Class

Title of Ph.D Thesis: Performance Comparison Based Selecting An Optimal Method For Fault Detection And Diagnosis Methods For Induction Motor**.**

Area of Interest: Embedded System, Renewable Energy and Energy Management and auditing.

Experience, Promotion & Designation Details (Chronological):

S.No.	Name of the Organization	Designation	Period From	Period To
1	K.S.R. College of Engineering	Assistant Professor	24.12.2021	Till Date
2	Sree Sakthi Engineering College	Assistant Professor	14.10.2019	22.12.2021
3	Adithya Institute of Technology	Assistant Professor	02.06.2010	24.05.2019
4	S.S.M College of Engineering	Lecturer	02.06.2006	05.06.2008

Patent Published/Filled:

Application Number	Publication Number	Invention Title	Application Date	Status
202141010796	12/2021	AN IOT BASED SYSTEM FOR WATER QUALITY MONITORING AND MANAGEMENT IN WASTEWATER TREATMENT PLANTS	15/03/2021	Published
364440-001	201750 - 19/05/2022	SOLAR CHARGING STATION	19/05/2022	Design Application Status

Research Publication Details:

1. R. Senthil Kumar, I. Kirubakaran, K. Janani, "Railway trail defense structure based IoT", International Journal of Advance Research, Ideas and Innovations in Technology, ISSN 2454-132X , Impact factor: 4.295 ,Volume 5, Issue 2 , Page no. 905 – 907.

2. Senthil Kumar R, Dr.D.Somasundareswari&Dr.S.Ramesh, 'Performance Comparison Based Selecting an Optimal Method for Fault Detection and Diagnosis Methods for Induction Motor', Journal of Electrical Engineering,Volume 4, Issue 1 ISSN 1582-4594, Annexure1,IF : 0.574

3. Title of the paper -Convolutional Neural Network Based Three Phase Induction Motor Fault Detection and Correction Published in International Journal of Printing, Packaging & Allied Sciences,Vol 04,Issue 01 & Page 438 to Page 452

4. Fault Detection of Induction Motors Using Continuous Curvelet Wavelet and Support Vector Machines, Published in International Journal of Control Theory and Applications (2016), Vol 09,Issue 36 & Page 673 to Page 683.

5. Title of the paper - Implementation of Motor Testing For Singlephase Induction Using IOT, Published inInternational Journal of Current Engineering And Scientific Research (IJCESR) 2018 volume-5, issue-2& pages 23-27.

Professional Society Membership:

- IEEE - Institute of Electrical and Electronics Engineers - Member
- IAENG-International Association of Engineers - - Member
- IAEMP- Indian Association of Energy Management Professionals - Member
- IDES – Institute of Doctors Engineers and Scientists - Member
- Research Gate - Member