



## Profile

Name: **Dr.C.R.Rajesh**

Designation:**AP**

Qualification: **ME, Ph.D**

He obtained **BE degree** from **JM institute of technology** with **first class** and **ME degree** from **Sathyabama Institute of Science and Technology** with **first class**. He had completed his research on **Harmonic mitigation techniques for enhancing power quality using DDSRF theory** from **Anna University**.

**His Area of interests are Power Electronics and EV.He Joined this Institute on 12.07.1999 and having more than 22 years of teaching Experience**

### Conference:

1. Presented a Paper entitled “Design of Fuzzy Logic Based Shunt Active Filter for Power Quality Conditioning Using CHB Inverter” in the International Conference on Electrical Electronics Information and Computational Applications, organised by Selvam College of Technology, Namakkal on 2nd and 3rd March 2016.
2. Presented a Paper entitled “Design and Implementation of Power Electronic Based Inrush Current Limiter” in the International Conference on Recent Trends in Engineering and Technology organised by C.S.I.Institute of Technology, Thovalai on 13th and 14th Mach 2014.

### Journal

1. Rajesh, CR& Umayal SP 2018, ‘Shunt Active Filter for Multi Level Inverter using DDSRF with State Delay Controller’, Journal of Power Electronics, vol.18, no.3, pp. 863-870, ISSN : 2093- 4718. (Annexure-I) (Impact Factor - 1.047).

2. Rajesh, CR& Umayal SP 2017, 'Indirect Current Control based Instantaneous Power controller of Cascaded Multilevel Inverter for Shunt Active Power Filter with LC Circuit.' Asian Journal of Research in Social Sciences and Humanities, vol. 7, no. 2, pp. 548-559, ISSN : 2249-7315.
3. Rajesh, CR& Umayal SP 2016, 'A Repetitive-Based Control for a Single-Phase Shunt Active Power Filter for Harmonic Voltage Compensation', International Journal of Modern Trends in Engineering and Research, vol.3, no.12, pp. 247-252, ISSN : 2349-974

**Professional Bodies:**

1. Life Member of Indian Society for Technical Education (ISTE) since 2010 and membership id is LM - 70277.
2. Life Member of International Association of Engineers (IAENG) and the membership number is : 291821.
3. Member of Institute of Research Engineers and Doctors (IREED) and the membership number is : SNM20210812447