

Name: K.Soujanya

## Personal Information

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Designation: Professor

Qualification: M.Tech

Experience: 13years

Specialization: Power Electronics & Drives

Date of Joining: 20-06-2008

Phone Numbers:9948698115

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## Achievements/Publications/Workshops/Seminar/Guest Lectures

### **Publication**

1. Published a paper on “Innovative Bidirectional Wind Mill, Parabolic Solare Termica and magnetic Leviated Wind Mill in a Hybrid renewable Energy Model with Extension” in International Journal & Magazine of Engineering,Technology,Management and Research(IJMETMR) ISSN :2348-4845.Issue:12 during December 2015
2. Published a paper on “Performance analysis of LCL Filter for Grid Interconnected System with Active damping” in International Journal & Magazine of Engineering,Technology,Management and Research(IJMETMR) ISSN :2348-4845.Issue:4 during April 2016
3. Published a paper on “Power Quality improvement by using 11 level Invereter” in International Journal of scientific Engineering and Technology Research,ISSN 2319-8885 during May 2015
4. Published a paper on “A Systematic Motor Drive with Autonomous Power Control Based on Cascading Multilevel Inverters Using SPWM” in International

Journal & Magazine of Engineering,Technology,Management and Research(IJMETMR) ISSN :2348-4845.Issue:4 during April 2015

5. Published a paper on “A Contemporary Custom Power Device Based on Dual Angle Control to Mitigate System Faults” in International Journal & Magazine of Engineering,Technology,Management and Research(IJMETMR) ISSN :2348-4845.Issue:4 during April 2015
6. Published a paper on “A Boost Converter Supplied by a Cockcroft Walton Voltage Multiplier” in IJEEAR Vol.2,Issue-2, during February 2014.
7. Published a paper on “Isolated Bidirectional Full-Bridge DC–DC Converter with a Flyback Snubber” in International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Issue-2 during May 2013
8. Published a paper on “Ann Based SVC Switching At Distribution Level for Minimal Injected Harmonics” in International Journal of Science and Modern Engineering (IJISME) ISSN: 2319-6386, Issue-4 during March 2013.
9. Published a paper on “Multi Input Direct DC–AC Converter With High-Frequency Link For Clean Power-Generation Systems” in International Journal of Engineering Research & Technology (IJERT) Issue 1ISSN: 2278-0181 during January 2013.

### **Workshops**

1. AICTE Sponsored 2 week FDP on “Application of Power Electronics in Renewable Energy Systems” CVR College of Engineering during 20-11-2017 to 04-12-2017
2. "ICTIEE 2017 "Fourth International Conference in Engineering Education during January 6-8,2017 at Vardhaman College of Engineering, Hyderabad
3. 1-Week FDP on MATLAB/ SIMULINK at CMRCET from 30/11/2015 to 5/12/2015
4. 1-Week FDP on PLC at CMRCET from 14-12-2015 to 20-12-2015

5. Faculty Development Program on " Industrial Automation" at CMR College of Engineering & Technology during 13-12-2014 to 19-12-2014
6. Work Shop on "Solar Energy and Energy Audit" at Work Shop on "Solar Energy and Energy Audit" during 20/12/2013to 21/12/2013
7. Workshop on "Wind Power and Wind Mills" at CMR College of Engg & Technology on 19/09/2012