

Dr. C. Sunanda

Assistant Professor		
Educational Qualification	ME (Power and Eneergy Systems) Ph.D	
Experience	Teaching: 22 years.	
Area of Interest	High Voltage Insulating Materials, Power system protection	
Date of Joining at RVCE	30/08/2002	
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Project Guided:

Number of UG project guided : 14

Number of PG project guided : 02

Publication Details:

International Journal : 06

International Conferences : 06

National Conferences : 03

International Journal :

1. Hemalatha .J.N, Sunanda C, "Development of sensorless MPPT for Wind Energy Conversion System using Z source converters", International Journal of Advance Research in Engineering, Science & technology, e-ISSN: 2393-9877, p-ISSN: 2394-2444 Volume 3, Issue 1, January-2016.
2. Hemalatha J N & Sunanda C "Implementation Of Space Vector PWM Technique For A Two Level 3 Phase Bridge Inverter Using DSP", International Journal Of Electrical And Electronics Engineers(IJEEE), Vol 8, Issue 2, July-December 2016, pp 11-23,ISSN(O)-2321 2055, ISSN(P)-2321 2045.
3. Sunanda C And Dinesh M N, "Ageing Study Of High Voltage Insulator With Nano Fillers", International Journal Of Electrical Engineering & Technology (Ijeet), International, September-October 2019, Volume 10,, Article Id: Ijeet_10_05_002, Issue 5, Pp. 7-16,.

4. Sudarshan adiga k1, prajwal shetty s.l2, c. Sunanda3, "Mini cnc drawing machine for pcb printing" international research journal of engineering and technology (IRJET) e-issn: 2395-0056 volume: 07 issue: 02 | feb 2020 www.irjet.net p-issn: 2395-0072
5. Hitesh , C. Sunanda , : "Modeling and Performance Analysis of an Electric Vehicle with MATLAB/Simulink ", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056Volume: 07 Issue: 06 | June 2020 www.irjet.net p-ISSN: 2395-0072
6. Prajwal Shetty S L, C Sunanda , "Wheel Speed Control Algorithm for Four-Wheel Hub Motor Drive ", International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429Volume 8 Issue VI June 2020- Available at www.ijraset.com
7. Sudarshan Adiga K, C Sunanda, "Simulation of Wireless Mobile Charging Model in LTSpice Software" International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429Volume 8 Issue VI June 2020- Available at www.ijraset.com.
8. Sudarshan Adiga K, Hitesh S, Pavan Kumar R3, C. Sunanda , " Waste Collection and Segregation Using 6 DoF Robotic Arm "Wutan Huatan Jisuan Jishu ISSN:1001-1749 Volume XVI, Issue V, May/2020,pp-406-414.

International conference :

1. Sunanda.C, Rajanna KM and Mahesan K V, "**Simulation Study and analysis of OFDM**", *International symposium on Devices, MEMS, Intelligent systems and communications*, Apr 12-14, 2011, SMIT, Sikkim
2. Hemalatha J N & Sunanda C "Implementation Of Space Vector PWM Technique For A Two Level 3 Phase Bridge Inverter Using DSP", 4th International Conference on Recent Trends in Engineering Science and Management (ICRTESM - 2016) ISBN: 978-93-86171-01-6 Date: 7th August 2016.
3. Sunanda C, Dinesh M N, N.Vasudev," Performance of Silicon Rubber Insulating Material with MgO and ZnO nanofillers" ,IEEE Conference 2016. (DOI: 10.1109/ICHVE.2016.7800774)
4. Shourya T R, Sunanda C, Srivani S G," Wireless Power Charging Outlook: A Study of Divergent Methodologies" 2019 Global Conference for Advancement in Technology (GCAT) 978-1-728n 1-3694-3 ©2019 IEEE DOI: [10.1109/GCAT47503.2019.8978370](https://doi.org/10.1109/GCAT47503.2019.8978370) IEEE *Xplore*: 03 February 2020 .
5. Shourya, T. Gowthami, M. Mangal, M. Panda, C. Sunanda and J. Shetty, "Collaborative Filtering Techniques for Recency Frequency Monetary Analysis," 2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA), Coimbatore, India, 2020, pp. 520-524, doi: 10.1109/ICIRCA48905.2020.9183087.
6. Sunanda C, Dinesh M N, N.Vasudev,, "Comparison of XRD analysis and leakage current in Ageing study of high voltage SR insulator with nano fillers " paper presented ,2020 IEEE international conference on high voltage engineering and application", paper presented sep 6-10 2020,BEIJing, china

National conference :

1. Jyothi D. R., Sunanda C., and Srinath H., "**Energy efficient lighting using power factor correction**", *National Conference on Computational Intelligence in Electrical and Electronics Engineering (NCIEEE)*, March 1st and 2nd ,2012, Sathyabhama University Chennai, Tamilnadu.
2. Jyothi D. R., Sunanda C., and Srinath H., "**Design of an LED Driver for Low Power Energy Efficient Lighting**", *ETET 2012*, 9th and 10th - March 2012 , Jyothy Institute of Technology, Bangalore.
3. Hemalatha.J.N, ,sunanda.C, "**Closed loop bidirectional speed and position control of dc motor Atmega 32 microcontroller**", 19th and 20th September,2013. SSIT, tumkur. ISSN: 978-81-927765-0-1.