

Dr.Suresh .C

Assistant Professor		
Educational Qualification	MTech, VTU Ph.D	
Experience	Teaching: 20 yrs	
Area of Interest	HV, Power Electronics, Embedded systems	
Date of joining at RVCE	04/04/2005	
Email ID	sureshac@rvce.edu.in	

Project Guided:

Number of UG project guided: 12

Number of PG project guided: 06

Publications:

International Journals : 01

International Conferences : 04

National Conferences : 02

International Journals:

1. [Suresha, C.](#), [Rudranna, N.](#), [Khan, F.A.](#) Effect of Nano particles in improvement of dielectric characteristics of liquid insulation, 2023 IEEE Electrical Insulation Conference, EIC 2023, 2023
2. [Suresha, C.](#), [Halli, R.N.](#), [Khan, F.A.](#) "Characterization of Refined Coconut Oil for Its Use as Transformer Liquid Insulator ECS Transactions" This link is disabled., 2022, 107(1), pp. 15155–15164
3. [Srivani, S.G.](#), [Suresha, C.](#), [Theertha, K.N.S.V.](#), [Chandan, D.](#) "Adaptive Protection Scheme for Renewable Integrated Microgrid—A Case Study" Smart Innovation, Systems and Technologies, 2021, 195, pp. 545–554
4. Suresha C, N Rudranna, Faheem Ahmed Khan, " [Enhancement of characteristics of ester based insulating oil in the presence of nano composites](#) ", 2023/4/25 , Materials Today: Proceedings, 2023, Elsevier
5. Rajashree Shettar¹ Badarinath Kamasetty¹, Mahesh Renduchintala¹, Lochan Lingaraja Shetty², Suresh Chandarshekar² " [Design and development of portable smart traffic signaling system with cloud-artificial intelligence enablement](#) " 2022/4, Indonesian Journal of Electrical Engineering and Computer Science, Volume 26, Issue No 1 Pages 116~126, Indonesian Journal of Electrical Engineering and Computer Science

- Ashish kumar, Suresh C, "**Analysis Design and Implementation of Snubber Less Current- Fed Bidirectional Full Bridge Dc-Dc Converter**", IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 9, Issue 3 Ver. V (May – Jun. 2014), PP 44-52

International Conference:

- Suresha C, Dr. Rudranna Nandi Halli and Faheem Ahmed Khan Sr., Study on Refined Coconut Oil As Transformer Liquid Insulation", 2022 ECS - The Electrochemical Society [ECS Transactions](#), [Volume 107](#), [Number 1](#), DOI 10.1149/10701.15155ecst
- Suresha C, Dr Rudranna Nandihalli "**investigation of sulphur in the destruction of the paper oil insulation**" ,Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECOT) 14-15, December 2018,978-1-5386-5130-8
- Supreetha.S, Suresh. C, "**Implementation of power management specs in Low Power Devices Using FPGA**", the *International Conference Electrical and Electronics Engineering*, June 2012, Mysore.
- S. Avinash, Sneha Mittra, Sudipta Nayan Gogoi, and C. Suresh, "**Intelligent car parking system using PLC**", *International conference on Electronics and Communication Engineering (ICECE2012)*, Bangalore, 20 May 2012.
- Suresh C, Sandeep Rao S, Jayaprakasha S, Kiran Kumar V, Narashimha Murthy A "**Implementation of FACTS Devices for Voltage Profile Enhancement in a Power System**" *International Conference on Information & Communication Engineering (ICICE)* held during 28th -29th JUNE, 2013 at PUNE.

National Conference :

- Sujay R Nayak ,Suresh C, "**Comparative performance of bridge and multilevel inverter**" *National conference on "Advanced Research Methodologies in Electrical Engineering"*, ARMEE-2013 organized by Department of Electrical Electronics Engineering ,Madanapalle Institute of Technology ,during 27th June 2013 under TEQIP-I
- Suresha C,Dr Rudranna Nandihalli, "Role of Passivator in Prevention of Insulation Destruction by DBDS" ,Second National Power Engineering Research Scholars' Conference (NPERSC) at IIT Madras, during 24-25 February, 2018.(Poster presentation)

Training Programs Attended

- Trained in PLC, Pneumatic & Hydraulic application AT VTU- Rexroth Bosch Lab Mysore.
- Undergone training in Linux system programming, embedded Linux and driver development, CDAC, Hyderabad.

Industry Institute Interaction:

- Involved with Wipro Academy of Software Excellence in delivering lectures on Digital Electronics, Microprocessors, Computer Organization. Software Architecture and Object Oriented Analysis and Design.

Projects Carried out: Co-Investigator for a project titled

Funded Project :“Characterization of electric double layer supercapacitor with CNT-Conducting polymer/Metal Oxide composites and Nano dielectrics”. in collaboration with Department of Electrical and Electronics engineering. Funding Agency: Central Power Research Institute (CPRI) Bengaluru.

Amount Sanctioned: 16 lakhs, Period of project: 2016-2018.

Consultancy Projects from TE Connectivity Pvt. Ltd. Bengaluru

Design and development of automatic Traverse winder with vision system and interleave paper for stamping press.

Consultancy Projects from TE Connectivity Pvt. Ltd. Shriwal, Pune

1. Reliability testing of Raspberry Pi.

Srivani, S.G., Suresha, C., Theertha, K.N.S.V., Chandan, D.Adaptive Protection Scheme for Renewable Integrated Microgrid—A Case Study Smart Innovation, Systems and Technologies, 2021, 195, pp. 545–554