




# P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

## Faculty Profile

### General

Name	D M Srinivasa	
Designation,	Assistant Professor	
Department & Affiliated Institution	Department of Electrical & Electronics Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	High Voltage Engineering, Dielectric Materials	
Contact Number	+91 9448233256	
Email ID	<a href="mailto:dmsrinivasa.pesce@gmail.com">dmsrinivasa.pesce@gmail.com</a>	

### Academic Profile

#### Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
M. Tech	MCE, Hassan	VTU	2001	86	FCD
B.E	BIET, Davangere	Kuvempu	1997	52	Second

#### Professional Experience

Organization and Department	Designation	Period	Total Experience
PDIT, Hospet ( EEE)	Lecturer	6/6/2001 to 7/4/2008	07
PESCE, Mandya(EEE)	Assistant Professor	8/04/2008 to Till date	---

#### Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Basic Electrical Engg, Transformers and Induction Machines, DC Machines and Synchronous Machines, Ele Machine Design, Transmission and Distribution, Utilization of Electrical power, High voltage Engg, Auto CADD, Energy Auditing and Demand Side Management
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#### Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	01	08
Conferences/Symposia	00	03

#### Other Important Responsibilities Held in the College

1. Solar power plant In charge	3. BoS and BoE Member
2. Coordinator for Alumni Association	4. Department level Consultancy In charge

## LIST OF PUBLICATION

- D M Srinivasa “ Impact of Antioxidant and degasification on a new liquid dielectric suitable for transformer applications”, 2nd International conference on TOPICAL TRANSCENDS IN SCIENCE, TECHNOLOGY & MANAGEMENT (ICTTSTM-2020) at Sai Vidya Institute of Technology, Bengaluru, Karnataka on 12th July2020.
- D M Srinivasa “Review on MPPT Techniques for Solar PV Array System” Deokali, Uttar Pradesh 10th & 11th Jan 2020 Article Info Vol-68-Issue-30-February-2020 Published by: Our Heritage, ISSN: 0474-9030, Page No. 7887 –7894.

3. D M Srinivasa “Comparative study of Breakdown Phenomena and Viscosity in Liquid Dielectrics”, 2019 IEEE Innovations in Power and Advanced Computing Technology (i-PACT) at VIT, Vellore on 23rd march 2019.
4. D M Srinivasa, Chandini P R, Harshitha S, Jayasurya J, K Lakshmana “Fabrication of Bio-Battery for Home Automation”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 8, Issue 7, July2020 , ISSN (Online) 2321-5528 ISSN (Print) 2321 — 2004, page No.12-16.
5. D M Srinivasa, Dr.Usha Surendra “Investigation of Dielectric Properties of Indigenous Blended Ester oil for Electric system applications”, Special Issue on Multidisciplinary Innovation in Engineering Science & Technology organized by Advances in Science, Technology and Engineering Systems Journal (ASTESJ), ISSN: 2415-6698, Volume 5, Issue 5, Page No 669-673, 2020 -DOI: 10.25046/aj050582-Scopus Indexed Journal
6. Doddasiddavanahalli Mukundappa Srinivasa , Jeevan Thalithanooji Jayanth, Nikhitha Banasvadi Krishna, Sahana Mallanakuppe Jagadeesh,Gurunatha, , “Design and Simulation of Hybrid Renewable Energy system design by Artificial Neural Network approach”, IJRECE VOL. 6 ISSUE 3 ( JULY - SEPTEMBER 2018) ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE).
7. D M Srinivasa, Chandrakanth B, Flavia Valentina, Pooja B S, Suneel “Comparison of PD Activity for Different Solid Dielectrics Having Cubical Void using MATLAB Simulink”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 5, Issue 5, May 2017, ISSN (Online) 2321 ISSN (Print) 2321 — 2004, page No.224-232.
8. D M Srinivasa, Chandrakanth B, Flavia Valentina, Pooja B S, Suneel, “Comparison of PD Activity in Cubical Void for Different Dielectrics using MATLAB Simulink”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 5, Issue 5, May 2017, ISSN (Online) 2321 ISSN (Print) 2321 — 2004,page No 210-218.
9. D M Srinivasa, Chandrakanth B, Flavia Valentina, Pooja B S, Suneel, “Partial Discharge of a Teflon as a Solid Dielectric using MATLAB Simulink” International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 5, Issue 5, May 2017, ISSN (Online) 2321 ISSN (Print) 2321 — 2004,page No 187-195
10. D M Srinivasa, Chandrakanth B, Flavia Valentina, Pooja B S, Suneel, “Analysis of Partial Discharge in Rubber a Solid Dielectric Using MATLAB Simulink”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 5, Issue 5, May 2017, ISSN (Online) 2321 ISSN (Print) 2321 — 2004,page No 177-186.
11. D M Srinivasa, Chandrakanth B, Flavia Valentina, Pooja B S, Suneel, “Comparative Study of Different Phenomena in Liquid Dielectrics at Different Gap Distances”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 5, Issue 5, May 2017, ISSN (Online) 2321 ISSN (Print) 2321 — 2004,page No 31-38.
12. D M Srinivasa , Harish B N, Harisha K S “Analysis Study on Partial Discharge Magnitudes to the Parallel and Perpendicular Axis of a Cylindrical Cavity”, International Journal of Engineering Trends and Technology (IJETT) – Volume-45 Number7 -March 2017.