

Sl. No	Title of the paper with Authors	Publication details (Journal/conference,, Mon, Year, Vol, Issue, pp, etc)	IJ/IC/N C/NJ	ISSN/ISBN/DOI	Impact factor / SCOPUS indexed	Year
Dr. S S Parthasarathy						
1.	Numerical Simulation Of A Highly Maneuvering Target In 2D Using The Bayesian Framework	International Journal of Scientific & Technology Research Volume 9, Issue 02,	IJ	ISSN 2277-8616	Scopus	2020
2.	IMM-CKF and Posterior Cramér-Rao Lower Bound for a Highly Maneuvering Target	Solid State Technology Volume: 63 Issue: 4, Publication Year: 2020	IJ	0038111X	----	2020
3.	Estimation and Guidance for Maneuvering Targets	International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), Mandya	IC	----	-----	2015
4.	Probabilistic Principal Component Analysis and Long Short-Term Memory Classifier for Automatic Detection of Alzheimer's Disease using MRI Brain Images	Journal of the institution of engineers	J	ISSN 2250-2114	0.237	2021
5.	Detection of Alzheimer's disease using grey wolf optimization based clustering algorithm and deep neural network from magnetic resonance images	Distributed and Parallel Databases	J	ISSN:0926-8782	Scopus 1.48	2022
Prof. D M Srinivasa						
1	Comparative study of Breakdown Phenomena and Viscosity in Liquid Dielectrics.	Conference-2019 IEEE Innovations in Power and Advanced Computing Technology (i-PACT) at VIT, Vellore. Published in IEEE with DOI: 10.1109/i-PACT44901.2019.8960134 ISBN:978-1-5386-8191-6	IC	DOI: 10.1109/i-PACT44901.2019.8960134	Scopus	2019
2	Review on MPPT Techniques for Solar PV Array System	Vol-68-Issue-30-February-2020	NC	ISSN: 0474-9030	---	2020
3	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), DOI:10.25046/aj050582 Volume 5, Issue 5, Page No 669-673, 2020	IJ	DOI:10.25046/aj050582 ISSN: 2415-6698.	Scopus	2020
4	Impact of Antioxidant and degasification on a new liquid dielectric suitable for transformer applications	European journal of molecular and clinical medicines, Vol 7, Issue 8, 2020, pp2634-2641	IJ	SSRN Digital Library https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3711922 ISSN 2515-8260	-----	2020
5	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-	IC	-----	-----	2020

		2020) at SaiVidya Institute of Technology, Bengaluru				
6	Fabrication of Bio-Battery for Home Automation	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering Vol. 8, Issue 7, July 2020 ISSN (Print) 2321-5526	IJ	ISSN (Online) 2321-2004	-----	2020
7	Intoduction, History, Types and Application of Lithium ION Battery (A Review)	International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 12 Dec 2020	IJ	e-ISSN: 2395-0056	-----	2020
8	Performance Analysis of Indigenous oil as Alternate to Transformer Insulation for Power System Applications	International Conference on Recent Trends in Science and Technology – ICRTST 2021at ATME, Mysore	IC	-----	-----	2021
9	Investigation of Electrical properties of Indigenous Natural Ester Liquid used as Alternate to Transformer Insulation for Power System Applications	Indonesian Journal of Electrical Engineering and Computer Science(IJEECS) Vol.29, No. 2, February 2023, pp. 609~617	IJ	DOI: 10.11591/ijeecs.v29.i2.pp609-617.	Scopus	2023
Prof. B N Harish						
1	Power Quality Impacts and Mitigation Measures in Grid Connected Electric Vehicle System	4thInternational Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques(ICEECCOT-2019),13,GSSS,Mysore	IC	-----	-----	2019
2	Review on power quality issues in electric vehicle interfaced distribution system and mitigation techniques	Indonesian Journal of Electrical Engineering and Computer Science Vol. 25, No. 2, February 2022, pp. 656~665 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v25.i2.pp656-665	IJ	ISSN: 2502-4752, DOI: 10.11591	Impact factor0.7S COPUS	2022
3	Comparison of DQ Method with I cosØ Controller in solar power system Connected to grid with EV load	International Conference on Distributed Computing and Electrical Circuits and Electronics ICDCECE-APR22,Ballari ,Karnatka DOI: 10.1109/ICDCECE53908.2022.9792847	IC	DOI: 10.1109/ICDCECE53908.2022.9792847	SCOPUS	2022
Dr. S GopiyaNaik						
1	Programmable Protective device for LV distribution system protection	International academic journal on Protection and Control of Modern Power Systems (Springer), Vol. 3, No. 28, pp. 1-6, September 2018.	IJ	2367-0983	Springer 7.139	2018
2.	An Improved design of smart alarm system for hearing impaired people using Arduino	International Journal for Scientific Research and Development, Vol. 7, issue 1, March 2019.	IJ	2321-0613	-----	2019
3	Optimal Sizing and Siting of DG in Electrical Networks based on Systematic method	International Journal of Recent Technology and Engineering (IJRTE),Vol. 8, No. 2, pp. 2674-83, September 2019	IJ	2277-3878	Scopus 4.69	2019

4.	Design and Implementation of Feedback Control System for 6-DOF Stewart Platform	International Journal of Advanced Research, Vol.7, No. 10, pp. 28-40, October 2019	IJ	2320-5407	-----	2019
6.	Automatic Strategy to Control Entire Villager's Water Valves with User Level Authentication	International Journal of Research Publication, Vol. 9, No. 12, December 2019	IJ	2250-3153	-----	2019
7.	OTP based Lineman Security System	International Journal of Engineering Research and Technology, Vol. 9, No. 2, pp. 194-199, February 2020	IJ	2278-0181	-----	2020
8	<i>Dual mode DC-DC Power Converter for Solar Battery Charger</i>	SSRG International Journal of Electrical and Electronics Engineering, Vol. 7, No.7, pp. 1-5, July 2020	IJ	2348-8379	-----	2020
9	Arduino based Earthquake Detector using Accelerometer	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 9, No. 7, pp. 2003-2008, July 2020.	IJ	2278-8875	-----	2020
10	IoT based Monitoring and Control of Faults in Power Distribution Transformers	”, SSRG International Journal of Electrical and Electronics Engineering, Vol. 7, No.12, pp. 37-41, December 2020	IJ	https://doi.org/10.14445/23488379/IJEEE-V7I12P107	-----	2020
11	Design Requirements of Solar Powered Plug-in Hybrid Electric Vehicles	Turkish Journal of Computer and Mathematics Education, Vol. 12, No. 3, pp. 4635-4641, April 2021	IJ	4635-4641	Scopus 0.95	2021
12	Epileptic seizure detection using novel Multilayer LSTM Discriminant Network and dynamic mode Koopman decomposition	Biomedical Signal Processing and Control, Vol. 68, pp. 1-12, July 2021.	IJ	1746-8094	Scopus 5.076	2021
13	Design of flexible floating point processing element architecture based on golay code strategy	International Journal of Wireless personal Communications (Springer Nature), Published online 24 February 2022	IJ	https://doi.org/10.1007/s11277-022-09634-w	Springer 2.017	2022
14	Battery Parameter Monitoring and Control System for Electric Vehicles	SSRG International Journal of Electrical and Electronics Engineering, Vol. 9, No.3, pp. 1-6, March 2022	IJ	2348 – 8379	-----	2022
15	AC Digital Smart Meter using Arduino and PZEM-004T	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 11, No. 4, pp. 1610-1616, April 2022.	IJ	2320 – 3765	8.18	2022
16	An Efficient Architecture Implementation of a Golaycode Encoder in CMOS 45nm Technology	International conference on Electrical, Computer and Energy Technology, Prague, 20-22, July 2022	IC	-----	Scopus	2022
17	Modelling and Simulation of Solar Energy Storage System for Electric Vehicle	International Conference on Futuristic Technologies, IEEE Bangalore section, 25-27, November 2022	IC	https://doi.org/10.1109/INCOFT5565.1.2022.10094323	Scopus	2022
18	A novel study on EVs smart charging Optimization	IEEE ICERECT, 15 March 2023	IC	https://doi.org/10.1109/ICERECT56837.2022.10059758	Scopus	2023

Dr. C Sunil Kumar						
1	Bacterial Foraging and Seagull Optimization Algorithm based THD level Comparison for Fly back Converter in Grid Connected PV System	International Journal of Engineering Trends and Technology. Volume 70 issue 6, 379-394, June 2022	IJ	E-ISSN:2231-5381 P-ISSN:2349-0918	SCOPUS 0.72	2022
2	Power Quality Improvement in Grid Integrated PV Systems with SOA Optimized Active and Reactive Power Control	Journal of Electrical Engineering and Technology Published online, 23 August 2022(SPRINGER)	IJ	ISSN-19750102	SPRINGER 1.528	2022
3	Bacterial Foraging Optimization Based Maximum Power Point Tracking for Photovoltaic System under Partially Shaded Condition with Interleaved Resonant Fly-back Converter	ICEECS, Deokali, UP Jan / Feb 2020	IC	ISSN 0193-4120 ISBN 978-93-89107-70-8	SCOPUS Till Dec 2020	2020
4	Power Quality Enhancement in Grid-connected PV System for Z Source Inverter with Seagull Optimization Algorithm	American Institute of Physics Conference AIP Conf. Proc. 2640, 020013-1-020013-11	IC	ISSN: 0094-243X ISBN: 978-0-7354-4395-2	SCOPUS	2022
Dr. Mahesh Kumar K M						
1.	Modeling and simulation of partial discharge and calibration Circuit for void in solid insulation	Journal of Data Acquisition and Processing Vol. 38 (1) 2023. https://sjcjycl.cn/ DOI: 10.5281/zenodo.7735496	IJ	ISSN: 1004-9037	SCOPUS	2023
2.	Experimental investigation of partial discharge patterns of Mineral oil and synthetic ester oil	Advanced Engineering Science, Volume 54, Issue 02, December, 2022	IJ	ISSN: 2096-3246	SCOPUS	2022
3.	“Design of Matching Impedance and Amplifier Circuit for Partial Discharge Measurement” Mahesh Kumar K M, Dr. B. Ramachandra	International Journal of Advanced Science and Technology, vol. 29, no. 7s, (2020), pp. 2020-2026; http://sersec.org/journals/index.php/IJAST/article/view/12581	IJ	ISSN: 2005-4238	SCOPUS	2020
4.	“Analysis of Partial Discharge Patterns of Natural Ester Oil and Mineral Oil Used in Power Transformer”, Mahesh Kumar K M, Dr. B. Ramachandra, L. Sanjeev Kumar	Materials Today Proceedings an Elsevier Journal ISSN: 2214 53, 2001, https://doi.org/10.1016/j.matpr.2020.12.868	IJ	2214-7853	SCOPUS	2021
5.	“A Comparative Study of Partial Discharge Pulse Time Characteristics of paper Insulation Impregnated with Mineral Oil, Natural Ester and Synthetic Ester Oil”, Mahesh Kumar K M, Dr. B. Ramachandra, L. Sanjeev Kumar	Journal of Qualitative Inquiry (TOJQI) Volume 12 No. 6, July 2021: 5626- 5636, https://www.tojqj.net/index.php/journal/article/view/2380	IJ	1309-6591	SCOPUS	2021
6.	“Analysis of Phase Resolved Partial Discharge Patterns of Kraft Paper Insulation Impregnated in Transformer Mineral oil” Mahesh Kumar K M, Dr. B. Ramachandra, L. Sanjeev	IEEE 2020 International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India, 2020, pp. 1157-1161, doi: 10.1109/ICOSEC49089.2020.	IC	ISBN: 978-1-7281-5460-2	SCOPUS	2020

	Kumar	9215344				
7.	“Calibration of Partial Discharge Measuring System by a Reference Square Wave” Mahesh Kumar K M, Dr. B. Ramachandra	Test Engineering & Management, January-February 2020 ISSN: 0193-4120 Page No. 16276 – 1628 https://www.testmagzine.biz/index.php/testmagzine/article/view/3393	IJ	0193 - 4120	SCOPUS	2020
8.	“Breakdown Voltage and Partial Discharge Inception and Extinction Voltage Variations in Mineral, Natural and Synthetic Ester Oils” Mahesh Kumar K M, Dr. B. Ramachandra	Turkish Online Journal of Qualitative Inquiry (TOJQI) volume 12, Issue 7, July 2021: 6715-6722, https://www.tojqi.net/index.php/journal/article/view/4907	IJ	1309-6591	SCOPUS	2021
9.	“Design and Implementation Of An Efficient Soft Switching Inverter Fed AC Drive” Mahesh Kumar K M, Dr. P S Puttaswamy	International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 01 Jan -2017, e-ISSN: 2395 -0056 Page No. 1164-1168.	IJ	2395 -0056	Peer reviewed	2017
10.	PLC Based Closed Loop Speed Control Of DC Shunt Motor” Mahesh Kumar K M	International Journal of Advanced Engineering Research and Applications, Volume 2, Issue 9 Pages 575-582.	IJ	2454-2377	Peer reviewed	2017
11.	“Speed Control of Three Phase Induction Motor Using PLC under Open and Closed Loop Condition” Mahesh Kumar K M, Dr. B Ramachandra	Int. Journal of Engineering Research and Application, ISSN: 2248-9622, Vol. 7, Issue 1, (Part -4) January 2017, pp.34-39	IJ	2248-9622	Peer reviewed	2017

Dr. Radhika M N

1.	Revisiting the Bearings-only Filtering Problem	ICCAIS, Hanoi	IC	ISSN: 2475-7896	----	2022
2	IMM-CKF for a Highly Maneuvering Target Using Converted Measurements.	ICCAIS, Xi'an, China, Oct. 16	IC	ISSN: 2475-7896	----	2021
3	Performance Evaluation of IMM-based Nonlinear Filters for a Highly Maneuvering Aircraft	ICCAIS, Xi'an, China, Oct. 16.	IC	ISSN: 2475-7896	----	2021
4	Numerical Simulation Of A Highly Maneuvering Target In 2D Using The Bayesian Framework”	International Journal of Scientific & Technology Research Volume 9, Issue 02,	IJ	ISSN 2277-8616	SCOPUS 8.154	2020
5	IMM-CKF and Posterior Cramér-Rao Lower Bound for a Highly Maneuvering Target	Solid State Technology Volume: 63 Issue: 4, Publication Year: 2020	IJ	----	----	2020
6	Estimation and Guidance for Maneuvering Targets	International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), Mandya	IC	ISBN:978-1-4673-9563-2	----	2015

Prof. Srinath M S

1.	Enhancement of Charging Efficiency of Batteries for Electric Vehicles: Review	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	IC	INSPEC Accession Number: 2277731 0, <u>10.1109/ICEREC</u> <u>T56837.2022.1006</u> <u>0243</u>	-----	2022-23
2.	Smart Mirror with Home Automation	National Conference on Developments in the domain of Engineering Sciences	NC	-----	-----	2021-22
3.	Design & Implementation of a Low-Power-factor Enhancer	National Conference on Developments in the domain of Engineering Sciences	NC	-----	-----	2021-22
4.	Portable Spot-Welding Machine Design & Implementation	National Conference on Developments in the domain of Engineering Sciences	NC	-----	-----	2021-22
5.	A Review on MPPT Techniques for Solar PV Array System”.	National Conference on Developments in the domain of Engineering Sciences	NC	-----	-----	2020-21
6.	Optimized ALU with BIST implementation using encounter platform	IJIREEICE	IJ	Vol. 8, Issue 7, July 2020	-----	2020-21