



Geetha Shishu Shikshana Sangha (R)

GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)
KRS Road, Metagalli, Mysuru- 570 016, Karnataka

Accredited with Grade 'A' by NAAC

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Faculty Publication Details 2021

Sl No.	Name of the Faculty	Paper Title /Name of the article	Journal/ Conference	DOI/Volume/ISSN	Impact Factor	Moth/Year of publicaiton
1	Dr. P S Puttaswamy	A Fusion Method for Automated Segmentation of the Lungs from the Chest XRays	Springer, Singapore	ISBN 978-981-16-0980-0	-	19th June 2021
2		Analysis of Power Quality Disturbances in Industrial Distribution System	Journal of Huazhong University of Science and Technoly	ISSN-1671-4512	-	Nov-21
3	Dr. Jagadisha N	Plasma Based Hybrid Technique For Abatement Of Pollutants From Stationary Engine Exhaust - Type Of Fuel, Loading Condition And Flow Rate	Urban Air Quality Monitoring, Modelling and Human Exposure Assessment	ISSN 2363-7641/ISSN 978-981-15-5511-4	-	Mar-21
4	Dr. Raghvendraprasad Deshpande	Sliding Mode based Modified Reference Voltage Control aided Maximum Power Point Tracking for Photovoltaic fed Brushless DC Motor System	Intelligent Computing in Control and Communication, Lecture Notes in Electrical Engineering, Springer, Singapore, (Scopus Indexed)	Vol. 702, pp. 627-646,	1.25	1 January 2021
5		Bus Clamped Modulation For Harmonic Minimization In Vector Control Of Induction Motor Drives	International Journal of Advanced Research in Engineering and Technology (Scopus Indexed)	Vol. 12, Issue 1, pp. 760-770.	10.9475	1 January 2021
6		Simulation and Analysis of Solar PV System with Boost Converter for Load management	International Journal of Research in Engineering and Science	Vol. 9, Issue 2, pp. 28-35	0.38	21 February 2021

Springer
Scopus Index
IEEE

Sl No.	Name of the Faculty	Paper Title /Name of the article	Journal/ Conference	DOI/Volume/ISSN	Impact Factor	Moth/Year of publicaiton
7	Dr. Raghvendraprasad Deshpande	Optimal EV Placement using Partical Swarm Optimization Algorithm	AICTE Sponsored 5th International conference, ICEECCOT-2021,GSSSIETW, Mysuru	Conference proceedings and IEEE Explore		10th & 11th December 2021
8		A Linear Bidding Algorithm for Single Seller Single Buyer Energy Trading Model in Grid -tied Micro grid		Conference proceedings and IEEE Explore		
9	Bharatehseh Patel N	Design of an 8-bit Low Power Flash ADC in 90-nm	International Conference on Interdisciplinary Research in Science, Engineering and Technology ICIRSET-21	ISSN:1583-6258, Vol. 25, Issue 2, 2021, Pages. 960 - 966	6.2	8-Feb-21
10		Design of an 8 bit Pipeline ADC using Flash and Delay Line Architecture	Second International Conference for Emerging Technology (INCET)	-	-	21 & 23 May 2021
11		Design of a Low Power Three -Stage Amplifier in 90 nm	AICTE Sponsored 5th International conference, ICEECCOT-2021,GSSSIETW, Mysuru	Conference proceedings and IEEE Explore	-	10th & 11th December 2021
12	Chethan H R	Green Charge: Management Solar Energy in Smart Buildings	AICTE Sponsored 5th International conference, ICEECCOT-2021,GSSSIETW, Mysuru	Conference proceedings and IEEE Explore		10th & 11th December 2021
13		Performance studies on SSSC and TCSC for transient stability Improvement of Power system				

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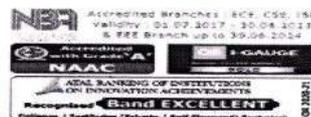
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Faculty Publication Details 2022

SI No.	Name of the Faculty	Paper Title /Name of the article	Journal/ Conference	DOI/Volume/ISSN	Impact Factor	Moth/Year of publication
1	Dr.G. Sreeramulu Mahesh	Energy Management analysis on Smart Street Lighting for Smart Cities	International conference on VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded system	Conference Proceeding (Published in Springer Journal, Lecture Notes - 29th August 2023- https://link.springer.com/chapter/10.1007/978-981-99-4444-6_19)	-	22nd and 23rd December 2022
2	Dr.Jagadisha N	An laboratory Investigation on Abatement of Oxides of Nitrogen(Nox), Carbon Monoxide(CO), and Volatile Organic Compounds (VOC) Using Pulse Powered Dielectric Barrier Discharge Plasma Hybrid Technique	National Conference on "Recent Developments and Evolving Trends in Plasma Science and Technology & Pre-conference Workshop on Modelling and Simulation of Industrial Plasmas" Department of Physics, Bharathiar University, Coimbatore.	Conference proceedings		22nd to 24th September 2022
3	Dr. Raghavendraprasad Deshpande	An laboratory Investigation on Abatement of Oxides of Nitrogen(Nox), Carbon Monoxide(CO), and Volatile Organic Compounds (VOC) Using Pulse Powered Dielectric Barrier Discharge Plasma Hybrid Technique	National Conference on "Recent Developments and Evolving Trends in Plasma Science and Technology & Pre-conference Workshop on Modelling and Simulation of Industrial Plasmas" Department of Physics, Bharathiar University, Coimbatore.	Conference proceedings		22nd to 24th September 2022
4	Ashwini K R	Optimised speed control of DC Motor using PID Controller	International conference on Recent trends in Engineering & Technology(ICRTET-2022)	International Conference & KSRM College of Engineering, Kadapa , AP		29th December 2022
5	Mrs. Shilpashri V N	A comprehensive Review on Recent Trends in Power Quality Enhancement of Renewable Energy Systems using Custom Power Devices	International Conference on "Recent Trends in Science & Technology - 2022, ATMCE , Mysuru and Grenze International Journal of Engineering and Technology	Grenze ID: 01, GIJET.9.1.673	3.8	May-22
6	Ms. Chaitrashree S R	IoT Mining Tracking and Worker Safety Helmet CASCADDED Multilevel Inverters for Photovoltaic Power system Applications	International conferecne on Recent Trends in Engineering and technology (ICRTET 2022), KSRM College of Engineering, Kadapa, Andhra Pradesh	Conference proceedings	-	29th December 2022
7	Mrs. Swathi K	Embedded Control for Pollution Free Zone	International Journal of Science & Engineering Development Research	(IJSER) ISSN: 2455-2631- Volume 7 Issue 10	-	1 October 2022
8	Mrs. Smitha S Kamble	An laboratory Investigation on Abatement of Oxides of Nitrogen(Nox), Carbon Monoxide(CO), and Volatile Organic Compounds (VOC) Using Pulse Powered Dielectric Barrier Discharge Plasma Hybrid Technique	National Conference on "Recent Developments and Evolving Trends in Plasma Science and Technology & Pre-conference Workshop on Modelling and Simulation of Industrial Plasmas" Department of Physics, Bharathiar University, Coimbatore.	Conference Proceedings		22nd to 24th September 2022

Springer
 International journals
 UGC Care
 National Conference
 International Conference

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9	Ms. Apoorvashree H L	Embedded Control for Pollution Free Zone	International Journal of Science & Engineering Development Research	(IJSER) ISSN- 2455-2631- Volume 7 Issue 10	-	1 October 2022
10		Application and Comparison of Optimal LQR Controllers for UPFC with wide range of Operating Conditions in Power System	ADBU-Journal of Engineering Technology AJET, ISSN: 2348-7305, Volume 11, Issue2, June, 2022, 0110203022(SPP)	, ISSN: 2348-7305, Volume 11, Issue2, 0110203022(SPP) UGC	-	Jun-22

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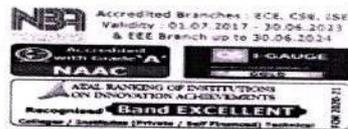
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1	Dr.G. Sreeramulu Mahesh	An Optimization filter Design with Cuckoo Search Algorithm for Industrial Micro grids	2023 International conference on Signal Processing, Computation, Electronics, Power and Telecommunications (IConSCEPT)	IEEE (https://doi.org/10.1109/IConSCEPT57958.2023.10170303)		25th & 26th May 2023
2	Dr. Jagadisha N	Experimental investigation on NOX and CO pollutant Removal from processes Stationary Diesel Engine Exhaust by Dielectric Barrier Electrical Discharge Plasma Hybrid	3rd International Conference on sustainable Energy, Environment and Green Technologies	ICSEEGT 2023/Springer		27th and 28th June 2023
		An laboratory Investigation on Abatement of oxides of Nitrogen, Carbon Monoxide, and Volatile Organic Compounds(VOC) using pulse powered dielectric Barrier Discharge Plasma Hybrid techniqueAdvances in Computational Intelligence, Paradigms and Applications	S N Computer Science	Springer Nature Journal/s42979-023-01787 (Q2)		26th April 2023
		Design & Development of Roof top solar grid Electric Vehicle charging station with real time data monitoring system	First International conference on recent trends and Innovations in sustainable electrical energy systems RISEE 2023	Conference Proceeding		30th , 31st March 2023
		Electric Vehicle Charging Station Techniques with Data monitoring System An review	International Journal of Advance Research in Electrical and Instrumentation Engineering	(ARTICLE IN INTERNATIONAL JOURNAL) ISSN:2320-3765/Volume 12, Issue 2	8.18	Feb-23

- IEEE
- Springer
- Scopus Journal
- UGC Care
- International Conference

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3	Dr. Raghavendraprasad Deshpande	Experimental investigation on NOX and CO pollutant Removal from processes Stationary Diesel Engine Exhaust by Dielectric Barrier Electrical Discharge Plasma Hybrid	3rd International Conference on sustainable Energy, Environment and Green Technologies	ICSEEGT 2023/Springer		27th and 28th June 2023
		Literature scan on blind spot detection system for vehicle	National Conference on Emerging Technologies in Engineering,	Conference Proceeding		12th May 2023
4	Dr. Bharatesh Patel N	Prediction of Heart Disease Using Naïve Bayes and particle Swarm Optimisation (PSO) Method	International Conference on Distributed Computing and Electrical Circuits and Electronics(ICDCECE-2023), Ballari Institute of Technology &	IEEE Journal	-	29th& 30th April 2023
		Optimized Encryption Technique for Securing E-Health Images'	3rd International Conference on Computer Vision and Robotics (CVR 2023), at BBD University Lucknow	Scopus Indexed journal Springer	-	24th & 25 February 2023
		Electric Vehicle Charging Station Techniques with Data monitoring System An review	International Journal of Advance Research in Electrical and Instrumentation Engineering	ISSN:2320-3765/Volume 12, Issue 2	8.18	Feb-23
5	Shilpashri V N	Innovation in Battery Mangement systems and a thorough comparision of the best Batteries for Electric Vehicle	European Chemical Bulletin	ECB/2023/12 Issue 8/5483-5496		Jul-05
6	Smitha K	Password Based Security System for Linemen Safety	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2307013	8.14	Jul-23
		Experimental investigation on NOX and CO pollutant Removal from processes Stationary Diesel Engine Exhaust by Dielectric Barrier Electrical Discharge Plasma Hybrid	3rd International Conference on sustainable Energy, Environment and Green Technologies	ICSEEGT 2023/Springer		27th and 28th June 2023
7	Charitrashree S R	Automatic Stree light control system	Internation journal for research in applied science and Engineering Technology	IJRASET/Volume 11/Issue 6 Paper ID IJRASET54486	7.42	Jun-23
		Lighting Automation	Internation journal for research in applied science and Engineering Technology	IJRASET/Volume 11/Issue 6 Paper ID IJRASET54489	7.42	Jun-23

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8	Girisha K M	Smart irrigation system using Arduino	Internation journal for research in applied science and Engineering Technology	IJRASET/Volume 11/Issue 6 Paper ID IJRASET54502	7.42	Jun-23
		Energy Monitoring Device using Arduino	Internation journal for research in applied science and Engineering Technology	IJRASET/Volume 11/Issue 6 Paper ID IJRASET54524	7.42	Jun-23
		Nine Level Cascaded H-Bridge Inverter with Boost Converter	International conference on Advances in Electronic Devices and Circuits, AEDC-2023	Conference Proceeding	-	22nd April 2023
9	Mrs.Sushma H S	Soil Moisture Monitoring System	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2307001	8.14	Jul-23
		Women Tracking Using Auto Defender System	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2307005	8.14	Jul-23
		Nine Level Cascaded H-Bridge Inverter with Boost Converter	International conference on Advances in Electronic Devices and Circuits, AEDC-2023	Conference Proceeding	-	22nd April 2023
10	Swathi K	Medication management using Arduino UNO	Internation journal of Engineering Research and Technology	IJERT/Volume12/Issue 6 Registration No:IJERTV12IS060183	7.52	Jun-23
		Smart Parking system usnig Arduino UNO	International Journal of Science and Engineering Development Research	IJSBR/Volume 8/Issue 7 Paper ID: IJSBR 2307048	8.15	Jul-23
		Nine Level Cascaded H-Bridge Inverter with Boost Converter	International conference on Advances in Electronic Devices and Circuits, AEDC-2023	Conference Proceeding	-	22nd April 2023
		Women Self defence by electric shock system	International Journal of Science and Engineering Development Research	IJSBR/Volume 8/Issue 7 Paper ID: IJSBR 2302084	8.15	Feb-23

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11	Apoorvashree H L	Accident prevention in AC bus using temperatur and ultrasonic sensor	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2306132	8.14	Jul-23
		Automatic Garage Gate acces based on RFID usnig Arduino	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2306140	8.14	Jul-23
		A Review of VSC Based STATCOM with different power circuits and various control circuits	Journal of Maharaja Sayajirao university of Baroda	JMSU of Baroda /volume 57/Issue 1 (UGC Care-Group 1)		Feb-23
		Women Self defence by electric shock system	International Journal of Science and Engineering Development Research	IJSBR/Volume 8/Issue 7 Paper ID: IJSDR 2302084	8.15	Feb-23
		Experimental investigation on NOX and CO pollutant Removal from processes Stationary Diesel Engine Exhaust by Dielectric Barrier Electrical Discharge Plasma Hybrid	3rd International Conference on sustainable Energy, Environment and Green Technologies	ICSEEGT 2023/Springer		27th and 28th June 2023
12	Sachin C S	Smart Fall detection system for elderly people using Arduino Uno	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2307012	8.14	Jul-23
		Automatic Railway gate control with traffic signal indicator	International Journal for Research tredns and Innovations	IJRTI/Volume 8/Issue 7 Paper ID IJRTI2307032	8.14	Jul-23
		Nine Level Cascaded H-Bridge Inverter with Boost Converter	International conference on Advances in Electronic Devices and	Conference Proceeding	-	22nd April 2023
		Women Self defence by electric shock system	International Journal of Science and Engineering Development Research	IJSBR/Volume 8/Issue 7 Paper ID: IJSDR 2302084	8.15	Feb-23

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