

**RESEARCH AND DEVELOPMENT CELL****Academic Year 2020-2021****Research Publications**

S.No	Item	CSE	CIVIL	ECE	S & H	EEE	MECH	Total
1.	No of Published papers	37	11	52	4	14	-	118
2.	No of Faculty involved	28	8	22	3	5	-	66

<b>DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING</b>					
S.No	Name of the Authors	Title	Journal Name, Publisher /Name of the conference, Venue	Vol. No., Issue No. Page. Nos.	Month and Year of Publication
1.	Dr.A. Anjaiah, P. Haripriya, I. Gokul Raj, R. Sunilkumar	A Novel Approach for Combating financial fraud and money Laundering	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1 Page no:111-119	Aug 2020
2.	T. Vijay Kanth Reddy, GanginaSulthana, B. Nithin, G. Mounika , Shaik	MCQ's Distractor Generation Using NLP	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
3.	Dr.M. Sharada Varalakshmi, Dr.P. Lavanya , Sai Prakash Reddy	Jarvis – A Virtual Assistant based on Artificial Intelligence	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
	T. Vijaykanth Reddy, CH.	Secure Auditing and Deducating	International Conference on	ISBN 978—93-89515-25-1	

4.	Manasa, G. Satya Bhavani, P. Kalyan Yadav	Data in Cloud	Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC		Aug 2020
5.	M. Kamala, DharmikeshKala konda, AbiramMuppane ni, Mahesh Pala	Decentralised Voting System	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
6.	Dr.H. Shaheen, Dr.M. Amutha	A Pervasive Multi- Distribution Perceptron and HiddenMarkov Model For Context Aware Systems (ICCEEE 2020), SPEC	International Conference on Recent trends in computers, Electronics and Electrical Engineering	ISBN 978—93- 89515-25-1	Aug 2020
7.	M. Kamala, Gone Bhanusree, Priyank Thakkar, Rajeshwar Patel	Offline Voice Recognition with Low Cost Implementation based Intelligent Home Automation System	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
8.	Dr. Sharada Varalakshmi, B.K. Rama Krishna Vamshi, Darla Rakesh, Burma Vineeth, Akula Sri Ritesh	Face Recognition based Attendance System	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
9.	Dr.A. Anjaiah, A.S.V. Ashrith, J. Madhu, S. Vigneshwari Goud	Automatic Medicinal Pill Dispenser	International Conference on Recent trends in computers, Electronics and	ISBN	Aug 2020

			Electrical Engineering (ICCEEE 2020), SPEC	978—93-89515-25-1 Page no;178-186	
10.	K. David Raju, K. Ravali Goud, P. Pramod Chandra, N. Thrilotham Reddy	Bitcoin Value Prediction Using Machine Learning	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
11.	KolanuShravani, PadigiYeshwanth Kumar, KLS. Keerthana, Rahul Kumar Nahak	Big Data on Software Enterprises Using Simulation Techniques	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
12.	Dr. Diana Moses, Professor	Review on Challenges of Machine Learning in Future of Healthcare	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC, International Journal of Solid State Technology(SST) SCOPUS	ISBN 978—93-89515-25-1	Aug 2020
13.	Dr.M. Sharada Varalakshmi, Shyambabu. Meriga, P. Lavanya	Security Implementation to Cyber Physical System by an Innovative Inverse FlipCryp	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	

		Algorithm			Aug 2020
14.	M. Sravanthi, Kurri Rajani	Risks Management in EnterpriseCloud Networks	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
15.	K. Nartkannai, TS. Shivani Pullenti, Satya Vikas, Rajesh	Aversion Language Identification	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
16.	Bandari Soundarya, Jagili Rajasekhar, Kurri Rajani	Robust Malware Detection for Internet of (Battlefield) Things Devices Using Deep Eigen space Learning	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
17.	K. Venkata Krishna, J. Rajasekhar, E. Shravan Kumar, V. Shashidar	Group Data Sharing Via Cloud Storage	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020
18.	Dr.H. Shaheen	Cloud Burst Prognostication	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93- 89515-25-1	Aug 2020

19.	T. Vijaykanth Reddy, Saipriya, R.RajaSeker	A State of the Art of Databases to Improve the Storage Efficiency onCloud Computing	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
20.	Dr.H. Shaheen, D. Arun Chandra Reddy, CH. Poojitha, D. Karthik Reddy	Effective Key Management in Dynamic WSN	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
21.	Dr.RajasekarRan gasamy, G. Raga Pushpika, G.Vinay Venkat Reddy, K. Sanjana Reddy, Saurya Gupta	Vehicle Number Plate Recognition Using Android	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
22.	Dr. Rajasekar Rangasamy, Dr.N. Magendiran, Dr.P. Manikandan	Improved Clustering Techniques for Genes Selection to Identify the Breast Cancer	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
23.	Dr.R. Rajasekar Professor, Dr.A. Manikandan, P. Sakthivel,	Performance of Wireless Sensor Networks Using DSR and DBT Multiple Access Algorithm	International Conference on Recent trends in computers, Electronics and Electrical Engineering (ICCEEE 2020), SPEC	ISBN 978—93-89515-25-1	Aug 2020
	Dr H ShaheenDr S Vinoth Kumar	An Improved Scheme for			

24.		Organizing E-Commerce Based Websites using Semantic Web Mining	Advances in Intelligent Systems and Computing book series (AISC, Volume 1172)	Springer Link pp -115-123	30th September 2020
25.	K. Satish Kumar, B.Umamaheswararao, P. Seetharamaiah,	Software Safety Analysis Approach of Software Safety Critical Computer Controlled System	International Journal of Grid and Distributed Computing	Vol. 13, No. 2, (2020), pp. 763 – 775	Oct - 2020
26.	Dr. Diana Moses	Review on Challenges of Machine Learning in Future of Healthcare	International Journal of Solid State Technology (SST) (SCOPUS INDEXED)		Volume: 63 Issue: 2s Publication Year: 2020, PP 7262-7282
27.	Dr. H Shaheen, Dr. M Amutha	A pervasivemulti-distribution perceptron and hiddenmarkov model for context aware systems.	The Journal of Research on the Lepidoptera	ISSN No: 00224324	
28.	Dr.M. Sharada Varalakshmi	Security Implementation to Cyber Physical System byan Innovative Inverse FlipCryp Algorithm	International Journal of Solid State Technology (SST) (SCOPUS)		
29.	Bandari Soundarya, Jagili Rajasekhar, Kurri Rajani	Robust Malware Detection for Internet of (Battlefield) Things Devices Using Deep Eigen space Learning	International Journal of Solid State Technology (SST) (SCOPUS)		
30.	R. Anusha, Harsh Jain, Dosada Suresh	Analysis of Soil Moisture Data Using IOT & KNN Algorithm	Journal of Engineering Science (SCOPUS)		

31.	P. Nethrasri, Dr.A. Venkata Ramana	QR Code based DoorOpening System	Journal of Engineering Science(SCO PUS)		
32.	K. Madhavi, S. Sudeshna,Dr. M. Sharada Varalakshmi	A Framework of IOT Mechanized SmartHome	Journal of Engineering Science(SCO PUS)		
33.	Dr.A. Anjaiah, P. Haripriya, I. Gokul Raj, R. Sunilkumar	A Novel Approach for Combating financial fraud and money Laundering	Journal of Engineering Science(SCO PUS)		
34.	M. Kamala, DharmikeshK alakonda, AbiramMuppa neni, Mahesh Pala	Decentralised Voting System	Journal of Engineering Science(SCO PUS)		
35.	M. Kamala, Gone Bhanusree, Priyank Thakkar, Rajeshwar Patel	Offline Voice Recognitionwith Low Cost Implementation based Intelligent Home Automation System	Journal of Engineering Science(SCO PUS)		
36.	Dr. Sharada Varalakshmi, B.K. Rama Krishna Vamshi, DarlaRakesh, Burma Vineeth, Akula Sri Ritesh	Face Recognition based Attendance System Controlled System	Journal of Engineering Science(SCO PUS)		
37.	P. Rupa Rani,Dr. H Shaeen, Anusha R, K. Nartkannai	Open IOTservice platform technology with semantic web	International Journal ofAdvaced Trends in Computer Science andEngineering	ISSN No: 2278- 307	

**DEPARTMENT OF CIVIL ENGINEERING**

1.	Dr. K Radhika	Minerological and morphological studiesusing SEM and EDAXtest on SCBA Silica fume	International Conference on Spectacular Progressive Improvements in EngineeringSciences	9789391131227	18 – 19 June 2021
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		concrete	& Computing		
2.	G Ravi Kumar	Strength analysis of Geo- polymer concrete by partial replacement of GGBS with flyash	International Conference on Spectacular Progressive Improvements in Engineering Sciences & Computing	9789391131227	18 – 19 June 2021
3.	S Gayathri	Dynamic Analysis of Tall Structures using Response spectrum method with different seismic zone	International conference on Recent Advances & Innovations in Technology, Management & Applied Sciences	9789382829416	19-20 March 2021
4.	Abdul Nadeem Akram	Manufacturing of Decorative Bricks	International Conference on Spectacular Progressive Improvements in Engineering Sciences & Computing	9789391131227	18 – 19 June 2021
5.	Mahesh munagala	Comparative study of Self curing concrete using Polyethylene Glycol in Concrete with different Design Mixes	International Conference on Spectacular Progressive Improvements in Engineering Sciences & Computing	9789391131227	18 – 19 June 2021
6.	Vivek C, Asst. Professor, Department of Civil Engineering, GRIET, Hyderabad	Performance Evaluation of Durability and flexural behavior of self compacting concrete blended with Alccofine	3 <sup>rd</sup> International Conference on Trends in Material Science and Inventive Materials (ICTMIM 2021)	-	12-13 March 2021
7.	V Gajendra	Study on strength characteristics of Pervious concrete by using Fly ash and Rice Husk ash	International Conference on Spectacular Progressive Improvements in Engineering Sciences	9789391131227	18 – 19 June 2021



			& Computing		
8.	Mirza Nayeem Baig	Utilization of Plastic bottles and U-boot technology for Sustainable Building Construction	International Conference on Spectacular Progressive Improvements in Engineering Sciences & Computing	9789391131227	18 – 19 June 2021
9.	Mohd Abdul Nadeem Akram	Manufacturing of Decorative Bricks	International Journal of Analytical and Experimental Modal Analysis	0886 9367	
10.	G Ravi Kumar	Strength Analysis of Geo-polymer concrete by Partial Replacement of GGBS with Fly-Ash	International Journal of Analytical and Experimental Modal Analysis	0886 9367	
11.	S Gayathri, Research Scholar, Annamalai University	Analysis of High strength concrete using Zeolite and coconut fibre	Journal of Ceramics and Concrete Technology	2457 0826	

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

1.	Dr. I. Sharath Chandra	Implementation of FPGA design of FFT architecture based on CORDIC algorithm	International Journal of Electronics (SCI INDEXED)	International Online ISSN:1362-3060 (SCI INDEXED)	
2.		Mobile Phone Controlled Live Human Being And Bomb Detection Robot	International journal of analytical and experimental modal analysis		2021
3.		Accident Avoidance and Alerting System With Alcohol Detection	International Journal of Innovative Research in Computer and Communication	10.15680/IJIRSE T.2021.1006218	
4.	Dr. Pujari Laxmi Devi	Smart Car Parking System	International journal of analytical and experimental modal analysis		2021
5.		Early Flood Detection	International Journal of	DOI:	

		And Avoidance Using Iot&Gsm Module	Innovative Research in Computer and Communication	10.15680/IJRCC E.2021.0906017	
6.	Dr. N. Srikanth	Intelligent Ambulance With Traffic	International Journal of Innovative Research in Science, Engineering and Technology	10.15680/IJRSE T.2021.1006222	
7.		Emergency Vehicles Route Clearing System Using Iot	International Journal Of Analytical And Experimental Modal Analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02822	
8.	Dr.S.Venkatesulu	Intruder Alert System Iot Based Home Security With E-Mail And Photo Using Esp32	International journal of analytical and experimental modal analysis		2021
9.		Ultrasonic Blind Stick With Gps Tracking	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	10.15662/IJAREE IE.2021.1006021	
10.		Smart System To Assist Visually Impaired And Women Security Through Iot	The International journal of analytical and experimental modal analysis	10.15662/IJAREE IE.2021.1006021	
11.	Dr. K. Srinivasulu	Optimized Hybrid Clustered Protocol For Iot Heterogeneous Wireless Sensor Networks	International Journal Of Analytical And Experimental Modal Analysis	DOI:18.0002.IJA EMA.2021 .V13I6.200001.01 5685902825	
12.		Multipurpose Android Controlled Agriculture Robot	International Journal of Innovative Research in Science, Engineering and Technology	10.15680/IJRSE T.2021.1006223	
13.	Hemalatha dalmia	Iot Based Parking Management System	International Journal Of Analytical And Experimental Modal Analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02823	
14.		Iot Based Under Groundcable Fault Detection Using Arduino	International Journal of Innovative Research in Science, Engineering and Technology	10.15680/IJRSE T.2021.1006219	
15.	S.Naga jyohi	Bit error aware lossless colour image compression		10.31838/jer 07.09.359	

16.		Iot Based Solar Power Monitoring System	International journal of analytical and experimental modal analysis	DOI:18.0002.IJAEMA.2021.V13I6.200001.015685902813	
17.		Iot Based Green House Monitoring And Weather Reporting	International Journal of Innovative Research in Computer and Communication	DOI: 10.15680/IJRCC E.2021.0906014	
18.	Goda Vasantha Rao	Temperature detection and automatic sanitization disinfection tunnel-COVID-19	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	
19.		Contactless Body Measure prediction during Sleep via Wi-Fi Signals	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945	
20.		Accident Prevention Helmet With Emergency Alert System	International journal of analytical and experimental modal analysis	DOI:18.0002.IJAEMA.2021.V13I6.200001.015685902817	
21.	B Kanaka Durga	A real and accurate MacGyver based Medical doctors Face emotion Recognition with Google Net Deep learning technique	International Journal of Pharmaceutical Research	<a href="https://doi.org/10.31838/ijpr/2020.12.04.550">https://doi.org/10.31838/ijpr/2020.12.04.550</a>	
22.		Automatic Energy Meter Monitoring And Controlling For Domestic	International journal of analytical and experimental modal analysis	DOI: 18.0002.IJAEMA.2021.V13I6.200001.015685902830	
23.		A real time multimodal fusion based face recognition system FOE future application	Turkish journal of physiotherapy and rehabilitation	ISSN:2651-4451 Eissn:2651-446X	
24.		Home Automation Using Google Assistant	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	10.15662/IJAREEIE.2021.1006019	

25.	N. DivyaJyothi	IoT-based smart energy-efficient home automation system	MuktShabd Journal	2347-3150	2021
26.		Automatic Movable Railway Platform Using Iot	International journal of analytical and experimental modal analysis	DOI:18.0002.IJA EMA.2021.V13I6 200001.01568590 2820	
27.		A Smart Home Energy Management and Monitoring System Based On IoT Devices	ICSPE2021	<u>DOI:18.0002.IJA</u> <u>EMA.2021.V13I7</u> <u>.200001.0156859</u> <u>01242</u>	
28.	MRS. M. JYOTHIRMAI	Cloud Based Automation Robotic Programmable Switches Via Virtual Panel	International journal of analytical and experimental modal analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02814	
29.		Face Mask Detection With Temperature Checking And Sanitization Using Raspberry Pi	International Journal of Innovative Research in Computer and Communication	DOI: 10.15680/IJRCC E.2021.0906015	
30.		An Insight into Gesture Recognition using Hidden Markov Model , Continuous Hidden Markov Models and Dynamic Time Warping	ICSPEC-2021	DOI:18.0002.IJA EMA.2021.V13I7 .200001.0156859 01243	
31.	MR. G. NARSIMHULU	Fingerprint Based Atm Security Using Iot	International journal of analytical and experimental modal analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02815	
32.		Automatic Vehicle Speed Reduction System Using Rfid	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	10.15662/IJAREE IE.2021.1006023	
33.	Mr. I. Obulesu	Solar Fencing To Prevent Crop Damage With Sms Alerts	International journal of analytical and experimental modal analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02816	
34.		Smart Railway System	International Journal of	10.15662/IJAREE	

		Using Gsm Based Gps	Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	IE.2021.1006022	
35.	MR. G. SUNIL KUMAR	Finger Print Authenticated Smart Locker System	International journal of analytical and experimental modal analysis		2021
36.		Iot Based Patient Health Monitoring System	International Journal of Innovative Research in Science, Engineering and Technology	10.15680/IJRSE T.2021.1006224	
37.		Analysis and Synthesis of Speech by an Advanced Adaptive Sinusoidal Representation	IJAEMA	DOI:18.0002.IJA EMA.2021.V13I7 .200001.0156859 01247	
38.	MR. B. RAVI CHANDRA	Global Navigation Satellite System Vehicle Location Tracking	International journal of analytical and experimental modal analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02819	
39.		A comprehensive survey of Different Algorithm for optimization to Extend the Lifespan of Internet of Things in 5G Networks	IJAEMA	DOI:18.0002.IJA EMA.2021.V13I7 .200001.0156859 01246	
40.	MR. R. RAJU	Iot Based Smart Energy Meter Monitoring Theft And Disconnection	International Journal of Innovative Research in Computer and Communication Engineering	DOI: 10.15680/IJRCC E.2021.0906016	
41.		Unpaired Image Denoising	International Journal Of Analytical And Experimental Modal Analysis	DOI:18.0002.IJA EMA.2021.V13I6 .200001.0156859 02826	
42.		Design And Analysis Of Novel High Performance Cmos Domino-Logic For High Speed Applications	IJAEMA	<u>DOI:18.0002.IJA</u> <u>EMA.2021.V13I7</u> <u>.200001.0156859</u> <u>01245</u>	
43.	MR. B. RAMESH	Iot Based Hazard Alert	International Journal of	DOI:	

		System For Coal Mine Workers	Innovative Research in Computer and Communication Engineering	10.15680/IJRCC E.2021.0906011	
44.		Gdi Based Hamming Encoder And Decoder For Lossless And Error Free Communication	IJAEMA	<u>DOI:18.0002.IJAEMA.2021.V1317.200001.015685901244</u>	
45.	MR. R. SANTHOSH	Human Intrusion Detection And Alerting System Using Raspberry Pi	International Journal of Innovative Research in Science,Engineering and Technology	10.15680/IJRSE T.2021.1006220	
46.		Zigbee Based E-Menu Food Ordering System	International Journal Of Analytical And Experimental Modal Analysis	DOI:18.0002.IJAEMA.2021.V1316 .200001.015685902824	
47.		Centralized Monitoring and controlling of varies crops in Hydroponics system using IOT	IJAEMA	DOI:18.0002.IJAEMA.2021.V1317 .200001.015685901223	
48.	Mrs. Sowmya	Covid 19 Patient Health Monitoring Using Iot	International Journal of Innovative Research in Science,Engineering and Technology	10.15680/IJRSE T.2021.1006218	
49.	Mr. J. Siva Rama Krishna	Emg Sensor Based Automated Bionic Robotic Hand For Disabled People	International journal of analytical and experimental modal analysis	DOI:18.0002.IJAEMA.2021.V1316 .200001.015685902811	
50.		Brain Tumor Segmentation Based On SfcM Using Back Propagation Neural Network	International Journal of Innovative Research in Computer and Communication Engineering	DOI: 10.15680/IJRCC E.2021.0906019	
51.	MRS. A. JYOTHI	Iot Based Low Tyre Pressure Alerting System	International journal of analytical and experimental modal analysis		2021
52.	MRS. V. RAMYA	A Cyber Physical System For Air Pollution Monitoring Using Iot	International Journal of Innovative Research in Computer and Communication	DOI: 10.15680/IJRCC E.2021.0906012	

**DEPARTMENT OF HUMANITIES AND SCIENCES ENGINEERING**

1.	Dr.M. Pradeep Kumar	DNA binding and cleavage, cytotoxicity and antimicrobial studies of Co(II), Ni(II), Cu(II) and Zn(II) complexes of 1-((E)-4-(trifluoromethoxy) phenylimino) methyl - 2-ol Schiff base	Journal of Biomolecular Structure and Dynamics	1: 38: 307-316	2020
2.	K Ravikumar	Implementation of IoT in Embedded System for Real Time Water Quality Monitoring	International Journal of Innovative Technology and Exploring Engineering	Issn 2278-3075, Vol;-9, I 4s2	2020
3.	Dr. Neelima	Enhanced microwave absorption properties of Ni <sub>0.48</sub> Zn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> +polyaniline nanocomposites	Journal of Physics and Chemistry of Solids	154,110048	2021
4.	Dr. Neelima	Structural and microwave behavior of Dy <sup>3+</sup> substituted Ni <sub>0.5</sub> Dy <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub> ferrites	J Mater Sci: Mater Electronics	Vol;32, I 2, 1729-1740	2021

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

1.	Dr K Sree Latha	Dual Two Phase Model of Six Phase Induction Motor	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020
2.		Optimal LIB/STATCOM control methodologies for power quality improvement in a grid connected WES	JES	ISSN No: 0377-9254	Volume 11, Issue 11
3.		Design and implementation of power conditioning for distribution network V2G to electric vehicle and DC charging	AIP conference proceedings	<a href="https://doi.org/10.1063/5.0020035">https://doi.org/10.1063/5.0020035</a> ( <a href="https://doi.org/10.1063/10.1063/1.5120035">https://doi.org/10.1063/1.5120035</a> )	Oct 2020

		system			
4.		Modeling and simulation of solar PV modules based inverter in MATLAB-SIMULINK for domestic cooking”,Materials today	Elsevier Proceedings		Vol.38, part 5, Nov 2020
5.	M. Krishna	Investigation On Three Level Isolated PFC Converter	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020.
6.		Underground Cable Fault Detection Using Internet of Things	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020.
7.		Speed And Direction Control Of Dc Motor Using Bluetooth.	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020.
8.		Green House Monitoring Using Internet of Things	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020
9.	G. Mohan Krishna	Closed loop Proto type control of High efficiency voltage clamped DC-DC converter with reduced reverse recovery current and switch voltage stress	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020.
10.		Photovoltaic Array Fed Water Pumping System to control the Induction Motor Drive using incremental conductance algorithm	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020.



11.	Dr. B. Brahmaiah	Dual Two Phase Model of Six Phase Induction Motor	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020
12.	D. Divya	A Mode-select circuit analysis based control of a positive Buck-Boost converter	ICCEEE-2020	ISBN: 978-93-89515-25-1	August 2020
13.		Development and comparison of an improved incremental conductance Algorithm for tracking the MPP of a solar PV panel	IJAEMA- 2021	Volume XIII, Issue I	January/2021
14.		Identification design of dynamic voltage restorer to mitigate voltage sag based on the electrical transformation	JICR-2021	ISSN NO: 0022-1945	February 2021.