

**RESEARCH AND DEVELOPMENT CELL****Academic Year 2019-2020****Research Publications**

S.No	Item	CSE	ECE	EEE	MECH	S & H	CIVIL	Total
1.	No of Published papers	8	5	6	2	7	5	33
2.	No of Faculty involved	19	2	13	6	4	3	47

<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.	Rajasekar Rangasamy, H. Shaheen, T. Sreenivasulu, Nartkannai. K	Secured Data Transmission in VANET using Vehicular Digital HashGen Model	International Journal of Engineering and Advanced Technology(IJEAT)	Vol. 8,2249-8958, Pg Nos: 1008-1011	August 2019
2.	DandaTejaswi, Dr. M. SharadaVaralakshmi, Dr. Rajasekar Rangasamy	Binary Coded For Combination Networks With The Resolvability Assets	Journal of Engineering Sciences	Vol 10, 0377-9254, Pg Nos: 444-450	September 2019
3.	Anusha R.	Study On Strengthening Privacy And Cyber Security Using Blockchain	Indian Journal of Scienceand Technology	volume 12, 0974-5645	June 2019
4.	A.Anjaiah, P.Netrasri, P.Sandhya, Md.Ilias, T.Vijaykanth Reddy	A strategy to Attenuate Black Hole attack in Mobile Ad Hoc Networks	International Journal of Engineering (IJRTE)	Volume-7, 2277-3878, Pg Nos: 755-757	March 2019
5.	Dr. H. Shaheen, Mrs. G. Lavanya, Mrs. T. Rupa Rani, Mrs.	Open IOT Service platform Technology with Semantic (Acceptance Letter)	International Journal of Electronics and Communication Engineering	ISSN Print: 2278-9901, ISSN	Aug-Sept 2019

			(IJECE)	Online: 2278-991X	
6.	A.Anjaiah Dr.A.Govardhan	Internet of Things: Present State- of- the-Art, Applications, Protocols and Enabling Technologies	(SCOPUS INDEXED)	Vol. 900, 978-981-13- 3599-0, 464803_1_En, 9	2019
7.	Mrs. P. Sandhya Mrs.K. Sharavani Mrs. Swati Ollalwar	Smart Voting	International Conference on Computational Intelligence and Data Engineering	Paper Id. 160, Proceedings Page No. 46,	2019
8.	Dr. Rajasekar Rangasamy, Mr. P. Manikandan	Wireless rechargeable vehicle based energy efficient data transmission in wireless sensor network	International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE)	ISBN: 978 93 83038 53 4	2019
<b>DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING</b>					
1.	Dr.T. Muni Reddy	Real Time Human Emotion Recognition Using Deep Convolutional Auto-Multiplexer	Journal of Optoelectronics and Communication	Vol 01, Issue 01, 01-04	Feb 2019
2.	Dr.T. Muni Reddy	Advanced Driver Drowsiness Detection System	Advancement of Signal Processing and its Applications	Vol 02, Issue 01, 01-04	Apr 2019
3.	Dr.T. Muni Reddy	A Novel Approach On Improve Image De-Blurring On RGB Images	International Journal of Modern Electronics and Communication Engineering (IJMECE)	Vol 07, Issue 03, 50-55	May 2019
4.	Dr.T.Pearson	Retinal Structure Segmentation Using Thresholding	International Research Journal of Engineering and Technology (IRJET)	Vol 06, Issue 03, 5045-5051	Mar 2019
		Design and	International	Vol 9, Issue 4,341-346	April 2019

5.	Dr.T.Pearson	implementation smartboat technique	Journal of Scientific and Research Publications		
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

1.	Ansar Shaik, B. Surendar	A Comparative Analysis Of Fuzzy And Pi Controller Based Shunt Connected Active Power Filter	International Journal Of Research, Issn No:2236-6124	Volume VIII, Issue VI, Pp. 1710-1717	June/2019
2.	K.Pravallika, G.Jayakrishna, SD.AyeshaBegam.,	IOT based air pollution monitoring system using NODEMCU	Journal of Analysis and ComputationISSN 0973-2861	Volume XIII, Issue II,	Jan-June 2019
3.	G. Anand, G.Jaya Krishna, K.V.Yeswanth.	Zigbee Based Parameters Monitoring And Controlling For Induction Motor,	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588,	Volume 09, Special Issue 2, Page 205-210.	May 2019
4.	Nellore yamini, SanthiKumari, G.Jayakrishna.	PR Controlled Electric Spring For Stabilization And Power Quality Improvement In Microgrid,	Journal of Research in Engineering, IT and SocialScience, ISSN 2250-0588,	Volume 09, Special Issue 4, Page 370-376.	May 2019
5.	Ms.T.Prathima, Mr.M.Sasi Kumar, G.Jaya Krishna	Indirect Vector Control of Micro-Grid,	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588	Volume 09, Special Issue 4, Page 384-391	May 2019
6.	Ms.M.Nagasumathi, G.Jayakrishna, T.V.Subbarao	Harmonics Compensation In TwoBus Ac Grid Using Multi-Port Converter	International Journal of Research in Engineering, IT and Social Science, ISSN 2250-0588	Volume 09, Special Issue 4, Page 377-383.	May 2019

**DEPARTMENT OF MECHANICAL ENGINEERING**

1.	Kareddula Vijaya Kumar, Ravi Kumar Puli	Effect of Plastic Oil-Methanol blends operated on	Australian Journal of Mechanical Engineering,	DOI: 10.1080/14484846.2019.163580	July, 2019
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		Petrol Engine performance and exhaust emissions	Taylor and Francis,	0.	
2.	K Vijaya Kumar, P Shailesh, K Srinivasa Raghavan, J A RangaBabu, Ravi Kumar Puli	Experimental Investigation on Performance and Emission characteristics of modified Piston in DI Diesel Engine	Australian Journal of Mechanical Engineering, Taylor and Francis	DOI: 10.1080/14484846.2019.1623004	June, 2019

**DEPARTMENT OF HUMANITIES AND SCIENCES ENGINEERING**

1.	Dr.Bathini Srinivas	Synthesis Of 2-(4-Methoxy-Phenyl)-3-(9-Methyl-5,6-Dihydro-4h-3-Thia-1-Aza-Benzo[E]Azulen-2-Yl)- Thiazolidin-4-One And Derivatives From Benzosuberones	International journal of Heterocyclic letters	Vol. 9, No.3, 273-277, May-July, 2019, (print) 2231-3087 / (online) 2230-9632	July-2019
2.	Mr. G Victor Emmanuel Raju	Characteristics of Literature in the Pandemic Period	National E-Conference		MAY-2020
3.	Ravikumar Kondle	Real Time Assessment of the Standards of Water in Jeedimetla Industrial Region Using IoT Based Embedded System	International Journal of Advanced Science and Technology	Vol,29 no 5s	AP -2020
4.	Dr. T. Shanmugapriya	“Green HRM: Goal Attainment through Environmental Sustainability”	Complexity International Journal	Volume 23, Issue 2	2019
5.	Dr. T. Shanmugapriya	Stress Management: A Study on Indian Women	Complexity International Journal	Volume 23, Issue 2,	2019
6.	Dr. T. Shanmugapriya	Skill Development Schemes in India	Complexity International Journal	Volume 23, Issue 2,	2019

7.	Dr. T. Shanmugapriya	Development of Pay Package and Intellectual Capital through Human Resource Audit	Test Engineering And Management	Volume 83, Issue	2020
<b>DEPARTMENT OF CIVIL ENGINEERING</b>					
1.	1. Dr. R M Narayanan, Dr. M.G.R. Educational and Research Institute, Chennai. 2. Dr. K Radhika, St. Peter's Engineering College, Hyderabad.	Simulation and Modeling of Seawater Intrusion Around Pondicherry Coastal Aquifer-India	8th International Conference on System Modeling & Advancement in Research Trends.	ISBN: 978-1-7281-3245-7	2019
2.	Garre Ravi Kumar	Strength Analysis of DCCA concrete with self curing polyethylene glycol-400	National Conference on structural, Architectural, Building and Automation in sustainable engineering – SABASE2020	ISBN 978-93-89507-768	2020
3.	Garre Ravi Kumar	Design of Energy Recovery Plant from municipal solid waste	2 <sup>nd</sup> International Conference on recent trends in engineering and technology		2020
4.	Garre Ravi Kumar	Analysis of Ground water quality by using physicochemical parameters at Qis Educational Institutions, Ongole, Andhra Pradesh	International E-Conference on Innovation in Engineering Technology and Management		2020
5.	Garre Ravi Kumar	Strength Analysis of geo polymer concrete by partial replacement of GGBS with fly ash	Virtual Conference on emerging research trends in structural engineering(ERTSE-2020)		2020