

**GYAN GANGA INSTITUTE OF TECHNOLOGY & SCIENCES , JABALPUR**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**FACULTY PUBLICATIONS**

**SESSION: 2019-20**

S.NO.	FACULTY NAME	TITLE OF THE PAPER	INTERNATIONAL/NATIONAL JOURNAL/CONFERENCE	VOLUME NO.,ISSUE NO., PAGE NOS.	ISBN NO./ISSN NO./DOI	MONTH & YEAR OF PUBLICATION
1	Dr. R. V. Kshirsagar	An Experimental Analysis and Effect of Microwave Radiation to Human Brain Cells and Its Ramification Using Different Anti-radiation Strips	Springer- Computing in Engineering and Technology pp 677-686	<a href="https://link.springer.com/chapter/10.1007/978-981-32-9515-5_64">https://link.springer.com/chapter/10.1007/978-981-32-9515-5_64</a>		Oct-19
2	Dr. R. V. Kshirsagar	Design of Low Power, Low Jitter PLL for WiMAX Application in 0.18µm CMOS Process	Elsevier- International Conference on Pervasive Computing Advances and Applications – PerCAA 2019	Vol 152, pg. 390–397		2019
3	Amit Chouksey	Fuzzy Cognitive Network by Adaptive Fuzzy PID Controller and Hybrid Optimization Algorithm	Indian Journal of Science and Technology, Vol 12(28), DOI: 10.17485/ijst/2019/v12i28/144997, July 2019	Vol 12(28)	ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645	2019
4	Amit Chouksey	Fuzzy cognitive network-based maximum power point tracking using a self-tuned adaptive gain scheduled fuzzy proportional integral derivative controller and improved artificial neural	Elsevier JID:FSS AID:7597 /FLA [m3SC+; v1.295; Prn:22/02/2019; 12:03] P.1(1-26) Available online at <a href="http://www.sciencedirect.com">www.sciencedirect.com</a> ScienceDirect	[m3SC+; v1.295; Prn:22/02/2019; 12:03] P.1(1-26) Available online at <a href="http://www.sciencedirect.com">www.sciencedirect.com</a> ScienceDirect		2019
5	Vandana Roy	Network Physical Address Based Encryption Technique Using Digital Logic	International Journal of Scientific & Technology Research	Vol. 9, No. 4, 2020, Pp no.- 3119-3122.	ISSN 2277-8616	2020
6	Vandana Roy	Wavelet Based Empirical Approach to Mitigate the Effect of Motion Artifacts from EEG Signal	9th IEEE International Conference on Communication Systems and Network Technologies	DOI: 10.1109/CSNT.2020.59		June 24,2020
7	Sourabh Sahu	Photonic Crystal Cavities based Biosensors: A Review	International Conference on Emerging Trends in Communication, Control and Computing (ICONC3)			Feb 21-22, 2020
8	Siddharth Bhalerao	Protection of BCI system via reversible watermarking of EEG signal	IEEE, Electronics Letters	Vol. 56 No. 25 pp. 1389–1392	doi: 10.1049/el.2020.2532	10th December 2020

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9	Siddharth Bhalerao	A reversible and multipurpose ECG data hiding technique for telemedicine applications	Pattern Recognition Letters, elsevier	<a href="https://doi.org/10.1016/j.patrec.2019.06.004">https://doi.org/10.1016/j.patrec.2019.06.004</a>		2019
10	Zohaib Hasan, Akash Rajak	Analysis of effects on RMSA due to change in Design Parameters	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 04 Issue: 03	ISSN: 2582-3930	March 2020
11	Rajender Yadav	A Review: Study of different methods of secure hashing algorithm using image encryption	International Journal for Scientific Research and Development	Vol 7, Issue 10	ISSN(O): 23210613	Dec. 2019
12	Rajender Yadav	A new 64 bit key-generator & modified 8x8 x8 image block based SHA image encryption design and verification	International Journal for Research Trends and Innovation	Vol 5, Issue 2	ISSN:24563315	Feb. 2020
13	Sunil Shah	A Bidirectional Area and Speed Optimized Interfacing Bridge between Advance High Performance AXI Bus with AHB Bus in SOC: A Review	International Journal of Innovation in Engineering Research & Management	Volume 07, Issue 04	ISSN: 2348-4918	Jun-20
14	Sunil Kumar Shah	Multiport SRAM with BIST and Low Power DLL Design on FPGA Implementation	IOSR Journal of Electronics and Communication Engineering	Vol. 5, Issue 4	ISSN : 2278-2834	Aug -2019
15	Silky Pareyani	Features Extraction OCR Algorithm in Indian License Plates	International Research Journal of Engineering and Technology (IRJET), <a href="http://www.irjet.net">www.irjet.net</a>	Volume-06, Issue-09. Pg 1530-1536	e-ISSN: 2395-0056, p-ISSN: 2395-0072	Sep-19
16	Surya Bazal	A Review on Multi Scale Patch Based Image Restoration	International Journal for Scientific Research & Development	Vol. 8, Issue 1, pp 90-92	ISSN (online): 2321-0613	Mar-20
17	Nirdesh Jain, Sanjeev Patel	Approaches and Techniques to form Wireless Sensor Networks	International Journal of Advanced Technology in Engineering and Science	Volume No.07, Issue No. 09, September 2019	IJATES (ISSN: 2348-7550)	2019
18	Amit Gupta, Akansha Dixit	Survey paper on Aves Vocalization Detecting	International Journal of Advanced Technology in Engineering and Science	Volume No.07, Issue No. 10, October 2019	IJATES (ISSN: 2348-7550)	2019

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19	Prachi Mishra	Study of Rainfall Variability over India in Climate Change Scenario	Journal of Emerging Technologies and Innovative Research	Volume 7, Issue 1	ISSN-2349-5162	2020
20	Juhi Khetrapal, Ruhi Khetrapal	A Survey On 5G: Technology At The	International Journal of Engineering Applied Sciences and Technology, 2019	Vol. 4, Issue 3,, Pages 20-34 DOI: 10.33564/IJEAST.2019.v04i03.004	ISSN No. 2455-2143	2019
21	Rajesh Parashar	Security And Privacy Determinants For A Secured Cloud-Based Electronic Health Record System	International Journal of Engineering Applied Sciences and Technology, 2019	Vol. 4, Issue 3, ISSN No. 2455-2143, Pages 35-47	ISSN No. 2455-2143	2019
22	Tarun Sahu, Rajesh Parashar, Khushbu Vishwakarma	IoT For Next Generation	International Journal of Engineering Applied Sciences and Technology	Vol. 4, Issue 3, ISSN No. 2455-2143, Pages 153-156	ISSN No. 2455-2143	2019
23	Jaya Malviya, Shivangi Singh	Design of Monitoring of Egg Incubator Machine Based on Internet of Things with ESP8266 and Web Server	International Journal of Electrical Engineering & Emerging Technology,	Vol. 02, No. 02, pp 1-3	ISSN: 2618-0014	Dec-19
24	Shruti Badgaiyan	FFTAnalysisof Flying Capacitor Multilevel Inverter Based Shunt Active Power Filter	International Journal of Electrical Engineering & Emerging Technology	Vol. 02, No. 02, pp 14-17	ISSN: 2618-0014	Dec-19
25	Neha Bani, Jagdish Ahirwar, Poorvi Behre	A New UPS System Employing SPMC	International Journal of Electrical Engineering & Emerging Technology	Vol. 02, No. 02, pp 9-13	ISSN: 2618-0014	Dec-19
26	Anant Tiwari, Pragya Dubey, Sourabh Tiwari	A Novel Implementation of Substation Monitoring System Using IoT	International Journal of Electrical Engineering & Emerging Technology	Vol. 03, No. 01, pp 27-29	ISSN: 2618-001	May/Jun 2020