

PAPER PUBLICATIONS

Sr. No.	Faculty Name	Title of the Paper	Journal Publisher / Conference details	Publication details (ISSN/ISBN,DOI, impact factor, volume no., issue no., pages)	Year of publication
1	Manisha A. Dudhedia, Yerram Ravinder	Impact of Sleeping Mechanism on Game Based CR-MAC Protocol Performance	Innovative Computing, Information and Control(ICIC-Express Letters)	Accepted for Publication	April, 2021
2	Manisha A. Dudhedia and Yerram Ravinder	Performance analysis of game based MAC protocol for cognitive radio based wireless network	Journal of King Saud University - Computer and Information Sciences (JKSUCI)	In Press https://doi.org/10.1016/j.jksuci.2020.12.018	2021
3	Nikita Tandale, S. V. Gaikwad	Detection of cloud top height, cloud base, cloud height and cloud temperature using ka-band radar data	<i>International Journal of Computer Sciences and Engineering</i>	Vol.8, Issue12, Dec.2020, E-ISSN: 2347-2693	Dec.2020
4	Shahadev Hake, R. Sreemathy	"Slit Loaded Textile Microstrip Antennas"	IETE Journal of Research,	ISSN: 0377-2063, 09 January 2020. Link	January 2020
5	Zakee Ahmed	A Hybrid Approach to Improve the Clipping Technique of PAPR Reduction in OFDM	International Journal of Interdisciplinary Innovative Research & Development (IJIIRD)	ISSN: 2456-236X , Vol. 04 Issue 02 Link	2020
6	Zakee Ahmed	Application Framework Development for Algorithm Design of PAPR Reduction in OFDM	International Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249 – 8958 , Volume-9 Issue-2, DOI: 10.35940/ijeat.B2271.129219, Impact Factor: 5.97 Scopus Journal Link	2019
7	Zakee Ahmed	Designing a Novel PTS Method to Reduce Peak to Average Power Ratio in OFDM	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075 , Volume-9 Issue-1, DOI: 10.35940/ijitee.A4179.119119, 5.54 Scopus Journal Link	2019

8	Shahadev Hake	“ Bandwidth Enhancement of Patch Antenna For Ultra Wideband Applications”	International Journal of Computer Trends and Technology (IJCTT)	Volume 67 Issue 4 - April 2019 Link	April 2019
9	Shahadev Hake	“Design of UWB Microstrip Antenna with Frequency Notch Characteristics”	International Journal of Computer Trends and Technology (IJCTT)	Volume 67 Issue 4 - April 2019 Link	April 2019
10	Dr.Y.Ravinder, Mr.R.G.Yelalwar	Levenberg Marquedet Lion Based Artificial Neural Network for Cooperative Spectrum Sensing in Cognitive Radio’. vol. 14, no. 4, pp. 321-336, Jan 2019	<u>Multiagent and Grid Systems</u> ,IOS press	Vol. 14, no. 4, pp. 321-336	Jan 2019
11	Pooja Chopade, S. V. Gaikwad	Design and analysis of Log periodic dipole array antenna	ICTACT Journal on Microelectronics	DOI: 10.21917/ijme.2019.0144	2019
12	Dr. P. S. Varade Dr. Y. Ravinder,	Quality Constrained Multi Attribute Energy Efficient Resource Allocation For Cognitive Radio Network	IET communications journal	Link Vol. 12, No. 18, 2290-2296	2018-19
13	Mr. Zakee Ahmed, Mr. A.S. Rasal	An innovative Method of Servomotor Design for the Ease of Visual Understanding	IET Annual Technical Volume	Volume 2, 2018 ISBN: 978-81-939709-0-4 PP50-53 Link: (NA, Print Version)	2018-19
14	Dr. G. S. Mundada Mr. Zakee Ahmed,	Opting Suitable Data Acquisition System for Environmental Temperature Analysis: NI-MyDAQ vs Arduino Uno	IET Annual Technical Volume	Volume 2, 2018 ISBN: 978-81-939709-0-4 PP09-13 Link: (NA, Print Version)	2018-19
15	Dr. P. S. Varade Dr. Y. Ravinder	Geolocation Aware Resource Allocation In Cellular Based Cognitive Radio Networks With Green Communication Perspective	Journal of Engineering Science and Technology (JESTEC).	Link Vol.13	2018-19
16	, Mr.R.G.Yelalwar,	Artificial Neural Network Based Approach for Spectrum	WiSPNET Chennai, 2018	Doi: 10.1109/WiSPNET.2018.8538729.	2018-19

	Dr.Y.Ravinder	Sensing in Cognitive Radio			
17	Shahadev Hake	“ CSRMesh Bluetooth technology for speedy automation”	International Journal of Advance Research, Ideas and Innovations in Technology	ISSN: 2454-132X, Volume 4, Issue 2 Link	March 2018
18	Shahadev Hake	”Reconfigurable microstrips patch antenna in frequency and polarization”	International Journal of Advance Research, Ideas and Innovations in Technology	ISSN: 2454-132X, Volume 4, Issue 2 Link	March 2018
19	Shahadev Hake, Shridevi Jamage, Vishal Bham, Pritam Nikam	” Pentagonal Shaped Fractal Antenna with Modified Ground and Enhanced Bandwidth for Wireless Applications”	International Journal of Engineering Research & Technology (IJERT)	ISSN: 2278-0181 Vol. 7 Issue 03, March-2018 Link	March 2018
20	Radhika Dapkar, Sandeep Gaikwad	Design Decoupling Methods of Multichannel Phased Array Receive Only RF Coil for Different Structures of 1.5T MRI	International Conference On Advances in Communication and Computing Technology (ICACCT) ACoE, Sangamner, Ahmednagar, India.	pp 606-610	Feb 8-9, 2018
21	Neha Asutkar, Sandeep Gaikwad	Design and Analysis of Four Channel Phased Array RF Coil for Spine scan using 1.5T MR System	International Conference On Advances in Communication and Computing Technology (ICACCT) ACoE, Sangamner, Ahmednagar, India.	pp 611-615	Feb 8-9, 2018
22	Rutuja Patwardhan, Sandeep Gaikwad	Procedural Development of RF Tx/Rx Circularly Polarized Birdcage Coil at 1.5T MR system	International Conference On Advances in Communication and Computing Technology (ICACCT) ACoE,	pp 616-618	Feb 8-9, 2018

			Sangamner, Ahmednagar, India.		
23	Mr. P. S. Varade, Dr. Y. Ravinder	Testbed Implementation Of Energy Efficient Multi Antenna System And Its Performance Evaluation	ICTACT	issn: 2229-6948(online), DoI: 10.21917/ijct.2017.0242	2017-18
24	Zakee Ahmed	Evaluation of Methodologies for Measurement of PAPR in OFDM	IEEE International Conference on Wireless Communication, Signal Processing and Networking	ISBN: 978-1-5090-4442-9/17 Link	2017
25	Vishal G. Padwal , S. V. Gaikwad	Antenna System for the application of Quality evaluation of Fruits	International Journal of Electrical and Computational System	Volume 6,pp 104-111, IS SN 2348-117X	October 2017
26	Shahadev Hake, R Sreemathy, Vishal Bhame	“Printed 4x4 Butler Matrix for Beam-Steering and MIMO Applications in 2.4 GHz ISM Band”	International Journal of Engineering Research & Technology (IJERT)	ISSN: 2278-0181 (Vol. 6 Issue 03, March-2017 Link	March 2017
27	Mr. P. S. Varade Dr. Y. Ravinder	Novel Test bed implementation for resource allocation in cognitive radio for green communication	ICAECCT,Pune	Link Link	2016-17
28	Mr. P. S. Varade Dr. Y. Ravinder	Throughput Maximization of Cognitive Radio Multi Relay Network with Interference Management	International Journal of Electrical and Computer Engineering (IJECE),	Link pp. 2230~2238 ISSN: 2088-8708	2016-17
29	Dr. Y. Ravinder Deepa Reddy	Test bed Implementation Of Multi Dimensional Spectrum Sensing Schemes For Cognitive Radio	ICAECCT,Pune	ISSN:2229-6948(ONLINE), DOI: 10.21917/ijct.2016.0188 Link	2016-17
30	Suvidya Pawar, R. Sreemathy, Shahadev Hake	Effect of different symmetric slits on microstrip patch antenna	International Journal Of Microwave Engineering (JMICO)	Vol.1, No.4, October 2016 Link	October 2016
31	Sandeep V. Gaikwad, A. N. Gaikwad	RF and Microwave Low power dielectric Heating using Parallel	Progress In Electromagnetic Research	M, Vol.49, pp 81-89	August 2016

		Plate applicator to control insect pest on Tomato Plant			
32	Shahadev Hake	“ Antenna Design for Wearable Medical Devices Using MBAN Band”	, International Journal of Engineering Applied Sciences and Technology	Vol. 1, Issue 6, ISSN No. 2455-2143, Pages 171-175, May 2016 Link	May 2016
33	Zakee Ahmed	Modern tools and techniques for OFDM development and PAPR reduction	2016 IEEE International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)	doi: 10.1109/ICEEOT.2016.7755205 Link	2016
34	S. V. Gaikwad, Namrata Sarnaik	Compact Super Wide Band Monopole Fractal Antenna for Wireless Communication	Imperial Journal of Interdisciplinary Research	Vol-2, Issue-11, pp-879-882, ISSN: 2454-1362	2016
35	Vishal B Bhame, Shahadev D Hake, R. Sreemathy	”Compact UWB Antenna with Hiperlan/2 Band-Notched Characteristics for Wireless Applications”	International Journal of Engineering Research & Technology (IJERT)	ISSN: 2278-0181 Vol. 5 Issue 02(380-383), February-2016 Link	Feb 2016
36	P.A. Herwade, Sandeep V. Gaikwad	Design of Broadband Delta Loop Antenna and Balun for Ionosonde Application	IEEE- INDICON 2015	Link	17-20 December 2015
37	Sandeep V. Gaikwad, A. N. Gaikwad	“Simulation Modeling and Implementation of RF and MW System to Control the Insect Pests in Agriculture”	IEEE- INDICON 2015	Link	17-20 December 2015
38	Rajnarayan Shriwas	Performance assessment of Active and passive filter.	Discovery - The International Daily journal	ISSN 2278–5469 e-ISSN 2278–5450 pp 1208-1214	10 th Nov, 2015
39	Shahadev Hake	“UWB Antenna with Dual Notched Bands for ISM Band”	International Journal of Innovative Research in Advanced Engineering (IJIRAE)	ISSN: 2349-2163 Issue 4, Volume 2 (April 2015) Link	April 2015

40	Rajnarayan Shriwas	Performance assessment of Active and passive filter.	IEEE Sponsored Proceedings of International Conference on Computing, Communication, Electrical, Electronics, Devices & Signal Processing (CCEEDS) IJNTSE, Lankapalli, A.P., India	pp 1208-1214	28 th -30 th March 2015
41	Rajnarayan Shriwas	Harmonic Measurement and Mitigation in variable frequency drive (VFD) – A case study.	2 nd International Conference on Advances in Engineering & Technology Nagpur, ICAET-2015	-	25 th Feb 2015
42	Rajnarayan Shriwas	Harmonic Measurement and Mitigation in variable frequency drive (VFD) – A case study.	International Journal on Recent and Innovation Trends in Computing and Communication. (IJRITCC)	e-ISSN 2321-8169, pp 116-120, Volume 2, Issue 3	Feb, 2015
43	Mr. P. S. Varade Dr. Y. Ravinder	Optimal Spectrum Allocation in Cognitive Radio using Genetic Algorithm	IEEE INDICON 2014	Link DOI 10.1109/INDICON.2014.7030480	2014-15
44	Mr. Zakee Ahmed	OFDM: The Backbone of 4th Generation mobile Communication	PICT IEEE Newsletter	Group Issue 9.1 Link: NA Print Version	2014-15
45	Mr. Zakee Ahmed Mr. A.S. Rasal	Virtual Instrumentation	P.I.N.G PICT Pune 10.0 2014	Link: NA Print Version	2014-15
46	Mr. A.S. Rasal	Development of Data Acquisition System using Xbee Modules and LabVIEW for Ion Beam Micro-machining System	IJETEE	ISSN-2320-9569	2014-15
47	Sandeep Gaikwad, Rajesh Harsh, Arun N. Gaikwad,	“Low power microwave heating to control insect pests on tomato plants”	International Microwave Power Institute (IMPI) 48 th Symposium 2014 New	Link	18-20 June 2014

	Anurag Gupta		Orleans, Louisiana, USA		
48	Suvidya R. Pawar, R. Sreemathy, Shahadev D. Hake	”Design and Fabrication of Circularly Polarized Microstrip Patch Antenna using Symmetric Slit”	International Journal of New Trends in Electronics and Communication	(IJNTEC—ISSN: 2347 – 7334)Vol. 2, Issue. 1, Jan. 2014 Link	January 2014
49	Mr. P. S. Varade Dr. Y. Ravinder	Channel Selection Strategy for Cognitive Radio using ns2	ICHCI 2013	Link DOI http://dx.doi.org/10.1109/ICHCI-IEEE.2013.6887771	2013-14
50	S.V.Gaikwad , A.N.Gaikwad	RF & MW radiation based solution for Insect control in Agriculture: A Review and Proposed System	International Journal of Scientific & Engineering Research	Volume 3, Issue 12, pp. 1-7	December 2012
51	Raj Kumar, Shahadev Hake	“Design of modified ground square-shaped fractal antenna for UWB application”	Microwave and Optical Technology Letters,	Volume 53, Issue 11, pages 2589–2592, November 2011 Link	November 2011
52	Rajendra Yelalwar, Yerram Ravinder	Eigenvalue Fusion based Machine Learning Approach for Cooperative Spectrum Sensing in Cognitive Radio	Forthcoming and Online First Articles International Journal of Computer Aided Engineering and Technology	In press: IJCAET Vol 17 No 3 2022, DOI: 10.1504/IJCAET.2022.10040982	2022
53	Ankia K. Patel, Radhika D. Joshi	Coverage Estimation Using Probabilistic Line-of-Sight Model for Unmanned Aerial Vehicle Communication	2nd International Conference on Unmanned Aerial Systems in Geomatics (UASG) 2021, IIT Roorkee	Accepted for Publication	April, 2021
54	A. V. Rajput	A Two-Stage Fuzzy Logic Based Distributed Clustering Scheme for Precision Farmland Monitoring	In proceedings of Innovations in Power and Advanced Computing	doi: 10.1109/i-PACT52855.2021.9697029. (IEEE explore digital library)	Nov. 2021

			Technologies (i-PACT), 2021		
55	Mr.S.S.More	Multipath Modeling under Tank Environment for Underwater Acoustic Communication	2021 Advanced Communication Technologies and Signal Processing (ACTS)	DOI:- 10.1109/ACTS53447. 2021.9708257	15-17 December 2021
56.	Mr.S.S.More	SWARA: The Path Loss Model for Underwater Acoustic Communication	2022 IEEE 13th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)	DOI:- 10.1109/IEMCON568 93.2022.9946612	12-15 October 2022