

**SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL**  
**Details of research papers published in Journal by Faculty in 2020-21**

S.N.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number	
							Link to website of the Journal	Link to article / paper / abstract of the article
1	Optimizing network lifetime and QoS in 6LoWPANs using deep neural networks.	Shubhangi P Kharche	Electronics and Telecommunication	Computer & Electrical Engineering	2020-21	0045-7906	<a href="#">Optimising SK</a>	<a href="https://doi.org/10.1016/j.compeleceng.2020.10.6775">https://doi.org/10.1016/j.compeleceng.2020.10.6775</a>
2	Improving network lifetime and speed for 6LoWPAN networks using machine learning	Shubhangi P Kharche	Electronics and Telecommunication	International Journal of Intelligent Systems Technologies and Applications	2020-21	1740-8873	<a href="https://www.inderscienceonline.com/journal/ijista">https://www.inderscienceonline.com/journal/ijista</a>	<a href="https://doi.org/10.1504/IJISTA.2020.110006">https://doi.org/10.1504/IJISTA.2020.110006</a>
3	Automatic Railway Level Crossing Using LoRa	Shubhangi P Kharche	Electronics and Telecommunication	International Journal of Research and Analytical Reviews (IJRAR)	2020-21	2348-1269	<a href="#">Automatic SK</a>	<a href="https://www.ijrar.org/papers/IJAR19L1578.pdf">https://www.ijrar.org/papers/IJAR19L1578.pdf</a>
4	Design of probe for NQR/NMR detection	Preeti Hemnani	Electronics and Telecommunication	International Journal of Electrical & Computer Engineering	2020-21	2088-8708	<a href="https://ijece.iaescore.com/index.php/IJECE">https://ijece.iaescore.com/index.php/IJECE</a>	<a href="#">Design PH</a>
5	Gas Leakage Detection System	Preeti Hemnani	Electronics and Telecommunication	International Journal of Research and Analytical Reviews	2020-21	E-ISSN 2348-1269, P- ISSN 2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="https://ijrar.org/viewfull.php?&amp;p_id=IJRAR19W1508">https://ijrar.org/viewfull.php?&amp;p_id=IJRAR19W1508</a>
6	Line Controlled Transport System Using RFID	Shyamala Mathi	Electronics and Telecommunication	International Journal Of Research And Analytical Reviews (IJRAR)	2020-21	E-ISSN 2348-1269, P- ISSN 2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="https://www.ijrar.org/viewfull.php?&amp;p_id=IJRAR19S1641">https://www.ijrar.org/viewfull.php?&amp;p_id=IJRAR19S1641</a>
7	Smart Parking Using LoRA	Pratibha Joshi	Electronics and Telecommunication	International Research Journal of Engineering and Technology	2020-21	E-ISSN 2395-0056, P- ISSN 2349-0072	<a href="https://www.irjet.net/">https://www.irjet.net/</a>	<a href="https://www.irjet.net/archives/V7/i9/IRJET-V7I9259.pdf">https://www.irjet.net/archives/V7/i9/IRJET-V7I9259.pdf</a>
8	Smart Electric Meter Reading System	Vaishali Mangrulkar	Electronics and Telecommunication	International Journal of Research And Analytical Reviews (IJRAR)	2020-21	E-ISSN 2348-1269, P- ISSN 2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="https://ijrar.org/viewfull.php?&amp;p_id=IJRAR2002657">https://ijrar.org/viewfull.php?&amp;p_id=IJRAR2002657</a>
9	Realization of perfume based on human body odour	Nita Patil	Electronics and Telecommunication	International Research Journal of Engineering and Technology (IRJET)	2020-21	2395 - 0056	<a href="https://www.irjet.net/">https://www.irjet.net/</a>	<a href="https://www.irjet.net/archives/V7/i9/IRJET-V7I9228.pdf">https://www.irjet.net/archives/V7/i9/IRJET-V7I9228.pdf</a>
10	3-Dimensional Polar FSK with Improved Performance	Biju Balakrishnan	Electronics and Telecommunication	International Research Journal of Engineering and Technology (IRJET)	2020-21	2395 - 0056	<a href="https://www.irjet.net/">https://www.irjet.net/</a>	<a href="https://www.irjet.net/archives/V7/i9/IRJET-V7I9209.pdf">https://www.irjet.net/archives/V7/i9/IRJET-V7I9209.pdf</a>
11	Fifth Generation Antennas: A Comprehensive Review of Design and Performance Enhancement Techniques	Hema Raut	Electronics and Telecommunication	IEEE Explore	2020-21	2169-3536	<a href="#">Fifth Generation HR</a>	<a href="https://ieeexplore.ieee.org/document/9184026">https://ieeexplore.ieee.org/document/9184026</a>
12	Cryptography using neural networks	Shyamala Mathi	Electronics and Telecommunication	IEEE Access	2020-21	2582-3930	<a href="https://ijsrem.com/">https://ijsrem.com/</a>	<a href="http://ijsrem.com/volume-05-issue-05-may-2021/">http://ijsrem.com/volume-05-issue-05-may-2021/</a>
13	Vehicle control system implementation using CAN protocols	Pratibha Joshi	Electronics and Telecommunication	International Journal of Scientific Research in Engineering And Management (IJSREM)	2020-21	2582-3930	<a href="https://ijsrem.com/">https://ijsrem.com/</a>	<a href="#">Vehicle Control PJ</a>

14	ChatBot using Machine Learning and AI	Pushkar Sathe	Electronics and Telecommunication	International Journal of Scientific Research in Engineering And Management (IJSREM)	2020-21	2582-3930	<a href="https://ijsrem.com/">https://ijsrem.com/</a>	<a href="http://ijsrem.com/volume-04-issue-09-september-2020/">http://ijsrem.com/volume-04-issue-09-september-2020/</a>
15	Agrocopter	Swati Rane	Electronics and Telecommunication	International Journal of Scientific Research in Engineering And Management (IJSREM)	2020-21	2582-3930	<a href="https://ijsrem.com/">https://ijsrem.com/</a>	<a href="https://ijsrem.com/volume-04-issue-09-september-2020/">https://ijsrem.com/volume-04-issue-09-september-2020/</a>
16	Face Recognition Using Neural Network	Kalyani Pampattiwar	Computer Engineering	International Journal Of Creative Research Thoughts	2020-2021	ISSN : 2320-2882	<a href="https://www.ijert.org">https://www.ijert.org</a>	<a href="https://www.ijert.org/papers/IJERT2103064.pdf">https://www.ijert.org/papers/IJERT2103064.pdf</a>
17	Text Summarization from Multiple Documents	Kranti Bade	Computer Engineering	International Research Journal of Engineering and Technology (IRJET)	2020-2021	e-ISSN: 2395-0056	<a href="https://www.irjet.net">https://www.irjet.net</a>	<a href="https://www.irjet.net/archives/V7/i6/IRJET-V716771.pdf">https://www.irjet.net/archives/V7/i6/IRJET-V716771.pdf</a>
18	Early Prediction of Brain Stroke using Machine Learning Techniques.	Anindita Khade	Computer Engineering	International Journal of Research and analytical Reviews	2020-2021	E-ISSN 2348-1269	<a href="https://ijrar.org">https://ijrar.org</a>	<a href="https://www.ijrar.org/papers/IJRAR21B1781.pdf">https://www.ijrar.org/papers/IJRAR21B1781.pdf</a>
19	Chronic Kidney Disease Prediction using Machine Learning	Anindita Khade	Computer Engineering	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	e ISSN : 2454-9150	<a href="http://ijream.org/">http://ijream.org/</a>	<a href="http://ijream.org/papers/IJREAMV07I0375103.pdf">http://ijream.org/papers/IJREAMV07I0375103.pdf</a>
20	Brain Stroke Prediction portal using Machine Learning Techniques	Anindita Khade	Computer Engineering	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	e ISSN : 2454-9150	<a href="http://ijream.org">http://ijream.org</a>	<a href="http://ijream.org/papers/IJREAMV07I0375104.pdf">http://ijream.org/papers/IJREAMV07I0375104.pdf</a>
21	Face recognition using neural network	Masooda Modak	Computer Engineering	International Journal Of Creative Research Thoughts - Ijert	2020-2021	ISSN : 2320-2882	<a href="https://ijert.org">https://ijert.org</a>	<a href="https://www.ijert.org/papers/IJERT2103064.pdf">https://www.ijert.org/papers/IJERT2103064.pdf</a>
22	Covid 19 Tracker And Detection Using Android and Machine Learning	Masooda Modak	Computer Engineering	International Research Journal of Engineering and Technology (IRJET)	2020-2021	e-ISSN: 2395-0056	<a href="https://www.irjet.net">https://www.irjet.net</a>	<a href="https://www.irjet.net/archives/V8/i5/IRJET-V815518.pdf">https://www.irjet.net/archives/V8/i5/IRJET-V815518.pdf</a>
23	Admission enquiry chatbot for college website	Arathi B	Computer Engineering	International Journal of Innovative Research in Computer and Communication Engineering	2020-2021	e-ISSN: 2320-9801	<a href="http://ijircce.com/index.php">http://ijircce.com/index.php</a>	<a href="#">Admission AB</a>
24	An intensive healthcare monitoring paradigm by using IoT based machine learning strategies	K.Lakshmisudha	Information Technology	Multimedia Tools and Applications	2020-2021	ISSN: 1573-7721	<a href="#">AN intensive KLS</a>	<a href="https://link.springer.com/article/10.1007%2Fs11042-021-11111-8">https://link.springer.com/article/10.1007%2Fs11042-021-11111-8</a>
25	Online Recruitment system and Personality Prediction	Mrinal Khadse	Information Technology	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	ISSN : 2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV07I0173121.pdf">http://ijream.org/papers/IJREAMV07I0173121.pdf</a>
26	Virtual Shopping mart	Mrinal Khadse	Information Technology	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	ISSN : 2454-9150	<a href="https://www.ijream.org/index.html">https://www.ijream.org/index.html</a>	<a href="http://ijream.org/papers/IJREAMV07I0274057.pdf">http://ijream.org/papers/IJREAMV07I0274057.pdf</a>
27	Automatic Extraction of Text Notes from Video Tutorials, International Journal of Engineering Research and Applications	Savita Lohiya	Information Technology	International Journal of Engineering Research and Applications	2020-2021	ISSN: 2248-9622	<a href="https://www.ijera.com/">https://www.ijera.com/</a>	<a href="https://www.ijera.com/papers/vol11no8/Series-1/F1008013337.pdf">https://www.ijera.com/papers/vol11no8/Series-1/F1008013337.pdf</a>
28	Parkinson's Disease Detection Using Machine Learning	Savita Lohiya	Information Technology	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	ISSN : 2454-9150	<a href="http://www.ijream.org/">http://www.ijream.org/</a>	<a href="http://ijream.org/papers/IJREAMV07I0274173.pdf">http://ijream.org/papers/IJREAMV07I0274173.pdf</a>

29	Facial Recognition Software	Savita Lohiya	Information Technology	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	ISSN : 2454-9150	<a href="http://www.iiream.org/">http://www.iiream.org/</a>	<a href="http://ijream.org/papers/IJREAMV07I0274168.pdf">http://ijream.org/papers/IJREAMV07I0274168.pdf</a>
30	HR Analytics Using Machine Learning	Seema Redekar	Information Technology	International Journal for Research in Engineering Application & Management (IJREAM)	2020-2021	ISSN : 2454-9150	<a href="http://www.iiream.org/">http://www.iiream.org/</a>	<a href="http://www.iiream.org/IJREAM_V07I02.html">http://www.iiream.org/IJREAM_V07I02.html</a>
31	Testing of Insulating material for Split Hopkinson Pressure Bar	R.S. Nehete	Mechanical Engineering	Solid State Technology	2020-2021	ISSN 0038-111X	<a href="#">Testing_RSN</a>	<a href="http://solidstatetechnology.us/index.php/JSST/article/view/1399">http://solidstatetechnology.us/index.php/JSST/article/view/1399</a>
32	Development of an integrated framework of LGSS strategies for Indian manufacturing firms to improve business performance: an empirical study	Lokpriya Gaikwad	Mechanical Engineering	The TQM Journal	2020-2021	ISSN 1754-2731	<a href="#">Development_LMG</a>	<a href="#">Development_LG</a>
33	Granger Causality Analysis of deviation In Total Electron Content during Geomagnetic Storms in the Equatorial Region" accepted to Journal of Engineering and Applied Science	Sumitra P. Iyer	Humanities and Applied Sciences	Journal of Engineering and Applied Science	2020-21	ISSN: 2536-9512 (electronic) ISSN: 1110-1903 (print)	<a href="https://jeas.springeropen.com/about">https://jeas.springeropen.com/about</a>	<a href="#">Granger_SP</a>
34	Predicting Total Electron Content in Ionosphere using Vector Autoregression model during Geomagnetic storm accepted to Journal of applied Geodesy (JAG)	Sumitra P. Iyer	Humanities and Applied Sciences	Journal of Applied Geodesy (JAG)	2020-21	ISSN: 1862-9024	<a href="https://www.degruyter.com/journal/key/jag/html">https://www.degruyter.com/journal/key/jag/html</a>	<a href="#">Predicting_SP</a>
35	On Complex Valued Extended Rectangular b-metric Spaces	Ashwinkumar Chavan	Humanities and Applied Sciences	Wutan Huatan Jisuan Jishu	2020-21	ISSN:1001-1749	<a href="http://www.wthtjssj.cn/">http://www.wthtjssj.cn/</a>	<a href="http://iasir.net/AJRSTEMpapers/AJRSTEM19-239.pdf">http://iasir.net/AJRSTEMpapers/AJRSTEM19-239.pdf</a>
36	Investigation on the Effects of MnCl <sub>2</sub> Doping on Structural and Optical Properties of DAST Single Crystals as Materials for Second Order Nonlinear Optics	G. Kanthimathi	Humanities and Applied Sciences	Crystal Research and Technology	2020-21	ISSN: 1521-4079	<a href="https://onlinelibrary.wiley.com/journal/15214079">https://onlinelibrary.wiley.com/journal/15214079</a>	<a href="#">Investigation_GK</a>