

**SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL**  
**Details of research papers published in Journal by Faculty in 2017-18**

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	FPGA Based RF Pulse Generator for NQR/NMR Spectrometer	Preeti Hemnani	Electronics and Telecommunication	International Journal of Electronics and Computer Engineering	2017-18	2088-8708	<a href="https://www.ijecce.org/">https://www.ijecce.org/</a>	<a href="#">FPGA PH</a>
2	Human Skin as Touchscreen	vandana sawant	Electronics and Telecommunication	Journal of Emerging Technologies and Innovative Research (JETIR)	2017-18	2449-5162	<a href="https://www.jetir.org/past-issues">https://www.jetir.org/past-issues</a>	<a href="https://www.jetir.org/view?paper=JETIR1805576">https://www.jetir.org/view?paper=JETIR1805576</a>
3	Detection of NQR signals using wavelet transform and adaptive filters',	Preeti Hemnani	Electronics and Telecommunication	International Journal of Instrumentation Technology	2017-18	2043-7862	<a href="#">Detection PH</a>	<a href="https://dx.doi.org/10.1504/IJIT.2018.090863">https://dx.doi.org/10.1504/IJIT.2018.090863</a>
4	Stability Model for RPL with Minimum Rank Hysterisis Objective Function in 6LoWPAN	Shubhangi Kharche	Electronics and Telecommunication	International Journal of Pure and Applied Mathematics	2017-18	1311-8080	<a href="http://www.ijpam.eu/">http://www.ijpam.eu/</a>	<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3138170">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3138170</a>
5	Car overspeeding detection	Pushkar Sathe	Electronics and Telecommunication	International journal of creative research thoughts	2017-18	2320-2882	<a href="https://ijcrt.org/">https://ijcrt.org/</a>	<a href="https://ijcrt.org/papers/IJCRT1872269.pdf">https://ijcrt.org/papers/IJCRT1872269.pdf</a>
6	Machine Learning Based Autonomous Road Maintenance System Using Cold Lay Asphalt	Shubhangi Kharche	Electronics and Telecommunication	Helix Journal	2017-18	2319-5592	<a href="http://helix.dnares.in/">http://helix.dnares.in/</a>	<a href="http://helix.dnares.in/wp-content/uploads/2018/09/4002-4006.pdf">http://helix.dnares.in/wp-content/uploads/2018/09/4002-4006.pdf</a>
7	Authentication and Secure Communication in CSS Cognitive Radio Networks	Rajesh Kadu	Computer Engineering	IPASJ International Journal of Computer Science (IJCS)	2017-18	ISSN: 2321-5992	<a href="https://www.ipasj.org/">https://www.ipasj.org/</a>	<a href="#">AAuthentication RK</a>
8	A cognitive approach for Real Time monitoring of CO & CO2 in vehicles	Prachi Shahane,Preeti Godabole	Computer Engineering	AETSD Journal For Advanced Research In Applied Science	2017-2018	ISSN No 1001-2400	<a href="http://xadzkjdx.cn">http://xadzkjdx.cn</a>	<a href="https://iaetsdjaras.org/gallery/31-january-437.pdf">https://iaetsdjaras.org/gallery/31-january-437.pdf</a>
9	Predictive Analysis in Healthcare	Anindita Khade	Computer Engineering	International Journal of Computer Engineering And Applications	2017-18	ISSN 2321-3469	<a href="https://www.ijcea.com/">https://www.ijcea.com/</a>	<a href="http://www.ijcea.com/predictive-analysis-healthcare/">http://www.ijcea.com/predictive-analysis-healthcare/</a>
10	Design And Development of MOPNAR Technique for Enhancement of Smart Home System- A Survey	Vaishali Bhujade	Computer Engineering	International Journal of Advance Computational Engineering and Networking (IJACEN)	2017-18	ISSN: 2320-2106	<a href="http://ijacen.iraj.in/">http://ijacen.iraj.in/</a>	<a href="#">Design and VB</a>
11	Research Analysis on Optimization of Energy Consumption in Wireless Sensor network	K. Lakshmisudha	Information Technology	Wireless and Mobile Communications, Advances in Wireless and Mobile Communications	2017-18	ISSN 0973-6972	<a href="https://www.ripublication.com/awmc.htm">https://www.ripublication.com/awmc.htm</a>	<a href="#">Optimization-of-LS</a>
12	Dynamic Probabilistic Rate Allocation and Flow Control Algorithm During Congestion in Wireless Sensor Network	K. Lakshmisudha	Information Technology	Journal of Computational and Theoretical Nanoscience	2017-18	ISSN: 4268-4277	<a href="http://www.aspbs.com/ctn/">http://www.aspbs.com/ctn/</a>	<a href="#">Dynamic LS</a>
13	Experimentation of surface areal irradiance method for solar flux measurement in compound parabolic collector	Kaustubh C	Mechanical Engineering	Optik	2017-18	Pages 373-384	<a href="#">Experimentation KC</a>	<a href="#">Experimentation KC</a>
14	On Application of Fixed Point Theorem for Solving Initial Value Problems and Integral Equations	Chavan Ashwinkumar Raosaheb	Humanities and Applied Sciences	International Journal of Research and Analytical Reviews	2017-18	2349-5138	<a href="http://ijrar.com/index.php">http://ijrar.com/index.php</a>	<a href="#">ijrar_issue_868.pdf</a>
15	On Completion of Normed Vector Space and Contraction Mapping	Chavan Ashwinkumar Raosaheb	Humanities and Applied Sciences	International Journal of Mathematics and Its Applications	2017-18	2347-1557	<a href="http://ijmaa.in/index.php/ijmaa">http://ijmaa.in/index.php/ijmaa</a>	<a href="#">On Completion AC</a>