

**DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS**

Sl. No.	Title of article	Authors	Journal & Publisher	Year of publication	Indexed	Link to paper/DOI
1	An Experimental Framework for Automated Bed Localization and Drug Identification Using ZigBee Signal Strength and Mobile Robot	Basavaraj Chougula et al.		2019	SCOPUS	<a href="https://ieeexplore.ieee.org/document/9007934">https://ieeexplore.ieee.org/document/9007934</a>
2	"Secured CBIR with Anonymity Preserving for Images and Users in Cloud Environment"	Praveen Chitti et al.	Conference IEEE	2019	scopus	<a href="https://ieeexplore.ieee.org/document/9033822">https://ieeexplore.ieee.org/document/9033822</a>
3	Analysis of Various CNN Models for Locating Keratin Pearls in Photomicrographs	Rajashekargouda C. Patil et al.		2019	Scopus	<a href="https://doi.org/10.1007/978-981-13-5802-9_45">https://doi.org/10.1007/978-981-13-5802-9_45</a>
4	Automatic Smart Parking and Reservation System Using IOT"	Basavaraj Chougula et al.	BBBC Journal 2020	2020	Web of Science	<a href="http://dx.doi.org/10.21786/bbrc/13.13/15">http://dx.doi.org/10.21786/bbrc/13.13/15</a>
5	Road segmentation for autonomous vehicle: A review	Basavaraj Chougula et al.		2020	SCOPUS	<a href="https://ieeexplore.ieee.org/document/9316090">https://ieeexplore.ieee.org/document/9316090</a>
6	Gesture Controlled Wheel Chair and Convertible Wheel Chair into Stretcher	Basavaraj Chougula et al.		2020	SCOPUS	<a href="https://ieeexplore.ieee.org/document/9154172">https://ieeexplore.ieee.org/document/9154172</a>
7	Development of an Efficient Non-Destructive Grading Method for Pomegranate using Magnetic Resonance Imaging and Neural Network	Krupa Rasane et al.	Lecture Notes in Networks and Systems , IICIT 2019	2020	Scopus	DOI: <a href="https://doi.org/10.1007/978-981-15-0146-3">https://doi.org/10.1007/978-981-15-0146-3</a>
8	Designing a novel architecture to reduce stand by and dynamic power dissipation for sleepy keeper CMOS logic circuits	Rajani H.P. et al.	Bioscience Biotechnology Research Communications Journal	2020	WoS	DOI:10.21786/BBBC/13.13/19
9	Efficient Design Techniques of Flash ADC for High Speed and Ultra Low Power Applications	Rajani H.P. et al.	Bioscience Biotechnology Research Communications Journal	2020	WoS	DOI:10.21786/BBBC/13.13/20
16	Design and Implementation of 3-bit Flash Analog to Digital Converter for Low Power and High Speed Applications with New Ex-OR Based ROM Encoder	Rajani H.P. et al.		2020	Scopus	
10	Bandwidth Enhancement of Microstrip Antenna Using Fractal Geometry for S-Band Applications	Bharamappa Kattimani et al.	SN Computer Science	2021	SCOPUS	<a href="https://doi.org/10.1007/s47979-021-00675-9">https://doi.org/10.1007/s47979-021-00675-9</a>
11	Detection of Pedestrian, Lane and Traffic Signal for Vision Based Car Navigation.	Basavaraj Chougula et al.		2021	SCOPUS	<a href="https://ieeexplore.ieee.org/document/9456137">https://ieeexplore.ieee.org/document/9456137</a>
12	Stochastic Model of a Sensor Node	Krupa Rasane et al.	Springer, Singapore	2021	scopus	<a href="https://link.springer.com/chapter/10.1007/978-981-15-4851-2_26">https://link.springer.com/chapter/10.1007/978-981-15-4851-2_26</a>
20	Comparative Analysis of OFDM MIMO and IDMA OFDM MIMO using Aqua Sim Simulator for Underwater Communication	Salma Shahahpur et al.	Journal of Physics	2021	Scopus	
21	IDMA OFDM MIMO with RS and Convolutional code for Underwater Acoustic Communication	Salma Shahahpur et al.	Turkish Journal of Computer and Mathematics Education	2021	Scopus	
13	A tapered slot rectangular ultra-wideband microstrip patch antenna for radio frequency energy harvesting	Rajani H.P. et al.		2021	Scopus	<a href="https://www.springer.com/gp/book/9789811646249">https://www.springer.com/gp/book/9789811646249</a> Springer-Lecture Notes in Electrical Engineering,
14	A brief survey on metamaterial antennas it's importance and challenges	Rajani H.P. et al.	Springer Nature Singapore	2021	Scopus	<a href="https://doi.org/10.1007/978-981-16-4625-6_41">https://doi.org/10.1007/978-981-16-4625-6_41</a>
15	Sentimental Analysis on Amazon Reviews Using Machine Learning.	Rajashekargouda C. Patil et al.		2021	Scopus	<a href="https://doi.org/10.1007/978-981-19-2541-2_37">https://doi.org/10.1007/978-981-19-2541-2_37</a>
16	A miniaturized design of Visek snowflake-box fractal microstrip patch antenna using defective ground structure for wireless applications	Bharamappa Kattimani et al.	International Journal of Microwave and Wireless Technologies & Cambridge University Press	2022	SCOPUS	<a href="https://doi.org/10.1017/S1759078722000083">https://doi.org/10.1017/S1759078722000083</a>
17	CANoe Tool usage for Communication Between Automotive Grade Processors	Basavaraj Chougula et al.		2022	SCOPUS	<a href="https://ieeexplore.ieee.org/abstract/document/9824832">https://ieeexplore.ieee.org/abstract/document/9824832</a>
18	GoogLeNet Application towards Gesture Recognition for ASL Character Identification	Basavaraj Chougula et al.		2022	SCOPUS	<a href="https://ieeexplore.ieee.org/abstract/document/9793165">https://ieeexplore.ieee.org/abstract/document/9793165</a>
19	Deep Learning Based Non-Destructive Evaluation of Physicochemical parameters for Post harvested Pomegranate Fruits	Krupa R Rasane et al.	Indian Journal of Computer Science and Engineering (IJCSSE)	2022	Scopus	DOI:10.21817/indjcsse/2022/v13i6/221306133
20	Shelf Life Prediction of Post-Harvested Pomegranate using Enhanced Deep Learning	1. Surekha V Yakatpure 2. Dr. Krupa R Rasane 3. Dr. K. Dinesh Babu	Indian Journal of Computer Science and Engineering (IJCSSE)	2022	Scopus	DOI: 10.21817/indjcsse/2022/v13i6/221306125
21	Performance Analysis of Error Control Codes for Underwater Wireless Acoustic Communication	Salma Shahahpur et al.	Walaalak Journal of Science and Technology	2022	Scopus	<a href="https://doi.org/10.48048/wis.2022.2164">https://doi.org/10.48048/wis.2022.2164</a>
22	Simulation of OFDM MIMO with IDMA for Underwater Acoustic Communication	Salma Shahahpur et al.		2022	Scopus	<a href="https://doi.org/10.1007/978-981-16-7985-8_9">https://doi.org/10.1007/978-981-16-7985-8_9</a>
23	Automated Defence Surveillance Using Tranquillizer	Salma Shahahpur et al.		2022	Scopus	<a href="https://doi.org/10.1109/MysuruCon55714.2022">https://doi.org/10.1109/MysuruCon55714.2022</a>
24	Impact Of Global Warming On Endangered Species Using Data Science	Salma Shahahpur et al.		2022	Scopus	<a href="https://doi.org/10.1109/ICCCMLA56841.2022">https://doi.org/10.1109/ICCCMLA56841.2022</a>
25	A Spurious Free Dual Band Microstrip Patch Antenna for Radio Frequency Energy Harvesting	Rajani H.P. et al.	Indian Journal of Science and Technology	2022	WoS	<a href="https://doi.org/10.17485/IJST/v13i5/2025">https://doi.org/10.17485/IJST/v13i5/2025</a>
26	Data Leakage Detection in Cloud Computing Environment Using Classification Based on Deep Learning Architectures	Rajashekargouda C. Patil et al.	Int J Intell Syst Appl Eng	2022	Scopus	<a href="https://ijisae.org/index.php/IJISAE/article/view/2401/983">https://ijisae.org/index.php/IJISAE/article/view/2401/983</a>
36	A survey on autonomous navigation techniques	Krupa Rasane et al.	IEEE	2/9/2018	scopus	<a href="https://ieeexplore.ieee.org/document/8479446">https://ieeexplore.ieee.org/document/8479446</a>
27	Investigation of Power Consumption in Microcontroller Based Systems	Krupa Rasane et al.	Springer, Cham	2/14/2019	scopus	<a href="https://link.springer.com/chapter/10.1007/978-3-030-28364-3_40">https://link.springer.com/chapter/10.1007/978-3-030-28364-3_40</a>
28	A Survey of Deep Learning for Sentiment Analysis	Krupa Rasane et al.	Asian Journal For Convergence in Technology (AJCT)	4/12/2019		<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=ALHataUAAA&amp;citati on_for_view=ALHataUAAA&amp;seq=3&amp;btn=btn=Asian%20Journal%20For%20Convergence%20in%20Technology%20(AJCT)%20ISSN%20235056201146">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=ALHataUAAA&amp;citati on_for_view=ALHataUAAA&amp;seq=3&amp;btn=btn=Asian%20Journal%20For%20Convergence%20in%20Technology%20(AJCT)%20ISSN%20235056201146</a>
29	A NOVEL APPROACH TO REAL-TIME 3D PATH PLANNING FOR AUTONOMOUS NAVIGATION OF UNMANNED AERIAL VEHICLE OBSTACLES DETECTION	Krupa Rasane et al.	INTERDISCIPLINARY JOURNAL OF NEUROQUANTOLOGY	Nov-22	Scopus	INTERDISCIPLINARY JOURNAL OF NEUROQUANTOLOGY
40	REAL TIME UAV 3D PATH PLANNING USING INTEGRATED PROBABILISTIC PATTERN MODELLING	Krupa Rasane et al.	ADVANCED ENGINEERING SCIENCE	Dec-22	Scopus	
30	Energy Aware Path Planning For UAV-An Analysis	Krupa Rasane et al.	International Journal of Scientific and Technical Research in Engineering (IJSTRE)	Mar-Apr 2021.	Scopus	<a href="http://www.ijstre.com/Publish/6202021/754235559.pdf">http://www.ijstre.com/Publish/6202021/754235559.pdf</a>
31	Characteristics Mode Analysis of Modified Inset-fed Microstrip Antenna for Radio Frequency Energy Harvesting	Rajani H.P. et al.	Journal Bioscience Biotechnology Research Communications Journal. Biosc. Biotech. Res. Comm.	2020	WoS	<a href="http://dx.doi.org/10.21786/bbrc/13.13/24">http://dx.doi.org/10.21786/bbrc/13.13/24</a>
32	A 2.45 GHz high gain radio frequency energy harvesting system in the Internet of Thing applications.	Rajani H.P. et al.	International Journal	2023	Scopus	<a href="https://doi.org/10.52756/ijerr.2023.v3i1sp.011">https://doi.org/10.52756/ijerr.2023.v3i1sp.011</a> .