

**DEPARTMENT OF CIVIL ENGINEERING**

Sl. No.	Title of article	Authors	Journal & Publisher	Year of publication	Indexed	Link to paper/DOI
1	Flood Flow Analysis in Mahadayi River Basin	Sanjeev Sangami et al.	Civil Engineering trends and challenges for sustainability	2019	Scopus	10.1007/978-981-15-4773-9_9
2	Effective adsorption of lead and copper from aqueous solution by samanea saman and banana stem	Sanjeev Sangami et al.	Advances in Environmental Research	2019	Scopus	
3	Investigation of Effect of Brine Solution on Mechanical Properties of Composite Resin Joints for Marine and offshore Applications	Madhavi Megi et al.	International Journal of Mechanical and Production, Trans steller	2020	Scopus	
4	Effect of Landfill Leachate on Performance of Subgrade Soil	Sanjeev Sangami et al.	Lecture Notes in Civil Engineering	2021	Scopus	<a href="https://doi.org/10.1007/978-981-15-6828-2_34">doi.org/10.1007/978-981-15-6828-2_34</a>
5	Comparative study of controlled and fractured concrete model for FRP confined circular short column	Sachin Kulkarni et al.	Lecture Notes	2021	Scopus	10.1007/978-981-15-6828-2_41
7	Evaluation of structural performances of metakaolin based geopolymer concrete	Fatheali Shilar et al.	JMRT, Elsevier	2022	Scopus	10.1007/978-981-19-1862-9_32
8	Assessment of Destructive and Nondestructive Analysis for GGBS Based Geopolymer Concrete and Its Statistical Analysis	Fatheali Shilar et al.	Polymer	2022	Scopus	10.1007/978-981-19-1862-9_66
9	Evaluation of the Effect of Granite Waste Powder by Varying the Molarity of Activator on the Mechanical Properties of Ground Granulated Blast-Furnace Slag-Based Geopolymer Concrete	Fatheali Shilar et al.	Polymer	2022	Scopus	<a href="https://doi.org/10.3390/polym14020306">doi.org/10.3390/polym14020306</a>
10	Investigation of the effect of granite waste powder as a binder for different molarity of geopolymer concrete on fresh and mechanical properties	Fatheali Shilar et al.	Materials Letters, Elsevier	2022	Scopus	<a href="https://doi.org/10.1016/j.matlet.2021.131302">doi.org/10.1016/j.matlet.2021.131302</a>
12	Review on the Relationship between Nano Modifications of Geopolymer Concrete and Their Structural Characteristics	Fatheali Shilar et al.	Polymer	2022	Scopus	<a href="https://doi.org/10.3390/polym14071421">doi.org/10.3390/polym14071421</a>
13	Comparative Study on Design of Water Supply Distribution Network Using LOOP and Water GEMS Software: A Case Study	Sanjeev Sangami et al.	Recent Advances in Civil Engineering	2022	Scopus	<a href="https://doi.org/10.1007/978-981-19-1862-9_66">doi.org/10.1007/978-981-19-1862-9_66</a>
14	Molarity activity effect on mechanical and microstructure properties of geopolymer concrete: A review	Fatheali Shilar et al.	Elsevier	2022	Scopus	<a href="https://doi.org/10.1016/j.cesem.2022.e01014">doi.org/10.1016/j.cesem.2022.e01014</a>
15	Design of Grey Water Treatment Using Community Soak Pit Method	Sanjeev Sangami et al.	SPRINGER	2023	Scopus	<a href="https://doi.org/10.1007/978-981-99-2676-3_22">https://doi.org/10.1007/978-981-99-2676-3_22</a>
16	Assessment of Surface Water Quality Parameters of Panchganga River	Sanjeev Sangami et al.	SPRINGER	2022	Scopus	<a href="https://doi.org/10.1007/978-981-16-2826-9_49">https://doi.org/10.1007/978-981-16-2826-9_49</a>

**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	Rajashekharagouda 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/s42979-021-00675-9">https://doi.org/10.1007/s42979-021-00675-9</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.	Rajashekharagouda 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.	Watalaik Journal of Science and Technology	2022	Scopus	<a href="https://doi.org/10.48048/wjst.2022.2164">https://doi.org/10.48048/wjst.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 Tranquilizer	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/KCCMLA56841.2022">https://doi.org/10.1109/KCCMLA56841.2022</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	Rajashekharagouda 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=btnCite&amp;as_scp=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=btnCite&amp;as_scp=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.v31sp1.011">https://doi.org/10.52756/ijerr.2023.v31sp1.011</a> .

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING					
Sl. No.	Title of article	Authors	Journal & Publisher	Year of publication	Indexed
1	Renewable Energy based Green Power Generation for Rural Electrification	Prof. Vinod S. Patil and Dr G D Kamalapur	International Journal of Engineering and Advanced Technology (IJEAT)	2019	Scopus
2	Implementation of Arithmetic unit for RNS using 2n-3 as base	Aiholi, N., Wali, U., Rachh, R	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus
3	Analysis of Various CNN Models for Locating Keratin Pearls in Photomicrographs	Rajashekhargouda C. Patil & Mahesh P. K.		2019	Scopus
4	Implementation of Arithmetic unit for RNS using 2n+3 as Base	Aiholi, N., Wali, U., Rachh, R	Springer Nature	2020	Scopus
5	Implementation of Arithmetic unit for RNS using 2n+/-3 as Base	Aiholi, N., Wali, U., Mayannavar, S., Rachh, R		2020	
6	Hybrid Energy Network Systems using HOMER pro feasibility study of the Rural Network case study	Prof. Vinod S. Patil and Dr G D Kamalapur	Turkish Online Journal of Qualitative Inquiry (TOJQI)	2021	Scopus
7	Economic Analysis of Grid-connected and Off-Grid Hybrid Electric Systems Using the software Homer Pro	Prof. Vinod S. Patil and et. al		2021	
8	Sentimental Analysis on Amazon Reviews Using Machine Learning.	Rajashekhargouda C. Patil & Chandrashekar N S		2021	Scopus
9	Economic Analysis of Hybrid Electric Systems Using HOMER Pro	Prof. Vinod S. Patil and Dr G D Kamalapur		2022	Scopus
10	Data Leakage Detection in Cloud Computing Environment Using Classification Based on Deep Learning Architectures	Rajashekhargouda C. Patil, Ajay Kumar, Narmadha T., M. Suresh, Akula V.S, Rama Rao and Balesh A	Int J Intell Syst Appl Eng	2022	Scopus
11	Analysis of Electrode Materials for Medical Images by Electrical Impedance Tomography	Venkatratnam Chitturi & Salamah Amin Abu Mady	Scope Volume 13 Number 4 December 2023	2023	Scopus
12	Artificial-Neural-Network based Unified Power Flow Controller (UPFC) for Mitigation of Power Oscillations	Vireshkumar G. Mathad and Dr. G. H. Kulkarni	to 1331.	2021	Scopus
13	Optimal Placement of UPFC using Evolutionary Algorithms	Vireshkumar G. Mathad and Dr. G. H. Kulkarni	Turkish Online Journal of Qualitative Inquiry (TOJQI)	2021	Scopus
14	Dual Motor Control using Double Zero Sequence Injection Method in Five Leg Voltage Source Inverter	Jayaprakash Sabarad and Dr. G. H. Kulkarni	International Journal of Recent Technology and Engineering (IJRTE)	2020	
15	Wireless Charging System for EV's Using Solar	Prof.Megha Sankpal and Dr.Basavraj Madiggond		2023	

Link to paper/DOI
<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i2/A1026109119.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i2/A1026109119.pdf</a>
<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>
doi: 10.1007/978-981-15-8289-9_58
<a href="https://www.tokji.net/index.php/journal/article/view/3867/2637">https://www.tokji.net/index.php/journal/article/view/3867/2637</a>
<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>
Under Publication
<a href="https://ijisae.org/index.php/IJISAE/article/view/2401/983">https://ijisae.org/index.php/IJISAE/article/view/2401/983</a>
<a href="https://proceeding.conferenceworld.in/ICRTET-2023/10.pdf">https://proceeding.conferenceworld.in/ICRTET-2023/10.pdf</a>

**DEPARTMENT OF MATHEMATICS**

SL. No.	Title of article	Authors	Journal & Publisher	Year	Indexed
1	COMPUTING CERTAIN TOPOLOGICAL INDICES FOR LINE GRAPHS OF TADPOLE GRAPHS, WHEEL GRAPH AND LADDER GRAPH	Prashant Patil Girish Yattinhalli	International Journal of Mathematical Archive	2019	UGC
2	ON SQUARE DEGREE DISTANCE OF MYCIELSKIAN GRAPHS	Shalaja Shirakol, Manjula Kalyanshetti	International Journal of Scientific and Technical Research in Engineering (IUSTRE)	2019	UGC
3	OSPR ANALYSIS OF CERTAIN DISTANCE BASED TOPOLOGICAL INDICES	Shalaja Shirakol <sup>1</sup> , Manjula Kalyanshetti <sup>2</sup> , Sunilkumar M. Hosamani <sup>3</sup>	Applied Mathematics and Nonlinear Sciences	2019	UGC
4	DISTANCE-BASED TOPOLOGICAL ACHARYA POLYNOMIAL AND INDICES OF HAMILTONIAN GRAPHS	Shalaja Shirakol & Manjula Kalyanshetti	Journal of Shanghai Jiaotong University	2019	UGC
5	Minimum covering energy of some derived and coalescence of complete graphs	Raju Kotambari, Sudhir Jog	International Journal of Advanced Science & Engineering	2020	UGC
6	Second Zagreb indices of transformation graphs and total transformation graphs	Prashant Patil Girish Yattinhalli	Open Journal of Discrete Applied Mathematics (ODAM)	2020	UGC
7	ON NEIGHBORHOOD DEGREE DISTANCE AND NEIGHBORHOOD GUTMAN INDEX OF MOLECULAR GRAPHS	Shalaja Shirakol and Manjula Kalyanshetti	Journal of Shanghai Jiaotong University	2020	UGC
8	NEW ECCENTRICITY BASED TOPOLOGICAL INDICES OF TOTAL TRANSFORMATION GRAPHS	S. M. Hosamani <sup>1</sup> , I. N. Cangul <sup>2</sup> , S. S. Shirakol <sup>3</sup> and M. V. Kalyanshetti <sup>4</sup>		2020	UGC
9	Minimum covering energy of some derived and coalescence of complete graphs	Raju Kotambari, Sudhir Jog	Journal of Huazhong University of Science and Technology	2021	UGC
10	Computing Topological Indices of Certain Windmill Graphs	Prashant Patil, Rahul Munavalli	Journal of Computational Mathematica	2022	UGC
11	THE AVERAGE DEGREE-DISTANCE INDEX OF GRAPH OPERATIONS	Shalaja Shirakol and Manjula Kalyanshetti	Journal of Computational Mathematic	2022	UGC
12	DEGREE DISTANCE BASED TOPOLOGICAL INDICES OF SOME GRAPH TRANSFORMS	Sunilkumar M. Hosamani, Shalaja S. Shirakol, Murat Cancan,	Journal of Discrete Mathematical Sciences & Cryptography	2022	UGC

Link to paper/DOI
<a href="http://www.lima.info/index.php/lima/article/view/6072/3578">http://www.lima.info/index.php/lima/article/view/6072/3578</a>
<a href="http://www.iistre.com">www.iistre.com</a>
<a href="https://doi.org/10.2478/AMNS.2019.2.00032">https://doi.org/10.2478/AMNS.2019.2.00032</a>
<a href="https://shidoxe-e.cn/volume-18-issue-2/">https://shidoxe-e.cn/volume-18-issue-2/</a>
<a href="https://doi.org/10.29294/IJASE.7.2.2020.1761-1769">https://doi.org/10.29294/IJASE.7.2.2020.1761-1769</a>
DOI: 10.30538/psrp-odam2020.0022
<a href="https://shidoxe-e.cn/volume-16-issue-7">https://shidoxe-e.cn/volume-16-issue-7</a>
10.13140/RG.2.2.13517.26083
DOI: <a href="https://doi.org/10.26524/cm117">https://doi.org/10.26524/cm117</a>
<a href="https://doi.org/10.26524/cm120">doi.org/10.26524/cm120</a>
<a href="https://doi.org/10.1080/09720529.2022.2031151">doi.org/10.1080/09720529.2022.2031151</a>

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

<b>Sl. No.</b>	<b>Title of article</b>	<b>Authors</b>	<b>Journal &amp; Publisher</b>	<b>Year of publication</b>	<b>Indexed</b>
1	Analysis of sequential rule mining for energy conservation	Prakash K Sorwalkar et al.	International Journal of Computer Application(IJCA)	2018	DOAJ, Google Scholar
2	"Study of the Fractal Nature of Evapotranspiration Time Series from Agricultural Regions of Northern Karnataka"	Uttam Patil et al.	International Journal of Intelligent Systems Technologies and Applications, Inderscience.	2020	Scopus
3	Design and implementation of enhanced security model for wireless sensor network on ARM processor	Prakash K Sorwalkar et al.	ScienceDirect, Measurement: Sensors	2022	Elsevier/Scopus
4	Improved ACO Oriented Efficient Cluster Head Selection Mechanism for Energy Aware Routing Scheme in WSN	Prakash K Sorwalkar et al.	International Journal of Electrical and Electronics Engineering(SSRG – IJEEE)	2022	Scopus
5	Energy Efficient Hop-by-Hop Retransmission and Congestion Mitigation of an Optimum Routing and Clustering Protocol for WSNs	Prakash K Sorwalkar et al.	International Journal of Advanced Computer Science and Applications(IJACSA)	2022	Scopus & WoS
6	Rectenna Design for Enhanced Node Lifetime in Energy Harvesting WSNs	Prakash K Sorwalkar et al.	International Journal of Advanced Computer Science and Applications(IJACSA)	2022	Scopus & WoS
7	Hierarchical Access Control in Cloud Computing	Sudhir Wakude , Vivekanand Reddy	International Journal of Research Publication and Reviews	2022	
9	ENERGY MINIMIZATION AND TASK DEADLINE AWARE WORKLOAD SCHEDULING (EMTDA-WS)	Uttam Patil et al.	International Journal on Information Technologies & Security	2022	Scopus
10	Using Event-Related Potentials (ERP) to identify the purchase intention of a consumer for familiar brands	Mayur Jartarkar et al	Neuroscience Research Notes, Neurotak Publishing.	2023	Scopus
11	Novel EEG Features for Consumer Emotion Prediction using Correlation-Based Subset Selection	Mayur Jartarkar et al		2023	
12	IoT Enabled Automated Speed Detection for Highways	Dr.Ryan Dias	10.15680/IJRCCE.2023.1105292	2023	Scopus
13	Conversion of Sign Language to Words	Dr.Ryan Dias	International Journal of Research Publication and Reviews	2023	Scopus

Link to paper/DOI
<a href="https://doi.org/10.26808/rs.ca.lib.v1.04">dx.doi.org/10.26808/rs.ca.lib.v1.04</a>
<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJISTA.2020.111064">https://www.inderscienceonline.com/doi/abs/10.1504/IJISTA.2020.111064</a>
<a href="https://doi.org/10.1016/j.measen.2022.100492">doi.org/10.1016/j.measen.2022.100492</a>
<a href="https://doi.org/10.14445/23488379/IJEEF-V9I8P106">doi.org/10.14445/23488379/IJEEF-V9I8P106</a>
<a href="https://doi.org/10.14569/IJACSA.2022.013037g">10.14569/IJACSA.2022.013037g</a>
<a href="https://doi.org/10.14569/IJACSA.2022.0130285">10.14569/IJACSA.2022.0130285</a>
<a href="https://ijpr.com/uploads/V3ISSUE8/IJRPR6537.pdf">https://ijpr.com/uploads/V3ISSUE8/IJRPR6537.pdf</a>
<a href="https://ijits-bq.com/contents/IJITS-2022-No2/2022-N2-02.pdf">https://ijits-bq.com/contents/IJITS-2022-No2/2022-N2-02.pdf</a>
<a href="https://doi.org/10.31117/neuroscirn.v5i4.163">https://doi.org/10.31117/neuroscirn.v5i4.163</a>
<a href="https://doi.org/10.6084/m9.figshare.20069402.v1">https://doi.org/10.6084/m9.figshare.20069402.v1</a>
<a href="https://doi.org/10.15680/IJRCCCE.2023.1105292">10.15680/IJRCCCE.2023.1105292</a>
<a href="https://ijpr.com/uploads/V4ISSUE5/IJRPR13529.pdf">https://ijpr.com/uploads/V4ISSUE5/IJRPR13529.pdf</a>



**DEPARTMENT OF MECHANICAL ENGINEERING**

<b>SL. No.</b>	<b>Title of article</b>	<b>Authors</b>	<b>Journal &amp; Publisher</b>	<b>Year of publication</b>	<b>Indexing</b>
1	Design and Development of Laboratory Scale Flame Tube Apparatus	M. Sreedhar Babu et al.	AIP Publications	2019	Scopus
2	Emission Analysis of a Small Capacity Producer gas Engine at Higher Hydrogen Concentration and Compression Ratios	M Sreedhar Babu et al.	Springer Nature Singapore	2019	Scopus
3	Adaptation of air gas regulator for small capacity producer gas engines	M Sreedhar Babu et al.	Energy Procedia, Elsevier	2019	Scopus
4	Operational Cutting Force Identification in End Milling Using Inverse Technique to Predict the Fatigue Tool Life	Ratan A. Patil et al.	Iranian Journal of Science & Technology, Transactions of Mechanical Engineering, Springer Publications	2020	SCI Indexed
5	Experimental Investigation of TIG Welding Parameters and Weld Joint Strength for Carbon Steel- SA516GR70 Material Based on Taguchi Method	Ratan A. Patil et al.	International Journal of Vehicle Structures and Systems, MechAero Publications	2020	Scopus
6	Modal Frequency study of End Mill Tool with Carbon steel and Cast-Iron Work Material using Impact Excitation	Ratan A. Patil et al.	Materials Today: Proceedings, Elsevier Publications	2021	Scopus
7	Design and Development of Portable Electrical Resistance Furnace	Anand K. Hosamani et al.	IOP Conference Series: Materials Science and Engineering	2021	Scopus
8	Numerical Investigation of wavy channel using several Nanofluids	Anand K. Hosamani et al.	IOP Conference Series: Materials Science and Engineering	2021	Scopus
9	Performance Analysis of Double Pipe by Using Different Nanofluids	Anand K. Hosamani et al.	Springer Nature Singapore	2021	Scopus
10	Numerical analysis of two tube helical heat exchanger using various nano-fluids	Anand K. Hosamani et al.	Materials Today: Proceedings, Elsevier Publications	2021	Scopus
11	Experimental investigation of heat sinks with and without perforation – Addressing towards higher cooling rates and optimum material	Rajshekar V Unni et al.	Springer book chapter	2021	Scopus
12	Experimental investigation of electronic cooling rates considering perforated and dwarf based heat sinks	Rajshekar V. Unni et al.		2021	Scopus
13	Measurement of Laminar Flame Speed of LPG-Air mixtures With Cylindrical Flame Tube Method	M. Sreedhar Babu et al.	Springer Nature Singapore	2021	Scopus
14	Effect of combustible fractions of a sustainable producer gas fuel on SI engine : Combustion and emissions - An experimental analysis	M Sreedhar Babu et al.	Heat Transfer Engineering, Taylor & Francis	2022	SCI Indexed
15	Effect of through slots and dwarf finned heat sinks on electronic cooling load	Rajshekar V. Unni et al.	Springer Nature	2022	Scopus

Link to paper/DOI
<a href="https://doi.org/10.1063/1.5006866">https://doi.org/10.1063/1.5006866</a>
<a href="https://doi.org/10.1007/978-981-32-9971-9_25">https://doi.org/10.1007/978-981-32-9971-9_25</a>
<a href="https://doi.org/10.1016/j.egypro.2018.11.091">https://doi.org/10.1016/j.egypro.2018.11.091</a>
<a href="https://doi.org/10.1007/s40697-020-00388-z">https://doi.org/10.1007/s40697-020-00388-z</a>
DOI: 10.4273/ijvss.14.1.02
<a href="https://doi.org/10.1016/j.matpr.2021.11.047">https://doi.org/10.1016/j.matpr.2021.11.047</a>
doi:10.1088/1757-899X/1065/1/012016
doi:10.1088/1757-899X/1065/1/012007
<a href="https://doi.org/10.1007/978-981-33-4176-0_26">https://doi.org/10.1007/978-981-33-4176-0_26</a>
<a href="https://doi.org/10.1016/j.matpr.2021.06.187">https://doi.org/10.1016/j.matpr.2021.06.187</a>
<a href="https://doi.org/10.1007/978-981-33-4176-0_23">https://doi.org/10.1007/978-981-33-4176-0_23</a>
<a href="https://doi.org/10.1007/978-981-33-4176-0_23">https://doi.org/10.1007/978-981-33-4176-0_23</a>
<a href="https://doi.org/10.1007/978-981-33-4176-0_23">https://doi.org/10.1007/978-981-33-4176-0_23</a>
<a href="https://doi.org/10.1080/01457632.2022.2079049">https://doi.org/10.1080/01457632.2022.2079049</a>
<a href="https://doi.org/10.1007/978-981-19-7709-1_51">https://doi.org/10.1007/978-981-19-7709-1_51</a>

## DEPARTMENT OF MCA

## DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

SL. No.	Title of article	Authors	Journal & Publisher	Year of publication	Indexing	Link to paper/DOI
1	Segmentation of brain tumor tissues in multi-channel MRI using convolutional neural networks	Poorna Chandra S et al	Brain Informatics / Springer International Publishing	2020	DBLP	
2	Segmentation of brain tumor tissues in HGG and LGG MR images using 3D U-Net convolutional neural network	Poorna Chandra S et al	International Journal of Natural Computing Research/ IGI Global Publishing	2019	DBLP	
3	Preprocessing of MR Images for Effective Quantitative Image Analysis	Poorna Chandra S et al	2019 Fifth International Conference on Image Information Processing (ICIIP)	2019		
4	Auto- Completion of Queries	V.S.Dandagi, et al	Intelligent Data Communication Technologies and Internet of Things: Proceedings of ICICI 2020, Springer Singapore, 2021	2021		DOI:10.1007/978-981-15-9509-7_36
5	Query Auto Completion Using Graphs	V.S.Dandagi, et al	Soft Computing Research Society and Congress on Intelligent Systems (CIS) 2020	2021		
6	A System for Connecting Patient to Doctor	Milind Rao Pawar, et al	Journal of Advances in Science and Technology (IAST)	2016		10.29070/IAST
7	IOT Streaming Applications and Challenges to Achieve Real-Time QOS	Milind Rao Pawar, et al	Journal of Advances in Science and Technology (IAST)	2016		10.29070/IAST
8	A Novel Security Analysis against Impersonation Attacks for Distributed Systems	Milind Rao Pawar, et al	Journal of Advances in Science and Technology (IAST)	2016		10.29070/IAST
9	Adaptive Neuro-Fuzzy Inference System for Recognition of Cotton Leaf Diseases	Milind Rao Pawar, et al	International Journal of Science and Engineering Development Research, [USDR]	2016		
10	A Novel Technique for Land Mine Detection	Milind Rao Pawar, et al	A Novel Technique for Land Mine Detection	2013		

DEPARTMENT OF MBA

SL. No.	Title of article	Authors	Journal & Publisher	Year of publication
1	A Study on Brand Loyalty for Cosmetic Products among Female Customers in Belagavi City'	Varun Jewargi <sup>1*</sup> , Veerendrakumar M Narasalagi <sup>2</sup> and Ummi Nalemah Saraih <sup>3</sup>	International Journal of Business and Technopreneurship	2022
2	The Influence of E-shopping and Brand Loyalty on purchase Intention of Skincare Products: A Case Study in North Karnataka Region during COVID-19.	Varun Jewargi, Veerendrakumar Narasalagi, Shivashankar K, P.M. Kulkarni, Veena Angadi	Manthan, Journal Press India	2023

**DEPARTMENT OF PHYSICS**

<b>SL. No.</b>	<b>Title of article</b>	<b>Authors</b>	<b>Journal &amp; Publisher</b>	<b>Year of publication</b>	<b>Indexing</b>
1	Structural and Dielectric Properties of Combustion-Synthesized Mn-Zn Nanoferrites	Ravi. C. Bharamagoudar, J. Angadi, A. S. Patil, and S. N. M	Internationals journal of self propagating High-Temperature synthesis (Springer)	2019	SCI Indexed
2	Structural, Dielectric, and Magnetic Properties of SCS-Produced Copper Zinc Nanoferrites	Ravi. C. Bharamagoudar, A. S. Patil and S. N. M	Internationals journal of self propagating High-Temperature synthesis (Springer)	2019	SCI Indexed
3	Effect of Dy on structural and low temperature magnetic properties of Ca 0.7 Dy 0.3 MnO 3	Ravi Bharamagoudar , Shidaling Matheppanavar, Anil S Patil	Chemical Data Collections (Elsevier)	2019	SCI Indexed
4	Luminescence and nonlinear optical properties of Er3+-doped ZnWO4 nanostructures	MA Shikumar et al	Journal of Photochemistry and Photobiology A: Chemistry(Elsevier)	2020	SCI Indexed
5	Evidence of Weak Ferromagnetism, Space Charge Polarization and Metal to Insulator Transition in Dy-Doped CaMnO3	Ravi Bharamagoudar, Basavaraj Angadi, Anil S. Patil,	Chemical Data Collections (Elsevier)	2021	SCI Indexed
6	Low temperature magnetic properties of Gd doped CaMnO3	Ravi Bharamagoudar , Jagadeesha Angadi V , Vinayak Pattar , Anil S. Patil	Chemical Data Collections (Elsevier)	2022	SCI Indexed

Link to paper/DOI
<a href="https://doi.org/10.3103/S1061386219020031">https://doi.org/10.3103/S1061386219020031</a>
<a href="https://doi.org/10.3103/S1061386221040026">https://doi.org/10.3103/S1061386221040026</a>
<a href="https://doi.org/10.1016/j.cdc.2019.100288">https://doi.org/10.1016/j.cdc.2019.100288</a>
<a href="https://doi.org/10.1016/j.jphotchem.2019.112128">https://doi.org/10.1016/j.jphotchem.2019.112128</a>
<a href="https://doi.org/10.1007/s10948-020-05770-1">https://doi.org/10.1007/s10948-020-05770-1</a>
<a href="https://doi.org/10.1016/j.cdc.2022.100846">https://doi.org/10.1016/j.cdc.2022.100846</a>

DEPARTMENT OF CHEMISTRY

SL. No.	Title of article	Authors	Journal & Publisher	Year of publication	Indexing	Link to paper/DOI
1	The evaluation of kinetic parameters for cadmium doped Co-Zn ferrite using thermogravimetric analysis	Raghavendra P. Bakale et. al.	Ovidius University Annals of Chemistry, Ovidius University Press	2019	Google Scholar	DOI:10.2478/auoc-2019-0011