



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

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M.E., Ph. D. (Computer)

Criterion III: - Research, Innovations and Extension

3.3 Research Publications and Awards 2022



Sr No.	Title of paper	Name of Author	Link to article / paper / abstract of the article
1	Effects of stabilization on structures and properties of Electrospun Polyacrylonitrile based carbon nanofibers as a binder free electrode for supercapacitor application	Dr. S. J. Kadam	https://www.sciencedirect.com/science/article/pii/S214785322048726

2	Electrospun 1D TiO ₂ nanofibers for dye-sensitized solar cell application	Dr. S. J. Kadam	https://www.sciencedirect.com/science/article/pii/S214785322034459
3	Binder-Free Synthesis of Nanostructured Amorphous Cobalt Phosphate for Resistive Memory and Artificial Synaptic Device Applications	Dr. S. J. Kadam	https://pubs.acs.org/doi/pdf/10.1021/acsaelm.2c00085
4	Analysis and Prediction of Hydrothermally Synthesized ZnO-Based Dye-Sensitized Solar Cell Properties Using Statistical and Machine-Learning Techniques	Dr. S. J. Kadam	https://pubs.acs.org/doi/pdf/10.1021/acsomega.1c04521
5	Intrusion Detection System based on Energy Efficient Dynamic Clustering in a Heterogeneous Environment of Wireless Sensor Networks (WSNs)	Dr R. K. Chougale	https://www.neuroquantology.com/data-cms/articles/20220928065126pmNQ44553.pdf
6	Machine Learning Tool Development And Use In Biological Information Decoding	Dr.K.R.Desai	https://journalppw.com/index.php/jpsp/article/view/8735/5689
7	Design of Tri-Band Textile Fractal antenna using three different substrate materials for Wi-Fi applications	Mr.A.R.Kittur	https://www.jpier.org/PIER/RC/pier.php?paper=22020402
8	Intrusion Detection System based on Energy Efficient Dynamic Clustering in a Heterogeneous Environment of Wireless Sensor Networks (WSNs)	Mrs.S. S. Shinde	https://www.neuroquantology.com/data-cms/articles/20220928065126pmNQ44553.pdf
9	Enhanced Diagnostic methods for identifying anomalies in imaging of skin lesions	Mr.R.R.Suryawanshi	https://ijeer.forexjournal.co.in/archive/volume-10/ijeer-100452.html
10	Intrusion Detection System based on Energy Efficient Dynamic Clustering in a Heterogeneous Environment of Wireless Sensor Networks (WSNs)	Mr.R.S. Mithari	https://www.neuroquantology.com/data-cms/articles/20220928065126pmNQ44553.pdf

11	A study on battery management system and charging infrastructure for electric vehicle development	Dr. R. K. Chougale	https://kalaharijournals.com/resources/98_MARCH%20ISSUE.pdf
12	A research on critical components of electric vehicle and the impact of circuit failure	Dr R. K. Chougale	https://kalaharijournals.com/resources/94_MARCH%20ISSUE.pdf
13	Intrusion Detection System based on Energy Efficient Dynamic Clustering in a Heterogeneous Environment of Wireless Sensor Networks (WSNs)	Mr.A. A. Desai	https://www.neuroquantology.com/data-cms/articles/20220928065126pmNQ44553.pdf
14	A Morphological Change in Leaves-Based Image Processing Approach for Detecting Plant Diseases	Mrs.A. H. Tirmare	https://ijeer.forexjournal.co.in/archive/volume-10/ijeer-100443.html
15	Intrusion Detection System based on Energy Efficient Dynamic Clustering in a Heterogeneous Environment of Wireless Sensor Networks (WSNs)	Ms.G. S. Ghorpade	https://www.neuroquantology.com/data-cms/articles/20220928065126pmNQ44553.pdf
16	An extraordinary class of asymptotic analytical functions with coefficient inequality	Mr.A.S.Patil	https://www.neuroquantology.com/data-cms/articles/20220904030003pmNQ55472.pdf
17	Flax- and Graphene-Reinforced natural Fiber nanocomposites under Cryogenic environment for constructional applications	Mrs.S.S.Shinde	https://downloads.hindawi.com/journals/jnm/2022/4971582.pdf
18	Intrusion Detection System based on Energy Efficient Dynamic Clustering in a Heterogeneous Environment of Wireless Sensor Networks (WSNs)	Mr.A. R. Jadhav	https://www.neuroquantology.com/data-cms/articles/20220928065126pmNQ44553.pdf
19	Novel Predictive Control and Monitoring System based on IoT for Evaluating Industrial Safety Measures	Mrs.P.S.Mali	https://ijeer.forexjournal.co.in/archive/volume-10/ijeer-100448.html

20	Development of Laboratory Performance Monitoring and Evaluation System Using Machine Learning	Mrs.S.M.Mulla	https://gradivareview.com/volume-8-issue-12-2022/
21	Identification,classification and grading of plant leaf disease using CBIR and K-means clustering	Dr.J. K.Patil	https://www.jetir.org/papers/JETIR2205871.pdf
22	Nano fluids ,micro-lubrications and machining process optimizations –a review	Dr. P. B. Patole	https://mfr.edp-open.org/articles/mfreview/pdf/2023/01/mfreview220045.pdf
23	Road Intersection re-design	Ms.P.A.Bhokare	https://ijsrem.com/download/road-intersection-re-design/
24	Seismic Behaviour and Design of RC Shear Wall using ETABS software	Mr.P. J.Jadhav	https://www.ijraset.com/best-journal/seismic-behaviour-and-design-of-rc-shear-wall-using-etabs-software
25	Identification,classification and grading of plant leaf disease using CBIR and K-means clustering	Mr.V. S.Mandlik	https://www.jetir.org/papers/JETIR2205871.pdf
26	An Evaluation of Road Safety Performance for Selected Road Stretches in Kolhapur City	Mr.N.A.Mohite	https://www.ijraset.com/best-journal/evaluation-of-road-safety-performance-for-selected-road-stretches-in-kolhapur-city
27	Employing Energy and Statistical Features for Automatic Diagnosis of Voice Disorders	Dr.K.R.Desai	https://pubmed.ncbi.nlm.nih.gov/36428819/
28	A Literature Review on Use of Rice Husk Ash As Cementation Material	Mr.S. S.Kotwal	https://doi.org/10.22214/ijraset.2022.43318
29	Detection and qualification of blood cells using image processing	Mr. P. A. Kharade	https://www.researchgate.net/publication/362538040_Detection_and_Quantification_Of_Blood_Cells_Using_Image_Processing?_sg%5B0%5D=PfeVmNQ1D19v5151ZC50QNceMBv0VUxjLZbbiwToyaIql8b

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30	Human IRIS Pattern recognition and matching system for exceptional security identification	Mr. P. A. Kharade	https://www.researchgate.net/publication/362537755_Human_Iris_Pattern_Recognition_and_matching_system_For_Exceptional_Security_Identification
31	To Study Rehabilitation of Old Elevated Water Tank and to Generate Non-Conventional Energy	Ms.P. K. Figueredo	https://www.ijraset.com/best-journal/rehabilitation-of-old-elevated-water-tank-and-to-generate-non-conventional-energy
32	Seismic Behaviour and Design of RC Shear Wall using ETABS software	Mr.V.S. Tiware	https://www.ijraset.com/best-journal/seismic-behaviour-and-design-of-rc-shear-wall-using-etabs-software
33	Diet modelling using nutritional requirement analysis	Mr.S.B.Patil	https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2022/28695/final/final_irjmets1658588279.pdf
34	An Evaluation of Road Safety Performance for Selected Road Stretches in Kolhapur City	Ms.P.A.Bhokare	https://www.ijraset.com/best-journal/evaluation-of-road-safety-performance-for-selected-road-stretches-in-kolhapur-city
35	Visualising and forecasting stock index using analytical tools	Mr.S.B.Patil	https://www.ijrar.org/papers/IJRAR22C1865.pdf
36	Road Intersection re-design	Ms.P. K. Figueredo	https://ijsrem.com/download/road-intersection-re-design/
37	Behaviour of Compressive Strength of M20 Grade Concrete using Ruber Crumb, Magnetized and Normal Water	Mr. P.J. Jadhav	https://www.ijirt.org/master/publishedpaper/IJIRT156257_PAPER.pdf

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41	ALPHA:The Desktop Assistant	Mrs.P.R.Patil	https://www.irjmets.com/uploadedfiles/paper//issue_6_june_2022/26937/final/final_in_irjmets1656535997.pdf
42	Feasibility Study of Zero Discharge Concept in Sugar Industry After Anaerobic Treatment: Case Study of Solapur	Ms.P. K. Figueredo	https://www.ijraset.com/best-journal/feasibility-study-of-zero-discharge-concept-in-sugar-industry-after-an-aerobic-treatment
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			city
48	Identification of flood control measures for Kolhapur city	Mr.V.S.Tiware	(PDF) Identification of flood control measures for Kolhapur city (researchgate.net)
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81	A Literature Review on Use of Rice Husk Ash As Cementation Material	Mr.N. A.Mohite	https://doi.org/10.22214/ijraset.2022.43318
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83	Studies of Physico-Chemical Parameters to Access the Water Quality of Sonhira Lake (Chinchani) For Agricultural Farming Purpose in Kadegaon Tehsil (Sangli District)	Mr.J.C.Thorat	https://ijirt.org/master/publishedpaper/IJIRT156488_PAPER.pdf
84	The Role of green chemistry and its applications in day to day life	Mr.J.C.Thorat	https://www.researchgate.net/publication/365300415_THE_ROLE_OF_GREEN_CHEMISTRY_AND_ITS_APPLICATIONS_IN_DAY-TO-DAY_LIFE/link/636de4b754eb5f547cc174a9/download

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86	Design and analysis of front axle using Solidworks simulation	Mr.J G Shinde	https://www.irjet.net/archives/V9/i5/IRJET-V9I5705.pdf
87	Design and Development of Humidity Controller for Prevention of Microbiological Spoilage in Vegetables	Mr.J G Shinde	https://www.irjet.net/archives/V9/i5/IRJET-V9I5782.pdf
88	Comparative Study Of Performance Of 15% Neem Biodiesel On Single Cylinder Computerized Diesel Engine For Different Compression Ratio and Load	Mr.M.S. Kulkarni	http://ijrar.org/viewfull.php?&p_id=IJRAR22D1552
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90	Challenges of Energy and Environmental Sustainability	Mr.J. G. Shinde	10.14704/nq.2022.20.11.NQ66109
91	A comparative study of project risk management with risk breakdown structure (RBS): a case of commercial construction in India	Mr. M. M. Bepari	https://www.tandfonline.com/doi/abs/10.1080/15623599.2022.2124657