



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

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Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur  
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**Dr. Patangrao Kadam**  
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PRINCIPAL  
**Dr. Vijay Ghorpade**  
M.E., Ph. D. (Computer)

### Criterion III: - Research, Innovations and Extension

#### 3.3 Research Publications and Awards 2019



Sr No.	Title of paper	Name of journal	Name of Author	Link to article / paper/ abstract of the article
1	A Fuzzy Lattice System to Trust Management in Mobile Grid	International Journal of Innovative Technology and Exploring Engineering	Dr. V.R. Ghorpade	<a href="https://www.ijitee.org/wp-content/uploads/papers/v8i10/J95690881019.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i10/J95690881019.pdf</a>
2	Application Check pointing Technique for	International Journal of Grid and High Performance	Dr. V.R. Ghorpade	<a href="https://www.ijghpc.org/10.4018/IJGHPC.2019040103">10.4018/IJGHPC.2019040103</a>

	Self-Healing From Failures in Mobile Grid Computing	Computing		
3	Responsiveness of HEIs to industrial revolution 4.0	International journal of advance and innovative research	Dr. V.R. Ghorpade	<a href="https://iaraedu.com/pdf/ijair-volume-6-issue-1-ix-january-march-2019.pdf">https://iaraedu.com/pdf/ijair-volume-6-issue-1-ix-january-march-2019.pdf</a>
4	Convolutional Neural Networks for Leaf Image-Based Plant Disease Classification	International Journal of Artificial Intelligence	Mr.S.B.Jadhav	<a href="http://doi.org/10.11591/ijai.v8.i4.pp328-341">http://doi.org/10.11591/ijai.v8.i4.pp328-341</a>
5	Identification of plant diseases using convolution neural networks	International Journal of Information Technology	Mr.S.B.Jadhav	<a href="https://doi.org/10.1007/s41870-020-00437-5">https://doi.org/10.1007/s41870-020-00437-5</a>
6	Soybean leaf diseases detection and severity measurement using multiclass SVM KNN classifier	International Journal of Electrical and Computer Engineering	Mr.S.B.Jadhav	<a href="http://doi.org/10.11591/ijece.v9i5.pp4077-4091">http://doi.org/10.11591/ijece.v9i5.pp4077-4091</a>
7	Responsiveness of HEIs to industrial revolution 4.0	International journal of advance and innovative research	Dr. J.K.Patil	<a href="https://iaraedu.com/pdf/ijair-volume-6-issue-1-ix-january-march-2019.pdf">https://iaraedu.com/pdf/ijair-volume-6-issue-1-ix-january-march-2019.pdf</a>
8	Designing a Data Structure Utility List and High Utility Sequential Pattern for One phase in Data Mining	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Mr. R.P. Mirajkar	<a href="https://ijsrcseit.com/CS/EIT1835277">https://ijsrcseit.com/CS/EIT1835277</a>
9	Auto Determination of K in KMEANS with MAP-REDUCE for Numerical and Text Datasets	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Mr. R.P. Mirajkar	<a href="https://ijsrcseit.com/CS/EIT1183627">https://ijsrcseit.com/CS/EIT1183627</a>
10	Parametric Optimization of Minimum Quantity Lubrication in Turning of AISI 4340 using Nano Fluids	Journal of Materials Today Proceeding	Mr.P.B.Patole	<a href="https://www.sciencedirect.com/science/article/pii/S2214785318304243">https://www.sciencedirect.com/science/article/pii/S2214785318304243</a>
11	Optimization of Process Parameters based on	Journal of Materials Today Proceeding	Mr.P.B.Patole	<a href="https://www.sciencedirect.com/science/article/">https://www.sciencedirect.com/science/article/</a>

	Surface Roughness and Cutting Force in MQL Turning of AISI 4340 using Nano Fluid			<a href="https://doi.org/10.17977/journal-irjet/V6i2-12356">pii/S2214785317322988</a>
12	A Real Time Solution to Flood Monitoring System using IoT and WSN	International Research Journal of Engineering and Technology (IRJET)	Ms. S. M. Mulla	<a href="https://www.irjet.net/archives/V6/i2/IRJET-V6I2356.pdf">https://www.irjet.net/archives/V6/i2/IRJET-V6I2356.pdf</a>
13	Effect of zone factor on seismic parameters of RC building	International Journal for research and development in technology	Mr.V.S.Kadam	<a href="https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING">https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING</a>
14	NOS-Network for Organ Sharing	International Research Journal of Engineering and Technology (IRJET)	Mr. S. B. Patil	<a href="https://www.irjet.net/archives/V6/i4/IRJET-V6I417.pdf">https://www.irjet.net/archives/V6/i4/IRJET-V6I417.pdf</a>
15	Detection and Classification Epileptic Seizure	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Mr.S.S.Pawar	<a href="https://www.ijraset.com/files/serve.php?FID=20067">https://www.ijraset.com/files/serve.php?FID=20067</a>
16	Diagnosis and Analysis of Epileptic Seizure Neurological Disorder Using Electroencephalography	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP)	Mr.S.S.Pawar	<a href="https://www.iosrjournal.org/iosr-jvlsi/papers/vol9-issue1/D0901012327.pdf">https://www.iosrjournal.org/iosr-jvlsi/papers/vol9-issue1/D0901012327.pdf</a>
17	A Literature Review on Various Types of Materials used for Full/U-Shaped Beam Jacketing Subjected to Pure Torsion	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Mr.V.V.Mane	<a href="https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion">https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion</a>
18	Comparative Study of LBP, LLBP and DCLBP Methods for Palm Vein Recognition	International Journal of Research and Analytical Reviews (IJRAR)	Dr.J.K.Patil	<a href="https://www.researchgate.net/publication/362520172_Comparative_Study_of_LBP_LLBP_and_DCLBP_Methods_for_Palm_Vein_Recognition">https://www.researchgate.net/publication/362520172_Comparative_Study_of_LBP_LLBP_and_DCLBP_Methods_for_Palm_Vein_Recognition</a>

19	Recent advances in palm vein recognition using minutiae based and texture based feature extraction methods	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Dr.J.K.Patil	<a href="https://www.researchgate.net/publication/335380081_Recent_Advances_in_Palm_Vein_Recognition_using_Minutiae-Based_and_Texture-based_Feature_Extraction_Methods">https://www.researchgate.net/publication/335380081_Recent_Advances_in_Palm_Vein_Recognition_using_Minutiae-Based_and_Texture-based_Feature_Extraction_Methods</a>
20	Study and analysis of bitumen mixture incorporating with waste foundry sand	International Journal for research in applied science and engineering technology	Mr.N.M.Soundat tika	<a href="https://www.ijraset.com/fileserve.php?FID=24242">https://www.ijraset.com/fileserve.php?FID=24242</a>
21	A review on conceptual model of in basin plant to increase self purification of river	International Journal for research in applied science and engineering technology	Mr.N.M.Soundat tika	<a href="https://www.ijraset.com/fileserve.php?FID=24257">https://www.ijraset.com/fileserve.php?FID=24257</a>
22	A Literature Review on Various Types of Materials used for Full/U-Shaped Beam Jacketing Subjected to Pure Torsion	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Mr.V.S.Tiware	<a href="https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion">https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion</a>
23	Effect of zone factor on seismic parameters of RC building	International Journal for research and development in technology	Mr.S.S.Kotwal	<a href="https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING">https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING</a>
24	Palm Vein Recognition Based on Local Binary Pattern and Uniform Local Binary Pattern	International Journal of Engineering Development and Research	Dr.J.K.Patil	<a href="https://www.researchgate.net/publication/362520142_Palm_Vein_Recognition_Based_on_Local_Binary_Pattern_and_Uniform_Local_Binary_Pattern">https://www.researchgate.net/publication/362520142_Palm_Vein_Recognition_Based_on_Local_Binary_Pattern_and_Uniform_Local_Binary_Pattern</a>
25	Effect of turning process parameter on surface roughness using Inconel as a material	International journal of scientific engineering and research	Mr.P.B.Patole	<a href="https://www.ijser.in/archives/v7i4/IJSER18786.pdf">https://www.ijser.in/archives/v7i4/IJSER18786.pdf</a>

26	Dynamic Analysis of Bumper Beam	International Research Journal of Engineering and Technology (IRJET)	Mr. G J Pol	<a href="https://www.irjet.net/archives/V6/i4/IRJET-V6I4900.pdf">https://www.irjet.net/archives/V6/i4/IRJET-V6I4900.pdf</a>
27	A Study of Physico-Chemical Characteristics of Jayanti Nalla Water along with it's Tributaries with Special Emphasis on Quality of Panchganga River	International journal for research in applied science and engineering technology	Mr.N.A.Mohite	<a href="https://www.ijraset.com/fileserve.php?FID=26474">https://www.ijraset.com/fileserve.php?FID=26474</a>
28	Structural Analysis of Steel Transmission Tower for different Risk Coefficients-A Case Study	International journal for research in applied science and engineering technology	Mr.N.A.Mohite	<a href="https://www.ijraset.com/fileserve.php?FID=26475">https://www.ijraset.com/fileserve.php?FID=26475</a>
29	Study and analysis of bitumen mixture incorporating with waste foundry sand	International Journal for research in applied science and engineering technology	Mr.V.S.Tiware	<a href="https://www.ijraset.com/fileserve.php?FID=24242">https://www.ijraset.com/fileserve.php?FID=24242</a>
30	A review on conceptual model of in basin plant to increase self purification of river	International Journal for research in applied science and engineering technology	Mr.V.S.Tiware	<a href="https://www.ijraset.com/fileserve.php?FID=24257">https://www.ijraset.com/fileserve.php?FID=24257</a>
31	A Literature Review on Various Types of Materials used for Full/U-Shaped Beam Jacketing Subjected to Pure Torsion	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Mr.A.M.Jadhav	<a href="https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion">https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion</a>
32	Effect of zone factor on seismic parameters of RC building	International Journal for research and development in technology	More M M	<a href="https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING">https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING</a>
33	A Study of Physico-Chemical Characteristics of Jayanti Nalla Water	International journal for research in applied science and engineering technology	Mr.V.B.Patil	<a href="https://www.ijraset.com/fileserve.php?FID=26474">https://www.ijraset.com/fileserve.php?FID=26474</a>

	along with it's Tributaries with Special Emphasis on Quality of Panchganga River			
34	Structural Analysis of Steel Transmission Tower for different Risk Coefficients-A Case Study	International journal for research in applied science and engineering technology	Mr.V.B.Patil	<a href="https://www.ijraset.com/fileserve.php?FID=24632">https://www.ijraset.com/fileserve.php?FID=24632</a>
35	System for work hour measurement of tractor	Iconic research and engineering journals	Mrs.A.H.Tirmare	<a href="https://www.irejournals.com/formatedpaper/1700857.pdf">https://www.irejournals.com/formatedpaper/1700857.pdf</a>
36	Study and analysis of bitumen mixture incorporating with waste foundry sand	International Journal for research in applied science and engineering technology	Mr.V.V. Mane	<a href="https://www.ijraset.com/fileserve.php?FID=24242">https://www.ijraset.com/fileserve.php?FID=24242</a>
37	A review on conceptual model of in basin plant to increase self purification of river	International Journal for research in applied science and engineering technology	Mr.V.V. Mane	<a href="https://www.ijraset.com/fileserve.php?FID=24257">https://www.ijraset.com/fileserve.php?FID=24257</a>
38	Effect of zone factor on seismic parameters of RC building	International Journal for research and development in technology	Mr.V.V.Mane	<a href="https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING">https://www.researchgate.net/publication/362521197_EFFECT_OF_ZONE_FACTOR_ON_SEISMIC_PARAMETERS_OF_RC_BUILDING</a>
39	A Literature Review on Various Types of Materials used for Full/U-Shaped Beam Jacketing Subjected to Pure Torsion	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Mr.N.M.Soundat tika	<a href="https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion">https://www.researchgate.net/publication/336575810_A_Literature_Review_on_Various_Types_of_Materials_used_for_FullU-Shaped_Beam_Jacketing_Subjected_to_Pure_Torsion</a>
40	System for work hour measurement of tractor	Iconic research and engineering journals	Mr.V.D.Patil	<a href="https://www.irejournals.com/formatedpaper/1700857.pdf">https://www.irejournals.com/formatedpaper/1700857.pdf</a>
41	Responsiveness of HEIs to industrial revolution 4.0	International journal of advance and innovative research	Mr.Veeresh P.M.	<a href="https://iaraedu.com/pdf/ijair-volume-6-issue-1-ix-january-march-2019.pdf">https://iaraedu.com/pdf/ijair-volume-6-issue-1-ix-january-march-2019.pdf</a>

42	Study of Steam Operated Jaggery Making System	International Journal for Scientific Research & Development	Mr. P. D. Rajigare	<a href="https://www.ijserd.com/articles/IJSRDV6I30768.pdf">https://www.ijserd.com/articles/IJSRDV6I30768.pdf</a>
43	System for work hour measurement of tractor	Iconic research and engineering journals	Ms.P.S.Mali	<a href="https://www.irejournals.com/formatedpaper/1700857.pdf">https://www.irejournals.com/formatedpaper/1700857.pdf</a>