



**Department of Civil Engineering**

**Paper Publication by the faculty of AY 2022-23**

Sr. No.	Name of Authors	Name of Journal	Title of Paper	Publication Month & Year	Vol. Issue Pages	ISBN/ ISSN
1.	Pooja Vetal, V. R. Rathi	International journal of management, Technology and engineering	Wind Analysis On Cable Stayed Bridge By Midas Civil	22-Jun	volume 12 Issue 6	ISSN NO : 2249-7455
2.	Prashant Gujar, V R Rathi	International journal of management, Technology and Engineering	Effect Of Nano Tio2 On Mechanical Properties Of Concrete	22-Jun	volume 12 Issue 6	ISSN NO :2249-7455
3.	V. R. Rathi, Mr. Gaurav Gavali	International journal of advance science research and engineering trends	Design And Analysis Of Tapered Web Peb Structure For Different Earthquake Zones	22-Jun	volume 7 Issue 5	ISSN NO : 2456-0774
4.	Miss. M. B. Nawale, V. R. Rathi, P. K. Kolse	International journal of scientific development and research (IJS DR)	Experimental Investigation On Basalt Fiber-Reinforced Concrete	22-Jun	volume 7 Issue 6	ISSN NO : 2455-2631
5.	Siddhant Shirsath, V. R. Rathi	International Journal for Research in Applied Science & Engineering Technology	Analysis And Design Of Steel Concrete Composite Structure And Its Comparison With Rcc Structure	22-Jun	Volume 10, Issue VI,	2321-9653
6.	Nakul V. Kharde, V. R. Rathi	International Journal for Research in Applied Science &	Response Spectrum Analysis Of Suspension Cable Bridge	22-Jun	Volume 10, Issue VI,	2321-9653



		Engineering Technology	And Tied Arch Bridge			
7.	Rohit Gunjal, V. R. Rathi	International journal of management Technology and Engineering	Comparative Study Of Mass Regural And Irregular Building	22-Jun	Volume 12, Issue VI	2249-7455
8.	Sahil S. Mansuri, V. R. Rathi	International journal of management Technology and Engineering	Effect Of Confined Reinforcement On Development Of High Yield Strength Deformed (Hysd) Bars	22-Jun	Volume 12, Issue VI	2249-7456
9.	Mr. Yogesh Londhe, Mr. Rushikesh Mode, Mr. K. N. Zamare, Mr Laxman K Lahamge	International Journal of Innovations in Engineering Research And Technology	Use Of Plastic Waste For Floor Tiles	22-Jun	Vol-09, Issue-01	2349-6002
10.	Ghule Sudarshan, Tagad Santosh, Alte Kiran, Bhabad Abhishek, Mr. K. N. Zamare, Mr Laxman K Lahamge	International Journal for Research in Applied Science & Engineering Technology	Experimental Investigation On Strength Of Concrete By Agave Sisalana (Sisal Fibers)	22-Jun	Volume 10, Issue VI,	2321-9653
11.	Swapnil Janjale, Abhishek Warale, Onkar Deshmukh, Onkar Adhav, Chaitanya Bhujadi, Ms. Gayatri Darandale	International journal for research in applied science and engineering technology	Use Of Polymer In Bridge Rehabilitation	2022 June	Vol-10, Issue-6	2321-9653
12.	Mr. Vijay Balasaheb Kale, Pramod K. Kolase	International Journal of Management Technology	Comparative Study Of Reinforced Concrete	22-Jun	Vol-12, Issue-06 ,Pg. No. 08-21	2249-7455



		and Engineering	Oblique Columns Y Shaped Columns And Vertical Columns For High Rise Structure By Using Etabs			
13.	Doke S D, Mr.V.D. Gholap	High Technology Letters	Occurance Of Red Bole Along Chikhaldhara Hillstation	22-Jun	Vol-28, Issue 7	1006-6748
14.	Shubham Dhobale, V.R Rathi, Pramod Kolase	The international journal of analytical and experimental modal analysis	Study Of Structural Audit Of R.C.C. Structure	22-Jun	Volume XIV, Issue VI,	ISSN NO. 0886-9367
15.	Sumit Karhad, Sumit Kakade, N. A. Kapse	International Research Journal of Modernization in Engineering Technology and Science	Improvement Of Black Cotton Soil By Using Bitumen Emulsion	22-Jun	Volume:04/Issue:06 /	e-ISSN: 2582-5208
16.	Doke S D, Ravindra P Amale	GIS SCIENCE Journal	Feasibility Of Basalt Flows For Tunneling	22-Nov	Vol-9, Issue 11	1869-9391
17.	Avinash Nighute, V. R. Rathi	International journal for research in applied science and engineering technology (IJRASET)	Study Of Rcc Silo Structure For Different Height/Dia. Ratio	22-Jul	volume 10 Issue 7	ISSN NO : 2321-9653
18.	G R Darandale, Dr. M V Jadhav, Dr. A R Warade, Vikas S. Hakke	Materials Today Proceedings (Elsevier)	Hydrodynamic cavitation a novel approach in wastewater treatment: A review	Dec 2022	Materials Today Proceeding 77 (2023) 960-968	2214-7853



19.	Mr.L.K.Lahamge ,Ms.Shubhada Galande,Ms.Chavan Pooja, Mr.K.N.Zamare	International Research Journal of Modernization in Engineering Technology and Science	Ground Improvement by stone column method	July 2022	Volume 4 ,Issue 07	e- ISSN:2582- 5208
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### Paper Publication by the faculty of AY 2021-22

Sr. No.	Name of Authors	Name of Journal	Title of Paper	Publication Month & Year	Vol. Issue Pages	ISBN/ISSN
1.	Hrushikesh A Londhe, Rushabh K Mugdiya, Laxman K Lahamge	International Journal Of Advance Research And Innovative Ideas In Education	Design And Construction Of Hollow Footpaths By Plastic Waste	Feb-22	Vol-8, Issue-1 Page No 227-236	2395-4396
2.	Shriram N Bengal, Leeladhar Pammar, Chittaranjan B Nayak	Elesvier	Engineering Application Of Organic Materials With Concrete: A Review	Feb-22	online	2214-753
3.	Anshul Nikhade, Leeladhar Pammar	Elesvier	Parametric Study Of Concrete By Using Scba, Metakaolin, Rice Husk Ash In Concrete – A Review	07-Jan-22	online	2319-354
4.	Ms. P. S. Kadam, V. R. Rathi, P.K.Kolase	International Journal Of Advance Research In Science And Engineering	Experimental Study Of Strength And Electrochemical Corrosion Of Concrete Incorporating Colloids Nano Silica	May-22	Vol-11, Issue-05 Page No 1771-1776	2319-8354
5.	Kadlag Sachin, Gunjal Aniket, Vikhe Gauri, Cholke Sonali, Ms. G. R. Darandale	International Journal Of Modernization In Engineering Technology And Science	Application Of U-Boot Technology	22-May	Vol-08, Issue-07	2582-5208



6	Vivek Bhaskar Ghorpade, Nikhil Vijay Shelke, Shadab Aslam Patel, Sufiyan Fiyaj Shaikh, Vikas Baburao Ghoderao, Ms. G. R. Darandale	International Journal Of Innovations In Engineering Research And Technology	Rotating Speed Braker Surface Aerator Sewage System	Jul-21	Vol-05, Issue-06	2394-3696
7.	Mrs. Y. H. Pokale, V R Rathi	International Journal Of Advanced Technology In Engineering And Science	Prevention And Repair Of Cracks In Concrete Structure By Using Epoxy Resin	May-22	volume 10, Issue. 5	ISSN NO : 2348 - 7550
8.	Idris R. Pathan, V R Rathi	Journal Of Emerging Technologies And Innovative Research (Jetir)	Experimental Study On Torsional Behavior Of Rc Beams Strengthened With Frp	Feb-22	volume 9 Issue 2	ISSN NO : 2349-5162
9.	Vanve Pragati B, V. R. Rathi	International Journal Of Innovative Research And Development (Ijiird)	Prevention Of Corrosion By Using Epoxy Resin	Jan-22	volume 6 Issue 2	ISSN NO : 2456-236x
10.	Anjali Bramhane, Vishal Lagad, Shubhangi Dhushing, Yogesh Wakchure, Prof. V. D. Gholap	International Research Journal Of Modernization In Engineering Technology And Science	Utilization Of Bagasse And Polypropylene Fiber For Manufacturing Of Cement Brick	May-22	Volume:04/Issue:05/May-2022	e- ISSN: 2582-5208
11.	Varad Joshi, Tukaram Pawar, Agale Dnyaneshwar,	International Research Journal Of Modernization	Pavement Failure And Their Maintaiance	May-22	Volume:04/Issue:05/May-2022	e- ISSN: 2582-5208



	Sul Dnyaneshwar, V. D. Gholap	In Engineering Technology And Science	Technique			
12.	Rokade Shivani, Rokade Mayuri, Kulkarni Sayali, Kapase Nilesh	Journal Of Interdisciplinary Cycle Research	An Experimental Study On Wood Wool Acoustic Tiles	Aug-21	Volume XIII, Issue VIII, August/2021	ISSN NO: 0022- 1945
13.	Miss. Kalyani Radheshyam Patil, V. R. Rathi, P. K. kolase	International Journal of Engineering And Technology	Comparative Study Of Irregular Shape Building	May-22	Vol-9, Issue-05 Page No 170-179	2396- 0072
14.	Bankar Vaishnavi, Khokale kanchan, Nalawade vaishnavi, Vasave Leena, Mr. L. K. Lahamge , Mr. K. N. Zamare	International Journal of Modernization In Engineering Technology And Science	Design And Fabrication Of Zero Energy Building	1-May	Vol-04, Issue-06	e- ISSN: 2582- 5208



## Paper Publication by the faculty of AY 2020-21

Sr. No.	Name of Authors	Name of Journal	Title of Paper	Publication Month & Year	Vol. Issue Pages	ISBN/ISSN
1	Aishwarya Kharde, V. R. Rathi, Pramod Kolase	International Journal of Analytical and Experimental Model analysis	Influence of magnetized water on fiber reinforced concrete	Sep-20	Volume XII, Issue IX, Pg 1445-1457	0886-9367
2	Kalyani Gawade, V. R. Rathi, Pramod Kolase	International Journal of Analytical and Experimental Model analysis	Effect of partially replaced coal bottom ash on properties of Concrete	Sep-20	Volume XII, Issue IX, Pg 1483-1498	0886-9367
3	Sandip B Dhepale, V. R. Rathi	International research journal of Engineering and technology	Comparitive study of with and without shear wall for drift and dispalcement	Aug-20	Vol.07, Issue 08, pg694-697	2395-0056
4	Dr. Shashikanth R. Mise, Nagesha G, Rajani Saranadgoudar, Mr. Rajendra K. Lamkhade	International research journal of Engineering and technology	Characteristics of Food Processing (MAIZE) Industrial Wastewater	Aug-20	Vol.07, Issue 08, pg2896-2898	e-ISSN: 2395-0056
5	Rahul Desale, Mr. Laxman K. Lahamge	Journal of Interdisciplinary Cycle Research	Smart and Safe Highways	Jul-20	Vol XII Issue VII pg 96-100	0022-1945
6	Sangale Gayatri V. Pramod Kolase, Chaudhari Saurabh	Journal of Interdisciplinary Cycle Research	Investigation of utilization of waste plastic bottle in construction	Jul-20	Volume XII, Issue VII, 376-387	0022-1945
7	Shubham Pandit V.R. Rathi, Pramod Kolase	International journal of analytical and experimental modal analysis	Geometric nonlinear analysis of special shaped columns	20-Sep	Volume XII, Issue IX,	0886-9367
8	Bajrang Dhage, V. R. Rathi, Pramod Kolase	the international journal of analytical and	Experimental study on partial replacement of	20-Sep	Volume XII, Issue IX,	0886-9367





		experimental modal analysis	cement by banana leaves ash			
9	Bramhane Rahul, V. R Rathi, Pramod Kolase	the international journal of analytical and experimental modal analysis	Experimental study on corrosion of reinforcement by using corrosion inhibitor	20-Sep	Volume XII, Issue IX,	0886-9367
10	Sonawane Aishwarya, Kadam Pradnya, Shaikh Sajiya, Pokale Yogita, Kapase Nilesh	International Journal of Creative Research Thoughts	Experimental Study Of Compressive Strength Of CFST Using Ann	Jul-20	Volume 8, Issue 7	ISSN: 2320-2882
11	Shirsath Prasad, Pramod Kolse, Shejul Aboli A., Kadu Shreyash D., Dhavane Shubhangi B.	Journal of Interdisciplinary Cycle Research	Plastic Ash	July-2020	Volume XII, Issue VII,	ISSN NO: 0022-1945
12	Patil Swapnil D., Pramod Kolse, Gunjal Shubham B., Rahane Pratik B., Hole Akshay R.	Journal of Interdisciplinary Cycle Research	An Experimental Study on waste Thermocol and Benzene as an Admixture in Concrete	July-2020	Volume XII, Issue VII,	ISSN NO: 0022-1945
13	Varsha Chindhe, Mayuri Musmade, Vaishali Jate, Mayur Shinde, Ravindra Amale, Pramod Kolse	Journal of Interdisciplinary Cycle Research	Influence of Magnetized Water on Various Properties of Concrete	July-2020	Volume XII, Issue VII,	ISSN NO: 0022-1945



### Paper Publication by the faculty of AY 2019-20

Sr. No.	Name of Authors	Name of Journal	Title of Paper	Publication Month & Year	Vol. Issue Pages	ISBN/ISSN
1	S. D. Doke	Journal of Emerging Technologies and Innovative Research	Lateral Extent Of Basalt Flows In Deccan Trap Region	Jun-19	Volume 6	ISSN-2349-5162
2	Gaurav P. Lipte, V. R. Rathi, P. K. Kolse	International journal of research and analytical reviews	Experimental Study Of The Filler Slab As An Alternative Construction Technology	Jun-19	Volume 6, Issue 2	2348-1269
3	R. A. Sayyad, V. R. Rathi, P. K. Kolase	International Research Journal of Engineering and Technology (IRJET)	Bending Analysis Of Functionally Graded Beam Curved In elevation Using Higher Order Theory	Aug-19	Volume 06 Issue: 08	e-ISSN: 2395-0056
4	Saiprasad R Mandhare, V. R. Rathi, P. K. Kolse	Journal of Analysis and Computation (JAC)	Comparative Analysis Between Reinforced Cement Concrete, Steel Structure And Light Weight Hot Rolled Steel Structure By Using E-Tabs.	Aug-19	Volume 06 Issue: 08	ISSN 0973-2861
5	P. A. Randhavane V.R. Rathi, Dr. P. K. Kolse	International Journal of Civil and Structural Engineering Research	Experimental Study Of Corbel By Strengthening With Cfrp	Sep-19	Vol. 7, Issue 1,	ISSN 2348-7607 (Online)
6	T. R. Somvanshi, P. K. Kolase, V.R. Rathi	International Journal of Engineering Development and Research	Comparative Analysis And Design Of Diagrid Structure And Orthogonal Structure	2019	Volume 7, Issue 3	ISSN: 2321-9939



7	D. S. Bagul, V. R. Rathi, P. K. Kolase	Journal of Emerging Technologies and Innovative Research	Dynamic Analysis Using Outrigger And Belt Truss System	Jun-19	Volume 6, Issue 6	ISSN-2349-5162
8	Prashant V. Patil, V.R. Rathi, P.K. Kolase	International Research Journal of Engineering and Technology (IRJET)	Combined Effects Of Fly Ash And Ferro Sand On Properties Of Concrete Designed By Taguchi Method	Jul-19	Volume: 06 Issue: 07	e-ISSN: 2395-0056
9	Prashant V. Patil, V.R. Rathi, P.K. Kolase	Journal of Emerging Technologies and Innovative Research	Experimental Study On Mechanical Properties Of Concrete Containing Class F Fly Ash And Ferro Fine Aggregate By Using Taguchi Method	June 2019,	Volume 6, Issue 6	ISSN-2349-5162
10	Dipak B. Wagh, V.R. Rathi, P.K. Kolase	Journal of Emerging Technologies and Innovative Research	Experimental Study On Mechanical Properties Of Concrete By Replacement Of Cement With Scba And Nano Silica	June 2019,	Volume 6, Issue 6	ISSN-2349-5162
11	Mr. S. S. Dhumal, V R Rathi, P K Kolase	Journal of Emerging Technologies and Innovative Research	Seismic Performance Of Steel Moment Resisting Frames (Smrf) With Torsional Irregularities	Jun-19	Volume 6, Issue 6	ISSN-2349-5162
12	Reshmi R Raut, V. R. Rathi, P. K. Kolase	Journal of Emerging Technologies and Innovative Research	Experimental Studies On Self Compacting Concrete Using Basalt Fiber And Carbon Fiber	Jun-19	Volume 6, Issue 6	ISSN-2349-5162
13	Shankar G. Chitalkar, V.R. Rathi, P. K. Kolase	Journal of Emerging Technologies and Innovative Research	Bi-Axial Load Capability Of Cfst Columns With And Without Shear Connectors Under Cyclic Loading	Jun-19	Volume 6, Issue 7	ISSN-2349-5162