

**Research
Faculty Publication**

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year	Calendar Year of publication	ISSN number
Academic Year (2018-19)							
1	Review on flexural behavior of reinforcement concrete beam using foundry sand	Prof. KOSHTI R. D.	Civil Engg.	IJETSR	2018	Mar-18	2394-3386
2	Analysis of Water for its Deuterium Content and its Effect on Potability	Lt. Col. Sanjay M. Karodpati	Civil Engg.	IJETSR	2018	Mar-18	2394 – 3386
3	To Study the Feasibility of Fixing Aerator in Housing Society for Water Conservation	Lt Col Sanjay Karodpati	Civil Engg.	IJETSR	2018	Mar-18	2394 – 3386
4	Impacts and Effects of RERA on Construction Industry	Prof. Sanjay Karodpati	Civil Engg.	IJETSR	2018	Mar-18	2394 – 3386
5	STUDY AND TREATMENT OF DISCARDED WATER BY R.O. FILTER	Prof. Rajesh C. Katdare	Civil Engg.	IJETSR	2018	Mar-18	2394-3386
6	Environmental Aspects of a Smart Village & Case study on Smart village:	Prof.: R. C. Katdare.	Civil Engg.	IJETSR	2018	Mar-18	2394 – 3386
7	Review of Researches on Durability of Concrete using Fibres	Jitendra D. Dalvi	Civil Engg.	IJETSR	2018	Mar-18	2394 – 3386

8	Torsional and Flexural Strength on Sisal Fiber Reinforced Concrete Beam – A Recent Review	Prof. Jitendra D Dalvi	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
9	EXPERIMENTAL STUDY OF BENDABLE CONCRETE BY USING ADMIXTURE AND FIBER	Sameer Chambulwar	Civil Engg.	IJSRSET	2018	Mar-18	2394-4099
10	Fully and Partial Replacement of River Sand by Crushed Stone Sand for External Plaster Work	Prof. Uday A Kakde	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
11	Gust Analysis of Tall Building by IS 875(Part3)-1987 and by E- Tabs software.	Prof. Amruta G. Whatte	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
12	Application of Line of Balance Scheduling Technique (LOBST) for a Low Income Group Housing Projects in Pune	Prof. Sheetal Marawar	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
13	ANALYSIS AND DESIGN OF GLASS FIBER PLATES FOR WEIR GATES	Prof.Gaurav Vispute	Civil Engg.	IJCRT	2018	2018	2320-2882
14	Review on flexural behavior of reinforcement concrete beam using foundry sand	Prof. KOSHTI R. D.	Civil Engg.	IJETS	2018	Mar-18	2394-3386
15	Analysis of Water for its Deuterium Content and its Effect on Potability	Lt. Col. Sanjay M. Karodpati	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
16	To Study the Feasibility of Fixing Aerator in Housing Society for Water Conservation	Lt Col Sanjay Karodpati	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386

17	Impacts and Effects of RERA on Construction Industry	Prof. Sanjay Karodpati	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
18	STUDY AND TREATMENT OF DISCARDED WATER BY R.O. FILTER	Prof. Rajesh C. Katdare	Civil Engg.	IJETS	2018	Mar-18	2394-3386
19	Environmental Aspects of a Smart Village & Case study on Smart village:	Prof.: R. C. Katdare.	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
20	Review of Researches on Durability of Concrete using Fibres	Jitendra D. Dalvi	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
21	Torsional and Flexural Strength on Sisal Fiber Reinforced Concrete Beam – A Recent Review	Prof. Jitendra D Dalvi	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
22	EXPERIMENTAL STUDY OF BENDABLE CONCRETE BY USING ADMIXTURE AND FIBER	Sameer Chambulwar	Civil Engg.	IJSRSET	2018	Mar-18	2394-4099
23	Fully and Partial Replacement of River Sand by Crushed Stone Sand for External Plaster Work	Prof. Uday A Kakde	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
24	Gust Analysis of Tall Building by IS 875(Part3)-1987 and by E- Tabs software.	Prof. Amruta G. Whatte	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
25	Application of Line of Balance Scheduling Technique (LOBST) for a Low Income Group Housing Projects in Pune	Prof. Sheetal Marawar	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386

26	ANALYSIS AND DESIGN OF GLASS FIBER PLATES FOR WEIR GATES	Prof.Gaurav Vispute	Civil Engg.	IJCRT	2018	2018	2320-2882
27	Review on flexural behavior of reinforcement concrete beam using foundry sand	Prof. KOSHTI R. D.	Civil Engg.	IJETSRS	2018	Mar-18	2394-3386
28	Analysis of Water for its Deuterium Content and its Effect on Potability	Lt. Col. Sanjay M. Karodpati	Civil Engg.	IJETSRS	2018	Mar-18	2394 – 3386
29	To Study the Feasibility of Fixing Aerator in Housing Societyfor Water Conservation	Lt Col Sanjay Karodpati	Civil Engg.	IJETSRS	2018	Mar-18	2394 – 3386
30	Impacts and Effects of RERA on Construction Industry	Prof. Sanjay Karodpati	Civil Engg.	IJETSRS	2018	Mar-18	2394 – 3386
31	STUDY AND TREATMENT OF DISCARDED WATER BY R.O. FILTER	Prof. Rajesh C. Katdare	Civil Engg.	IJETSRS	2018	Mar-18	2394-3386
32	Environmental Aspects of a Smart Village & Case study onSmart village:	Prof.: R. C. Katdare.	Civil Engg.	IJETSRS	2018	Mar-18	2394 – 3386
33	Review of Researches on Durability of Concrete using Fibres	Jitendra D. Dalvi	Civil Engg.	IJETSRS	2018	Mar-18	2394 – 3386
34	Torsional and Flexural Strength on Sisal Fiber ReinforcedConcrete Beam – A Recent Review	Prof. Jitendra D Dalvi	Civil Engg.	IJETSRS	2018	Mar-18	2394 – 3386
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36	Fully and Partial Replacement of River Sand by Crushed Stone Sand for External Plaster Work	Prof. Uday A Kakde	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
37	Gust Analysis of Tall Building by IS 875(Part3)-1987 and by E- Tabs software.	Prof. Amruta G. Whatte	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
38	Application of Line of Balance Scheduling Technique (LOBST) for a Low Income Group Housing Projects in Pune	Prof. Sheetal Marawar	Civil Engg.	IJETS	2018	Mar-18	2394 – 3386
39	ANALYSIS AND DESIGN OF GLASS FIBER PLATES FOR WEIR GATES	Prof.Gaurav Vispute	Civil Engg.	IJCRT	2018	2018	2320-2882
40	study of regular and irregular RCC frame structure with bracing and shear wall	Sameer Chambulwar	Civil Engg.	JETIR	2019	Jun-19	2349-5162
41	Study of Interior Beam Column Joint under Seismic Effect	Prof Aniket Vilas Nemade	Civil Engg.	IJSRD	2019	2019	2321-0613
42	An overview on Concrete by using Powder form of E-Waste as Partial Replacement for Cement Material	Prof Aniket Vilas Nemade	Civil Engg.	IJSRD	2019	2019	2321-0613
43	Self cleaning road with power generation & 3R(recycle reuse restore) of water	Mrs. Hindola Saha	Civil Engg.	IRJET	2019	Apr-19	2395-0056

Academic Year (2020-21)

44	Feasibility Of Manufacturing Concrete canvass in India	Lt Col Sanjay Karodpati	Civil Engg.	IRJET	2020	Jun-20	2395-0056
45	“Revit in Mechanical, Electrical, Plumbing (MEP) for Facility Management of College Hostel Building”.	Lt Col Sanjay Karodpati	Civil Engg.	IJPRSE	2020	May-20	2582-7898
46	Revit in Mechanical, Electrical, Plumbing (MEP) for Facility Management of College Hostel Building	Sanjay M. Karodpati	Civil Engg.	IJPRSE	2020	May-20	2582-7898
47	Seismic Vulnerability Index methods for R.C Structures	Prof Aniket Vilas Nemade	Civil Engg.	IJSRD	2020	2020	2321-0613
48	Rehabilitation of RC Column using Fiber Reinforced Polymer Wrapping	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2020	May-20	2395-0056
49	Rehabilitation of RC concrete after using Frp wrapping.	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2020	May-20	2395-0056
50	To Develop Economical and Easy Method for WasteWater Treatment	Prof. Aakanksha Ingale	Civil Engg.	MJRET	2020	2020	2348 - 6953
51	Incorporating Green Building Techniques To Existing Building Using Autocad	Prof. Aakanksha Ingale	Civil Engg.	IRJET	2020	May-20	2395-0056
52	Assessment of quality of water of Mutha river	Prof.Swapnil	Civil Engg.	IJTSRD	2020	Jun-20	2456 – 6470

	from Khadakwasla Dam to Sangam Bridge	Bijwe.					
53	Assessment for Water Quality of Mutha River using Correlation	Prof.Swapnil Bijwe.	Civil Engg.	IJTSRD	2020	Jun-20	2456 – 6470
54	Behavior of Reinforced Cement Concrete Multistory Building under Blast Loading’	Prof. Prasad Gayake	Civil Engg.	IRJET	2020	Mar-20	2395-0056
55	A Review Paper on Partial Replacement of Cement by Hypo sludge	Prof. Prasad Gayake	Civil Engg.	IRJET	2020	Apr-20	2395-0056
56	A Review Paper on Design and Analysis of Water Distribution System of ADYPU Campus	Prof. Prasad Gayake	Civil Engg.	IRJET	2020	May-20	2395-0056
57	Design and Analysis of Highway Bridge based on their material properties and its comparative study of life cycle and cost analysis	Prof. Prasad Gayake	Civil Engg.	IRJET	2020	Jun-20	2395-0056
Academic Year (2021-22)							
58	Making construction project efficient by using clash detection tool of BIM	Lt Col Sanjay Karodpati	Civil Engg.	IRJET	2021	Apr-21	2395-0056
59	Use of six sigma in construction industry to improve quality	Lt Col Sanjay Karodpati	Civil Engg.	IRJET	2021	Apr-21	2395-0056
60	Challenges and Solutions for Facility Management in Housing Societies	Sanjay Karodpati	Civil Engg.	IJRAMT	2021	Feb-21	2582-7839

61	Review paper on performance of aerobic STP and suggestions to improve using six sigma	Lt Col Sanjay Karodpati	Civil Engg.	IRJET	2022	Jan-22	2395-0056
62	Challenges and Solutions for Facility Management in Housing Societies	Sanjay Karodpati	Civil Engg.	IJRAMT	2021	Feb-21	2582-7839
63	Fluctuating Soil Stiffness In Piled Raft Foundation	Dr. Nagesh L. Shelke	Civil Engg.	IARJSET	2022	May-22	2393-8021
64	Analysis of Piled Raft Foundation - In Soil Structure Interaction	Dr. Nagesh L. Shelke	Civil Engg.	IARJSET	2022	May-22	2393-8021
65	"Comparitive Analysis between Various types of Bracing For steel Building in seismic zones".	Dr. Nagesh L. Shelke	Civil Engg.	IJRASET	2022	May-22	2321-9653
66	Influence of curing method on moisture loss of concrete with Supplementary cementious material early age	Dr. Nagesh L. Shelke	Civil Engg.	IJRAR	2022	May-22	2348-1269
67	Structural Behaviour of RCC beam column joint Using Pushover Analysis	Dr. Nagesh L. Shelke	Civil Engg.	OAIJSE	2022	May-22	2456-3293
68	STUDY ON DIFFERENT TYPES OF CURING METHODS ON COMPRESSIVE STRENGTH OF CONCRETE”	Dr. Nagesh L. Shelke	Civil Engg.	IJCRT	2022	Jun-22	2320-2882
69	"Comparitive Analysis between Various types of Bracing For steel Building in seismic zones".	Dr. Nagesh L. Shelke	Civil Engg.	IJRASET	2022	May-22	2321-9653

70	Influence of curing method on moisture loss of concrete with Supplementary cementitious material early age	Dr. Nagesh L. Shelke	Civil Engg.	IJCRT	2022	May-22	2320-2882
71	Use of Ethanol on Construction Site	Dr. Rajesh Katdare	Civil Engg.	IJIRT	2022	Jun-22	2349-6002
72	Study Of Use Of Green Fuel On Construction Site	Dr. Rajesh Katdare	Civil Engg.	IJIRT	2022	Apr-22	2349-6002
73	Development of handmade Geomesh from paddy straw for erosion Control and Air Pollution Abatement	Dr. Rajesh Katdare	Civil Engg.	IJEP	2022	Jun-22	2537141
74	Approximation of Evaporation using Support Vector Regression Mode	Dr. Pallavi V. Kharat	Civil Engg.	IJNIET	2021	Aug-21	2319-6319
75	Treatment Of Mula-mutha River Using Alum Infusion	Dr. Pallavi V. Kharat	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391
76	Structural Audit of RCC Structure	Dr. Pallavi V. Kharat	Civil Engg.	JETIR	2022	Apr-22	2349-5162
77	Application Of Data Science In Construction Industry	Dr. Pallavi V. Kharat	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391
78	Treatment Of Mula-mutha River Using Alum Infusion	Dr. Pallavi V. Kharat	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391

79	Porous Pavements Block For Rain Water Harvesting.	Dr. Pallavi V. Kharat	Civil Engg.	JETIR	2022	May-22	2349-5162
80	Impact Of Risks On Performance Of Construction Project.	Dr. Pallavi V. Kharat	Civil Engg.	JETIR	2022	Jun-22	2349-5162
81	Data Science In Construction Industry A Case Study On House Price Prediction.	Dr. Pallavi V. Kharat	Civil Engg.	Positif Journal	2022	2022	0048-4911
82	Risk Impact On Time And Cost Of Construction Project And Selection Of Risk Response Strategy.	Dr. Pallavi V. Kharat	Civil Engg.	DICKENSIAN JOURNAL	2022	2022	0012-2440
83	Assesment Of Risk Analysis In Construction Of Highway.	Dr. Pallavi V. Kharat	Civil Engg.	DICKENSIAN JOURNAL	2022	2022	0012-2440
84	Porous Pavements Block For Rain Water Harvesting	Dr. Pallavi Kharat	Civil Engg.	JETIR	2022	2022	2349-5162
85	Treatment Of Mula-mutha River Using Alum Infusion.	Dr. Pallavi Kharat	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391
86	REVIEW PAPER ON COMBINE EFFECT OF SILICA FUME AND METAKAOLIN WITH 1% SISAL FIBER ON CONCRETE	Mr. Jitendra D Dalvi	Civil Engg.	IRJET	2022	Jan-22	2395-0056
87	OPTIMIZATION OF LAYOUT AND PIPE SIZES FOR IRRIGATION PIPE DISTRIBUTION NETWORK USING STEINER POINT CONCEPT	Prof.Uzma Shaikh	Civil Engg.	Hindawi	2021	2021	Article ID 6657459

88	DESIGN OF WATER DISTRIBUTION NETWORK(WDN) USING OPEN SOURCE SOFTWARE	Prof.Uzma Shaikh	Civil Engg.	IRJET	2021	Apr-21	2395-0056
89	Leakage Detection of Water Distribution Network in Shallow Ground using Electrical Resistivity Principle	Prof.Uzma Shaikh	Civil Engg.	IJIRT	2022	Jan-22	2349-6002
90	DESIGN OF WATER DISTRIBUTION NETWORK(WDN) USING OPENSOURCE SOFTWARE	Prof.Uzma Shaikh	Civil Engg.	IRJET	2021	2021	2395-0056
91	SEDIMENTATION ANALYSIS OF DAM USING GIS TECHNIQUES	Prof.Uzma Shaikh	Civil Engg.	IRJET	2021	Apr-21	2395-0056
92	SEDIMENTATION ANALYSIS OF DAM USING GIS TECHNIQUE	Prof.Uzma Shaikh	Civil Engg.	IRJET	2021	2021-22	2395-0056
93	Leakage Detection of Water Distribution Network in Shallow Ground using Electrical Resistivity Principle	Prof.Uzma Shaikh	Civil Engg.	IJIRT	2022	Jan-2022	2349-6002
94	Structural Health Monitoring in Civil Engineering	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2021	Mar-21	2395-0056
95	Redevelopment of Slum with Special Emphasis on Low and Materials	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2021	May-21	2395-0056
96	Study of Green Industrial Building in Chakan	Prof Aniket	Civil Engg.	IRJET	2022	Jan-22	2395-0056

	MIDC	Vilas Nemade					
97	Design of Plumbing System using Revit Software	Prof Aniket Vilas Nemade	Civil Engg.	IJIRT	2022	Jan-22	2349-6002
98	Study of Dome Structures using Finite Element Based software ETABS for dynamic loading	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2022	Dec-22	2395-0056
99	Design of Plumbing System using Revit Software	Prof Aniket Vilas Nemade	Civil Engg.		2021	2021-22	
100	Study Of Green Industrial Building In Chakan MIDC	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2022	Jan-22	2395-0056
101	Redevelopment of slum with Special Emphasis on Low and Materials	Prof Aniket Vilas Nemade	Civil Engg.	IRJET	2021	May-21	2395-0056
102	Challenges and Solutions for Facility Management in Housing Societies	Uday Kakde	Civil Engg.	IJRAMT	2021	Feb-21	2582-7839
103	A Review Paper on Design of RCC ESR Using E-TABS and Comapiring with Conventional Method	Uday Kakde	Civil Engg.	IJIRT	2022	Feb-22	2349-6002
104	TRAFFIC CONGESTION IN MUNDHWA CHOWK PUNE : CAUSES AND SOLUTIONS	Uday Kakde	Civil Engg.	IJIRT	2022	Mar-22	2349-6002
105	Traffic Congestion in Mundhwa Chowk Pune : Causes and Solutions	Prof.Uday kakde	Civil Engg.	IJIRT	2022	Mar-22	2349-6002

106	A Review Paper On Design On RCC ESR Using ETABS And Comparing With Conventional Method	Prof.Uday kakde	Civil Engg.	IJIRT	2022	Feb-22	2349-6002
107	Stabilization of black cotton soil using waste material	Gayatri Sherkar	Civil Engg.	IRJET	2021	Mar-21	2395-0056
108	Review on effects of construction and demolished waste on strength parameters of black cotton soil	Gayatri Sherkar	Civil Engg.	JETIR	2022	Nov-22	2349-5162
109	Survey Of Town For Identifying Water Logging Problem Causes And Solutions	Prof.Koakte Sarika	Civil Engg.	IJARIE	2022	2022	2395-4396
110	Review Paper On Combine Effect Of Silica Fume And Metakaolin With 1% Sisal Fiber On Concrete	Prof.Jitendra Dalvi	Civil Engg.	IRJET	2022	Jan-22	2395-0056
111	Design of water supply system for Tasgaon Village	Ashwini Waghule	Civil Engg.	JETIR	2022	Apr-22	2349-5162
112	Experimental Investigation of Rubber Crumb as a Replacement of Aggregate	Ashwini Waghule	Civil Engg.	JETIR	2022	May-22	2349-5162
113	Automated Highway System	Ashwini Waghule	Civil Engg.	IJRSET	2022	May-22	2319-8753

114	A survey on Automated Highway System	Ashwini Waghule	Civil Engg.	IJRSET	2022	Feb-22	2319-8753
115	Moment rotation relationship for semi rigid connection	Prof. Vishwajeet Kadlag	Civil Engg.	JETIR	2022	May-22	2349-5162
116	“RAPID WALL TECHNOLOGY” (CONSTRUCTION USING GFRG WALL PANELS)	Prof. Vishwajeet Kadlag	Civil Engg.	IJASRET	2021	Jun-21	2456-0774
117	Design of geocell reinforced pavement overlays geopolymer concrete	Prof. Vishwajeet Kadlag	Civil Engg.	JETIR	2022	May-22	2349-5162
118	SEISMIC RETROFITTING IN STEEL FRAME STRUCTURES BY DIFFERENT CABLE ROPE BRACING SYSTEMS	Mr. Vishwajeet A. Kadlag	Civil Engg.	JETIR	2022	Jun-22	2349-5162
119	Analysis and Design of a Multistory Steel Structure with Semi-Rigid Connection	Mr. Vishwajeet A. Kadlag	Civil Engg.	IJSREM	2022	Jun-22	2582-3930
120	Comparative Analysis and Design Of Void Slab and Conventional slab	Mr. Vishwajeet A. Kadlag	Civil Engg.	IJRASET	2022	Jun-22	2321-9653
121	seismic analysis of rcc twisted building with swimming pool by using Etabs	Mr. Vishwajeet A. Kadlag	Civil Engg.	IJCRT	2022	Jun-22	2320-2882
122	static and dynamic analysis of multy story	Mr. Vishwajeet	Civil Engg.	IJRES	2022	2022	2320-9364

	building using etab	A. Kadlag					
123	Construction Monitoring and Control for infrastructure Project	Prof. Aakanksha Ingale	Civil Engg.	IRJET	2021	May-21	2395-0056
124	PLANNING AND DESIGNING OF ENERGY EFFICIENT PARKING SHED IN CAMPUS	Dr. Aakanksha Ingle	Civil Engg.	IJIRT	2022	Jan-22	2349-6002
125	Construction Monitoring and Control for Infrastructure Projects: A Review.	Prof. Aakanksha Ingale	Civil Engg.	IRJET	2021	May-21	2395-0056
126	Planning And Designing Of Energy Efficient Parking Shed In Campus	Prof. Aakanksha Ingale	Civil Engg.	IJIRT	2022	Jan-22	2349-6002
127	Application of Agile Project Management in the construction of Infrastructure Project	Prof. Aakanksha Ingale	Civil Engg.	Kalahari Journals	2022	May-22	0974-5823
128	Awarness of Agile Methodologies running in Civil Engineering Projects: Employee perspective	Prof. Aakanksha Ingale	Civil Engg.	AES	2021	Mar-21	2096-3246
129	Optimizing Power Output of Floating Solar Plant	Prof.Sarika Thombare	Civil Engg.	IRJET	2022	Dec-22	2395-0056

130	Porous Pavements Block For Rain Water Harvesting	Dr. Pallavi Kharat	Civil Engg.	jetir	2022	May-22	2349-5162
131	A REVIEW ON GROUND WATER FLUCTUATIONS BEFORE AND AFTER COVID-19 ERA USING SPATIAL DATA	Prof. Uzma Shaikh	Civil Engg.	IRJET	2022	Nov-22	2395-0056
132	A Review on Reduction of CO2 emissions from Construction sector for Green Construction	Prof.Gaurav Vispute	Civil Engg.	JETIR	2022	May-22	2349-5162
133	Design of Net Zero Energy Building	Prof.Swapnil Bijwe.	Civil Engg.	IRJET	2021	Mar-21	2395-0056
134	DESIGN OF SEWAGE TREATMENT PLANT (STP) FOR WAGHOLI CITY PUNE MAHARTASHTRA	Prof.Swapnil Bijwe.	Civil Engg.	IRJET	2021	Apr-21	2395-0056
135	A COMPARATIVE STUDY OF ENVIRONMENTAL ASSESSMENT OF VARIOUS METRO RAIL PROJECTS IN INDIA	Mr.Swapnil P Bijwe	Civil Engg.	IJARIE	2022	2022	2395-4396
136	A REVIEW PAPER ON STUDY OF EFFECT OF RICE HUSK ASH (RHA) ON MECHANICAL PROPERTY OF CONCRETE	Prasad R Gayake	Civil Engg.	IRJET	2021	Feb-21	2395-0056
137	Identify the Causes of Water Logging in KarveNagar Area and Suggesting Remedial Measures	Prasad Gayake	Civil Engg.	IJIRT	2022	Feb-22	2349-6002
138	Significance of QA/ QC for Hybrid Annuity	Mr. Ashish P.	Civil Engg.	YMER	2022	Jul-22	0044-0477

	Model (HAM) Road Project	Waghmare					
139	Application of Six Sigma Principles to reduce the Wastage of Material	Mr. Ashish P. Waghmare	Civil Engg.	Positif Journal	2022	2022	0048-4911
140	A comprehensive study on E-Commerce in the Construction Industry with the application of IT and Electronic Transaction	Mr. Ashish P. Waghmare	Civil Engg.	YMER	2022	Jun-22	0044-0477
141	The use of supply chain management to overcome low productivity issues in the Pandemic situation on Indian Construction Industry	Mr. Ashish P. Waghmare	Civil Engg.	DICKENSIAN JOURNAL	2022	2022	0012-2440
142	Method of Risk Register and factor affecting the risk in the project	Mr. Ashish P. Waghmare	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391
143	To Enhance the Productivity of Construction Using 3D Building Information Modeling and Reduces Clash Detection	Mr. Ashish P. Waghmare	Civil Engg.	IJASRET	2021	Dec-21	2456-0774
144	Automation in Construction Industry	Mr. Ashish P. Waghmare	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391
145	Cost Comparison Between Conventional Building & Preengineering Building	Mr. Ashish P. Waghmare	Civil Engg.	DICKENSIAN JOURNAL	2022	2022	0012-2440
146	To Enhance the Productivity of Construction Using 3D Building Information Modeling and	Mr. Ashish P. Waghmare	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391

	Reduces Clash Detection						
147	use of supply chain management for Indian Construction Industry in COVID 19	Mr. Ashish P. Waghmare	Civil Engg.	IJASRET	2021	Dec-21	2456-0774
148	Factors affecting the risk management system of the mumbai Metro Project	Mr. Ashish P. Waghmare	Civil Engg.	JETIR	2022	Mar-22	2349-5162
149	NATM Construction Methodolgy for Metro Projects in Urban Areas	Mr. Ashish P. Waghmare	Civil Engg.	Positif Journal	2022	2022	0048-4911
150	"Soil Stabilization By Using Alum Sludge." in IJRSET, Volume 11 , Issue 5. Impact factor 8.118	Mrs. Rashmi vishwakarma	Civil Engg.	IJRSET	2022	May-22	2319-8753
151	ACOMPREHENSIVE STUDY ON E-COMMERCE IN THE CONSTRUCTION INDUSTRY WITH THE APPLICATION OF IT AND ELECTRONIC TRANSACTIONS	Mr. Gaurav C. Vispute	Civil Engg.	YMER	2022	Jun-22	0044-0477
152	REDUCTION OF CO2 EMISSION FROM CONSTRUCTION SECTOR FOR GREEN CONSTRUCTION	Mr. Gaurav C. Vispute	Civil Engg.	JETIR	2022	May-22	2349-5162
153	TO ENHANCE THE PRODUCTIVITY OF CONSTRUCTION USING 3D BUILDING INFORMATION MODELING AND REDUCE CLASH DETECTION	Mr. Gaurav C. Vispute	Civil Engg.	IJASRET	2021	Dec-21	2456-0774

154	COST COMPARISON BETWEEN CONVENSTIONAL BUILDING AND PRE-ENGINEERING BUILDING	Mr. Gaurav C. Vispute	Civil Engg.	OAIJSE	2022	Feb-22	2456-3293
155	RISK IMPACT ON TIME AND COST OF CONSTRUCTION PROJECT AND SELECTION OF RISK RESPONSE STRATEGY	Mr. Gaurav C. Vispute	Civil Engg.	DICKENSIAN JOURNAL	2022	2022	0012-2440
156	REVIEW PAPER ON PRODUCTIVITY ANALYSIS OF CONSTRUCTION ACTIVITIES	Mr. Gaurav C. Vispute	Civil Engg.	GIS SCIENCE JOURNAL	2022	2022	1869-9391
157	EXPERIMENT ON CONCRTE CONATAINING ACTIVATED CARBON	Mr. Gaurav C. Vispute	Civil Engg.	JETIR	2022	May-22	2349-5162
158	COMPARATIVE ANALYSIS OF CONVENTIONAL BUILDING WITH 3DPRINTED BUILDING HAVING CONSIDERATION OF ITS ADVANCED COMPACT MOBILE ROBOT TECHNOLOGY	Mr. Gaurav C. Vispute	Civil Engg.	JETIR	2022	May-22	2349-5162
159	A Review on Reduction of CO2 emissions from Construction sector for Green Construction	Prof.Gaurav Vispute	Civil Engg.	JETIR	2022	May-22	2349-5162
160	Flyash mortar using naoh,na2sio3	Mrs. Hindola Saha	Civil Engg.	JETIR	2022	May-22	2349-5162
161	Comparative analysis and design of high rise building using E-TABs software and BIM technique to differ the cost of building	Mr. Shreedhar D. Patil	Civil Engg.	JETIR	2022	May-22	2349-5162

162	Design of Pavement Blocks made from Waste of Plastic, Glass & Aluminium Foil"	Mr. Shreedhar D. Patil	Civil Engg.	IJRASET	2022	Mar-22	2321-9653
163	Pavement block from disposal face mask	Mr. Shreedhar D. Patil	Civil Engg.	IJCRT	2022	May-22	2320-2882
164	Flood Mitigation Measures – Amphibious Housing.	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	Apr-22	2349-5162
165	A Review On Flood Mitigation Measures – Amphibious Housing.	Mr. Manoj U. Deosarkar	Civil Engg.	IJRASET	2022	May-22	2321-9653
166	ANALYSIS OF REINFORCED CONCRETE COLUMN RETROFITTED WITH DIFFERENT MATERIALS	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
167	Study of Seismic Analysis Of Plan Irregular Structures By Using ETABS Software	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
168	TO determine compressive strength of concrete using Recon fiber	Mr. Manoj U. Deosarkar	Civil Engg.	IRE Journals	2022	May-22	2456-8880
169	STRUCTURAL DESIGN AND COMPARATIVE STUDY BETWEEN THE MONOLITHIC CONCRETE VS PRECAST CONCRETE BRIDGE STRUCTURE BY USING CANTILEVER METHOD	Mr. Manoj U. Deosarkar	Civil Engg.	IJCRT	2022	Jun-22	2320-2882

170	COMPARATIVE STUDY BETWEEN THE MONOLITHIC CONCRETE VS PRECAST CONCRETE BRIDGE STRUCTURE BY USING CANTILEVER METHOD	Mr. Manoj U. Deosarkar	Civil Engg.	IJCRT	2022	Jun-22	2320-2882
171	ANALYSIS AND DESIGN SINGLE PIER (2LANE) FLYOVER BY USING STAAD PRO CONNECT	Mr. Manoj U. Deosarkar	Civil Engg.	IJCRT	2022	Jun-22	2320-2882
172	DESIGN SINGLE PIER (2LANE) FLYOVER BY USING STAAD PRO CONNECT	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
173	ANALYSIS OF REINFORCED CONCRETE COLUMN RETROFITTED WITH DIFFERENT MATERIALS	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
174	ANALYTICAL STUDY ON RETROFITTING TECHNIQUES OF RECTANGULAR COLUMN WITH DIFFERENT WRAPPING MATERIALS – REVIEW	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
175	To Improve Compressive Strength Of Concrete Using Recron Fiber (Polyester Fiber)	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
176	To Overcome The Challenges and Enhance the Productivity a time & Cost Overrun Management In Road Construction-Case Study	Mrs. Hindola Saha	Civil Engg.	IJASRET	2022	April-2022	2456-0774

177	ANALYTICAL STUDY ON RETROFITTING TECHNIQUES OF RECTANGULAR COLUMN WITH DIFFERENT WRAPPING MATERIALS – REVIEW	Mr. Manoj U. Deosarkar	Civil Engg.	JETIR	2022	May-22	2349-5162
Academic Year (2023-24)							
178	Upcycling Plastic Waste for Road Construction	Mrs. Sheetal Marawar	Civil Engg.	IJRTI	2023	May-1	2456-3315
179	Investigation of physical properties of Al ₂ O ₃ using waste egg-shell-reinforced composite material	Amruta Jagdish Killol	Civil Engg.	ECB	2023	Jan-23	116 – 128
180	A review on Traffic Management and Road Analysis of Porwal Road	Prof. Sheetal Marawar	Civil Engg.	IJRASET	2023	Jan-23	2321-9653
181	Floating solar plant with recycled plastic waste pontoons & overview	Mrs. Sarika Thombare	Civil Engg.	IRJET	2023	May-23	2395-0056
182	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Manoj Deosarkar	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
183	Carbon Capturing and Storage in India	Prof. Amruta Jagdish Killol	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099

184	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Ashish Waghmare,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
185	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Gaurav Vispute,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
186	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Amruta Jagdish Killol	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
187	Carbon Capturing and Storage in India	Prof. Ashish Waghmare,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
188	Carbon Capturing and Storage in India	Prof. Gaurav Vispute	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
189	Carbon Capturing and Storage in India	Prof. Manoj Deosarkar	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
190	Structural Design between Monolithic Concrete vs. Precast Concrete Bridge Structure by Using Cantilever Method	Manoj Deosarkar,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
191	Structural Design between Monolithic Concrete vs. Precast Concrete Bridge Structure by Using	Jitendra Dalvi,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099

	Cantilever Method						
192	Structural Design between Monolithic Concrete vs. Precast Concrete Bridge Structure by Using Cantilever Method	Uday Kakde,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
193	Structural Design between Monolithic Concrete vs. Precast Concrete Bridge Structure by Using Cantilever Method	Amruta J. Killol	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
194	Torsional and Flexural Resistance of Sisal Fiber Concrete RCC Beam	Jitendra D Dalvi	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
195	Torsional and Flexural Resistance of Sisal Fiber Concrete RCC Beam	Manoj U Deosarkar	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
196	Torsional and Flexural Resistance of Sisal Fiber Concrete RCC Beam	Sarika Burle	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
197	Torsional and Flexural Resistance of Sisal Fiber Concrete RCC Beam	Ashwini Waghule	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
198	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Dr. Nagesh L. Shelke	Civil Engg.	OAIJSE	2023	May-June 2023	2456-3293



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199	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Prof. Manoj U. Deosarkar	Civil Engg.	OAIJSE	2023	May-June 2023	2456-3293
200	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Dr. Nagesh L. Shelke	Civil Engg.	IJASRET	2023	May-June 2023	2456-0774
201	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Prof. Manoj U. Deosarkar	Civil Engg.	IJASRET	2023	May-June 2023	2456-0774
202	Upcycling Plastic Waste for Road Construction	Mrs. Sheetal Marawar	Civil Engg.	IJRTI	2023	May-1	2456-3315
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207	Carbon Capturing and Storage in India	Prof. Amruta Jagdish Killool	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
208	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Ashish Waghmare,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
209	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Gaurav Vispute,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
210	Energy Conservation, Carbon Neutralization and Carbon Inventory of Ajeenkya Dr D.Y. Patil Campus	Prof. Amruta Jagdish Killool	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
211	Carbon Capturing and Storage in India	Prof. Ashish Waghmare,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
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216	Structural Design between Monolithic Concrete vs. Precast Concrete Bridge Structure by Using Cantilever Method	Uday Kakde,	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
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220	Torsional and Flexural Resistance of Sisal Fiber Concrete RCC Beam	Sarika Burle	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
221	Torsional and Flexural Resistance of Sisal Fiber Concrete RCC Beam	Ashwini Waghule	Civil Engg.	IJSRET	2023	May-June 2023	2394-4099
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223	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Prof. Manoj U. Deosarkar	Civil Engg.	OAIJSE	2023	May-June 2023	2456-3293
224	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Dr. Nagesh L. Shelke	Civil Engg.	IJASRET	2023	May-June 2023	2456-0774
225	Design & Analysis using Response Spectrum Analysis of Tall Building using Python	Prof. Manoj U. Deosarkar	Civil Engg.	IJASRET	2023	May-June 2023	2456-0774



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Books

Sr. No.	Name of the teacher	Title of the book/chapters published
1	Prof. Jitendra Dalvi	Structural Analysis I
2	Prof. Jitendra Dalvi	Structural Design II
3	Prof. Jitendra Dalvi	Design of Reinforced concrete Structure
4	Prof. Jitendra Dalvi	Design and Drawing of Steel Structure
5	Prof. Uday Kakde	Design and Drawing of Steel Structure
6	Prof. Jitendra Dalvi	Design and drawing of Reinforced concrete Structures



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Patents

Sr. No.	Academic Year	Patent Filed Date (DD/MM/YYYY)	Patent Application No.	Status Of Patent (Published / Granted)	Name of Faculty	Department	Patent Title
Academic Year (2018-19)							
1	2018-19	19-01-2018	201721046540	Granted 09-01-2024	Prof. Vishwajeet Kadlag	Civil	Improved Wall Mount Dustbin utilization at stable & moving locations
Academic Year (2022-23)							
2	2022-2023	22/08/2022	202221047620	Published	Prof. Vishwajeet Kadlag	Civil	Wild Animal Detection System
Academic Year (2023-24)							
3	2023-24	09/08/2023	202321053427	Published	Prof. Vishwajeet Kadlag	Civil	Lifting Table with Roller And detachable Platform
4	2023-24	11/08/2023	202321053846	Published	Dr. Smita Daterao	Civil	Durability properties of self-compacting concrete incorporating pond ash as a fine aggregate
5	2023-24	10.10.2023	202321067902	Published	Prof. Vishwajeet Kadlag	Civil	Smart Elevator Door System with Optimum Elevator Car Door Response to Improved Elevator Scheduling