

Sinhgad Technical Education Society's
RMD Sinhgad School of Engineering, Warje, Pune. 58
Department of Civil Engineering

Faculty Publications A.Y. 2016-17

Sr. No.	Title of Paper	Name of Journal/Conference	Name of the Author	Volume	Issue
1	The Effect of Curing Methods on Compressive Strength and Durability of Concrete	IERJ	SitaramSuryawanshi,	2	12
2	Drift Analysis in Multistoried Building	IJESRT	Patil Jaya,	5	12
3	A Methodology to Select Construction Equipment Acquisition Method	IJCSE	Rahul Shinde	4	1
4	Testing and Mix Designing of Concrete made with Coconut Shell as Partial Replacement for Coarse Aggregate	IJSART	Sumit R. Thakur	2	7
5	An Investigation on Green Supply Chain Management in the Construction Sector within Maharashtra	IRJET	MittapalliDashratha	3	7
6	EIA Guidelines for Airport	IJSRSET	D.L. Mittapalli	2	4
7	Government Policies and Difficulties in Land Acquisition: A Questionnaire Survey	IJIRD	Rahul Shinde	5	8
8	Clash Detection- A New Tool in Project Management	IJSRSET	Rahul Shinde	2	4
9	Feasibility study of	IJTRA	A. V. Datye,	4	3

	Modified Stabilization Tank				
10	Cost and Strength Analysis on Partial Replacement of Coconut Shell in Concrete as Coarse Aggregate	IJARIE	Mr. S. R. Thakur	2	4
11	An Investigation on green Supply Chain Management in Indian Construction Sector	IJ-ETA-ETS	Mr. D. L. Mittapalli	9	1
12	Comparative Study of Waffle Slabs with Flat Slabs and Conventional RCC Slabs	IJERT	Mrs. S. R. Khot	5	4
13	Numerical Modeling of Brine Dispersion in Shallow Coastal Waters	IJCIET	Mr. Y. B. Patel,	7	3
14	Resource Scheduling in Construction Project using MSP	IJRSET	Mrs. Vaishali Joshi	6	1
15.	Industrial Polypropylene Waste used as Modifier in Asphalt Binder for Flexible Pavements	IJERT	Mr. Abhaysinha Shelake	6	6
16.	Utilization of Industrial Polypropylene (PP) in Asphalt Binder for Flexible Pavements	IRJET	Mr. Abhaysinha Shelake	4	6
17	Application of Lean Construction Toll (LPS) to Improve Labor Productivity at Construction Site	IJSRT	Mr. Manish Khandare		
18.	Assessment of Construction in	IJSRD	Mr. Mittapalli Dashratha	5	3

	Concrete by Mixing Activator Material- A review				
19.	Assessment of Construction in Concrete by Mixing Activator Material	IJETER	Prof. MittapalliDashrathaLaxmiprasad	5	5
20	A Review of Genetic Algorithm used for Optimizing Scheduling of Resource Constraint Construction Projects	IRJET	M. A. Khandare	4	5
21	Exploratory Study of Causes and Effects of Delay in Indian Residential Projects	IRJET	Manish Khandare	4	6
22.	Empirical Study on Causes and Effects of Delay in Residential Projects in India	IJSER	M. A. Khandare	5	6
23	Identifying the Causes and Effects of Delay in Residential Projects	IRJET	M. A. Khandare	4	4
24	Ranking of Risk in Railway Projects	IJESRT	Prof. R. D. Shinde,		
25	Exploratory Study on Critical Success Factors in Construction Projects	IRJET	R. D. Shinde	4	5
26	Delay Analysis in Industrial Projects by Using Relative Importance Method	IRJET	Manish Khandare	4	6
27	Delay Analysis in Industrial Projects by Using Relative Importance Index Method	IJESC	Manish Khandare	7	6
28	Ranking of Risk in	IJESRT	Mr. Rahul D. Shinde		

	Railway Projects				
29	Risk Management in Railway Projects	IRJET	Prof. R. D. Shinde,	4	6
30	Economic and Qualitative Feasibility of Partial Replacement of Natural Sand in M30 Grade of Concrete by Green Components	IRJET	Mr. A. G. Shelake, S. R. Khot	4	6
31	3D Modeling and Energy Analysis of a residential Building using BIM Tools	IRJET	Mr.. R. D. Shinde	4	7
32	Practical Investigation of Factors Affecting Selection of Dispute Resolution Methods in Construction Projects: A Survey	IJRSET	Mr. M. A. Khandare	6	1
33	Risk Analysis and Strategic Evaluation of Procurement Process in Construction	IRJET	Mr. Mr. R. D. Shinde	4	6
34	Analyzing Project Scope Definition Completeness by using PDRI for an Infrastructure Project	IJESRT	Mr. M. A. khandare	6	7
35	Human Performance factors in Construction	IJRSET	Mr. J. P. patil	6	1
36	Risk Associated in Real Estate Project: A Survey	IJRSET	Mr. S. R. Khot	6	1

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Publication AY 2015-16

Sr. No.	Title of Paper	Name of Journal/ Conference	Name of the Author	Volume	Issue
1	Study of Safety Ergonomics in High Rise Building	Conference Proceeding	Mrs. S. R. Khot		
2	Introduction of ABS Plastic Formwork as an Alternative Option to Traditional Formwork System	IJRET	Mr. R. D. Shinde	5	4
3	Black Spot Analysis of Pune-Banglore National Highway	IRJET	Mrs.Snehal Bobade-Sorate	3	4
4	Total Quality Management in Residential Project	IJESRT	Mr. A. G. Shelke	5	4
5	Black Spot Analysis on National Highway 4	IJERT	Mrs. Snehal Bobade-Sorate	5	3
7	An Experimental Study on Shear Behavior of Steel Fiber Reinforced Concrete Beam	IRJET	Mrs. S. R. Khot	2	6
8	Repair of Damaged Reinforced Concrete Beam Externally Bonded With GFRP Plates	IRJET	Mrs. S. R. Khot	2	3
09	Black Spot Analysis on Pune-Solapur National Highway	IRJET	Mrs. S. U. Bobade	2	3
10	Identification of Accidental Black Spots on National Highway 4 (new katraj Tunnel to ChandaniCkawk)	IOSR-JMCE	Mrs. S. U. Boabde	12	3
11	Accidental Study on Pune-	IJSR	Mrs. S. U. Bobade	4	6

	Solapur National Highway				
12	Resources Optimization in Casting of Segments on Bridge Construction	IJESRT	Mr. A. G. Shelake	4	6
13	Model Pushover Analysis to Estimate the Seismic Demand of Vertically Irregular Structures	IOSRJ	Ms. Sneha S. Bhende	10	10
14	Performance Based Seismic Design of High Rise Set Back Structures	Journal of Civil Engineering and Environmental technology	Ms. Sneha S. Bhende	2	12
15	Model Pushover Analysis to Estimate the Seismic Demand of Vertically Irregular Structures	International Journal of Pure and Applied research in Engineering and technology	Ms. Sneha S. Bhende	3	8
16	Carbon Footprints Evaluation and Techno-Economic Comparative Study of Mechanized Wastewater Treatment System Versus Non-Mechanized Treatment System	CEMCON-2015	Mr. Abhijeet V. Datye		

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Faculty Publications A.Y. 2014-15

Sr. No.	Title of Paper	Name of Journal/ Conference	Name of the Author	Volume	Issue
1	Nonlinear Time History Analysis of a Steel Moment Resisting Frame with Passive Hybrid Energy Dissipating System using Buckling Restrained Braces and Viscous Fluid Dampers	PG-CON	Ms. A.V. Nadkar		
2	Identification of Accidental Black Spots on National Highway s and Expressways	ACGT-2015	Ms. S. U. Bobade		
3	Seismic Performance Evaluation of Set Back Structures by Pushover Analysis	International Conference on Advances in Civil and Mechanical Engineering Systems 19-20 Dec, Govt. Coll. Of Engg. MARavati	Ms. S. S. Bhende		
4	Architectural and Structural Design for Blast Resisting Buildings	JCEET	Mr. S. G. Suryawanshi	1	3
5	Experimental Analysis of Gasifier Using Municipal Solid Wastes	IJESIT	Mr. R.B. Shintre,	3	5
6	Analysis and Design of Transmission Line Tower 220 kV: A Parametric Study	IJERT	Mr. P. P. Ankad	3	8

7	Seismic Assessment of Existing Bridge Using OPENSEES	IJMER	Mr. Jadhav S. S	4	7
8	Integrated Application of Remote Sensing GIS and Electrical Resistivity for Artificial Recharge South Solapur Dist. Solapur	ICST-2014	Ms. A. P. Deshmukh		

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Publication A.Y. 2013-14

Sr. No.	Title of Paper	Name of Journal/ Conference	Name of the Author	Volume	Issue
1	Concrete Curing Using Internal and External Curing Compounds:- A Critical Evaluation	TJIS	Mr. S. G. Suryawanshi	1	1
2	Seismic Performance Evaluation of Setback Structures By Pushover Analysis	International Conference on Advances in Civil and Mechanical Engineering System	Ms. S. S. bhende		
3	Cost of Quality: A Study of Residential Construction Project	ICST-2K14	Mr. Dhananjay B. Bhosale		

Sinhgad Technical Education Society's
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 Publication A.Y. 2012-13

Sr. No.	Title of Paper	Name of Journal/ Conference	Name of the Author	Volume	Issue
1	Engineered Cementitious Composites for Structural Applications	IJAIEEM	V. P. Joshi	2	4
2	Comparison between Conventional Steel Structures and Tubular Steel Structures	IJERA	G. S. Mirajkar	2	6
3	Geopathic Stress Aspect for Sustainable Development of Built Environment	IJSRP	S. Sorate	2	12
4	Behavior of Multistoried Building under the Effect of Wind Load	IJASER	Swati. D. Ambadkar	1	4
5	A Review of Six Sigma Approach: Methodology, principles, Dmaic Process and Implementation	ICRTET-2013	BosaleDhananjay		

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Publication AY 2011-12

Sr. No.	Title of Paper	Name of Journal/ Conference	Name of the Author	Volume	Issue
1	Project Duration Forecasting using Earned Value Method and Time Series	IJEIT	Khandare M. A	1	4