

August 2017

Journal of
Structural Engineering
& Management



JOURNAL

Technical Medical

journals.com

Journal of Structural Engineering and Management

Volume 4 | Issue 2
May to August 2017

Contents

<i>Comparative Study of Seismic Performance of Multistory Symmetrical RC Frame Structure with and Without Dampers</i>	1
Rahil Yousuf Mir, S.A. Bhalchandra	
<i>Analytical Study on Optimum Placement and Sizing of X-Plate Metallic Dampers for Seismic Response Control of Multistoried RC Building Frame</i>	6
Tatya D. Vavhule, R.S. Londhe	
<i>Comparative Study on Damper and Shear Wall in Earthquake Analysis for Multi-storey Structure</i>	13
S.S. Pathan, D.N. Kakade, A.P. Wadekar	
<i>Seismic Response of Multistoreyed Building for Different Stiffness Conditions</i>	22
Harish Sharma, Atul Shishodia, Nitin Kumar, Gaurav Kumar, Sachin Bhati, Muzaffar Ahmad Mir, Tariq Naseem	
<i>Experimental Investigation on Ferrocement Slab Using Steel Fibres and Different Sands</i>	27
Preveen R., Bibha Mahto	
<i>Advanced Modeling and Static Analysis of Inverted Umbrella Roof Shell Using ANSYS</i>	31
S.S. Kadam, G.R. Gandhe, D.H. Tupe	
<i>Analysis of Tall Structures for Different Stiffness Ratios of Columns to Shear Walls and Column Shortening</i>	36
Ravindra R., Jagadish B. Reddy, Charitha Rajashekar	
<i>Experimental Investigation on Mechanical Properties of Concrete Replacing of Steel Slag as Coarse Aggregate</i>	44
M. Rajkannan, M. Arivoli, R. Malathy	
<i>Economical Design of Stiffened Plate using FEM</i>	50
Amit Kumar Gorai, P. Pal	
<i>Study of Influence of Corrosion and Cracking on Bond Behavior of Reinforced Concrete Member</i>	58
A.N. Patil, B.G. Birajdar, H.K. Erande	