

Thanks for the overwhelming response for SEC-2106. 500 plus extended abstracts are received before the due date. All the abstracts have been reviewed. Based on the recommendations of the reviewers/Technical committee, the following extended abstracts are considered for submission of full-length papers. Authors are requested to submit full-length papers as soon as possible, so that review can be completed and communicated to the authors, in time.

LIST OF ACCEPTED EXTENDED ABSTRACTS FOR SEC-2016

S. No.	Submission ID	Theme title	Title of the paper	Author
1	125	[ADCS]	Analysis and design of table top foundation for turbine generators	Siddhartha Bhattacharya
2	128	[VCSS]	Seismic response mitigation of 50 storied building using passive control devices: a comparative study	Debanjan Das , Rama Debbarma
3	131	[NBMSC]	Experimental studies on physical properties and strength response of construction and demolition wastes	Ashok Kumar Suluguru, Arkamitra Kar, Anasua GuhaRay
4	134	[SHM]	Efficiency of the torsional mode shapes in structural damage localization	Gourab Ghosh
5	136	[MSNH]	Seismic performane and retrofitting of masonry heritage building	Shakeel Ahmad, Rehan A Khan, Kamran, and Mohammad Asad
6	137	[SHM]	Structural damage identification by model updating using hdmr	B.O. Naveen and A.S. Balu
7	138	[ADSS]	Investigation on cold-formed steel single and built-up angles under axial compression	G.Beulah Gnana Ananthi
8	142	[FF]	Fracture characterization of bone using crack equivalent concept	B. Kesava Rao and A. S. Balu
9	143	[ADSS]	Behaviour of cold-formed steel box and built-up i-section under compression	G.Beulah Gnana Ananthi
10	144	[ADSS]	Behaviour of cold-formed steel beam-column joints wrapped with latex	N. RajivGandhi, P. S. Joanna and Jane Helena H
11	146	[WEE]	Dynamic response amplification in rc frame buildings	Uday Sinha and Satyabrata Choudhury

12	147	[CMS]	Nonlinear dynamic analysis of laminated composite plates subjected to in-plane harmonic edge loading	S.N.Patel, V. Keshav
13	148	[WEE]	Comparative study of irregular buildings subjected to seismic loads	Abhimanyu U, Mohit Goyal, D V P K Anurag
14	149	[VCSS]	Seismic vibration control for 20-story non-linear benchmark building installed with shape memory alloy damper	Raghav Moyade and Suhasini Madhekar
15	150	[VCSS]	Analysis and design of foundation systems to control the vibrations due to forging impact hammer	K. Rama Raju , B. Annesh
16	151	[CSM]	Improved sparse high dimensional model representation based on least absolute shrinkage and selection operator	Tanmoy Chatterjee and Rajib Chowdhury
17	153	[VCSS]	Vibration control of structures and structural components with magnetorheological elastomers	Rama Raju K and Vineeth Varma D
18	155	[CAPE]	Seismic fragility analysis of highway bridges in india considering evolution of codal provisions - a case study	Shivang Shekhar, Jayadipta Ghosh
19	158	[WEE]	Sloshing in liquid storage tanks with internal obstructions	M.Z.Kangda, S.S.Sawant & O.R.Jaiswal
20	159	[SHM]	Damage identification in a multi - storeyed building using modal based health monitoring techniques	Swagato Das, Purnachandra Saha
21	160	[HA]	A study of risk assessment and management in construction	Prithiv.S, Mr.Rajendhran
22	161	[VCSS]	Inelastic seismic behaviour of asymmetric rc buildings using base shear and torque (bst) surface	Raut Rushikesh M., Madhekar S. N.
23	162	[CMS]	Static response of thin walled cnt reinforced laminated composite box beam	Tushar Sharma, V. Murari & K.K. Shukla
24	163	[WEE]	Reliability estimation in vibrating structures by girsanov's transformation with markov control forces	Oindrila Kanjilal, C.S. Manohar
25	164	[VCSS]	Seismic control of benchmark highway bridge installed with bilinear double concave friction pendulum system	Gaurav Parmar and Suhasini Madhekar

26	165	[CSM]	Reliability based design optimization - a hybrid pcfе based approach	Souvik Chakraborty, Rajib Chowdhury
27	166	[ADSS]	Comparative study of fatigue design of steel structures as per IS 800:2007, EN 1993-1-9:2005, AS 4100:1998 and AISC 360:2010	Dhara Shah, Trupal Patel
28	167	[ADSS]	Comparative study of fire resistant design of steel structures as per IS 800:2007, AS 4100:1998, AISC 360:2010 and EN1993-1-2	Dhara Shah, Janak Shah
29	168	[NBMSC]	Combined effect of steel fibers with ferrochrome slag on hardened concrete	Dhara Shah, Janak Shah
30	169	[SHM]	Nonlinear system identification using empirical slow flow model	J.Prawin, A. Rama Mohan Rao
31	173	[ADSS]	Provisions for design of doubler plates for beam hinging in steel mrf's	Arnav Anuj Kasar, S. D. Bharti, M. K. Shrimali and Rupen Goswami
32	174	[VCSS]	Seismic retrofitting using the concept of coupling two adjacent buildings	M. Abdeddaim, A.Ounis, S. D. Bharti, M.K. Shrimali
33	175	[ACTP]	Selection of vertical formwork in construction project using fuzzy logic	Phadtare M.A. , Kambekar A.R.
34	176	[CMS]	Assessment of an efficient and simple hyperbolic higher-order shear and normal deformation theory for functionally graded plates	Ankit Gupta, Mohammad Talha
35	177	[VCSS]	Seismic response control of smart base isolated benchmark building using hybrid control strategy (viscous fluid damper with mr damper)	Rini Dey, Dr. Purnachandra Saha
36	178	[WEE]	Seismic behavior of damaged buildings during earthquake aftershocks	S. Narayan, M.K. Shrimali, S.D. Bharti, T.K. Datta
37	179	[VCSS]	Numerical investigation on the effectiveness of double tuned mass dampers in structural vibration control	Mohammed Fasil, Sajeeb R
38	181	[NBMSC]	Reduction of shrinkage of self compacting concrete using polycarboxylate ether as shrinkage reducing admixture	Shreyasee Sulakshna Sanjay, Asish Kumar Pani
39	182	[VCSS]	Seismic control of smart structures using sma damper	Swabarna Roy, Dr. Purnachandra Saha
40	184	[MSNH]	Performance assessment of reinforced concrete buildings with shear wall under seismic loading	Prahlad Prasad, Charugulla S K Chakravarthy
41	186	[CSM]	Lola-voronoi based kriging for uncertainty quantification	Biswarup Bhattacharyya, Sonalisa Ray

42	188	[ADCS]	Steining Thickness of Well Foundation for Jack down Method of Sinking	Amar Pal Singh, Renu Singhal, Umer Farooq
43	190	[BSBIL]	Study of reinforced concrete column subjected to blast loading	P J Shukla, A K Desai, C D Modhera
44	191	[SHM]	Analytical Investigations on Structural Damage Identification using Torsional Wave Propagation	K. Varun Kumar, T. Jothi Saravanan, N. Gopalakrishnan, K.M. Mini
45	193	[NBMSC]	Relation between Cantabro Loss and Flexural Strength of Fly ash Roller Compacted Concrete Pavement	S.Krishna Rao, P.Sravana , T.Chandrasekhara Rao
46	194	[SNCE]	Analysis of a Flower Shell Roof	Bhupendar S. Dhakar, O. S. Jahnavi Naidu and Jayashree Sengupta
47	195	[NBMSC]	Studies on durability of slag-based geopolymer concrete	S. Sundar Kumar, J. Lokesh Kannan
48	196	[WEE]	Numerical Investigation of the Turbulent Airflow Through Elevated Windbreak	A. Agarwal, Dr. H. Irtaza
49	197	[ADSS]	Comparison of Parallel and Taper Flange I Beam Sections	Kulkarni Swati Ajay, Vesmawala Gaurang R
50	199	[NBMSC]	An Experimental Investigation to Determine the Properties of Fly Ash Based Geopolymers as per Indian Standards	Suman Saha, Rajasekaran C.
51	200	[WEE]	Seismic response mitigation of low-rise rc frame buildings with infill using tuned liquid damper	Subhra Das and Satyabrata Choudhury
52	202	[CSM]	Numerical Modeling of Spalling in High Strength Concrete at High Temperature	P.Ravi Prakash and Gaurav
53	203	[CMS]	Hygrothermal Free Vibration Analysis of FRP Bridge Deck Using Higher Order Shear Deformation Theory	Moumita Sit, Chaitali Ray
54	205	[FF]	Service Load Reliability Assessment of Steel Girder Bridges under Coupled Corrosion and Fatigue Problems	Bhaskar Panchireddi and Jayadipta Ghosh
55	206	[VCSS]	Viscoelastic damper as an alternative to coupled shear wall in a twenty storey building	Deepiya R., Kamatchi, P.
56	207	[VCSS]	Three Dimensional Finite Element Simulation of Isolated Floor Slab with Friction Contact Surface	Kamatchi, P., Cheran Pandian, S., Ezhilarasi, N. and Balaji Rao, K.

57	209	[ADCS]	Experimental study on bond behaviour between headed reinforcing bar and concrete	Abhijit S. kawale, Yogesh D.Patil
58	210	[CMS]	Experimental Verification of Free Vibration Analysis of Stiffened Plate Considering FSDT and HSDT	Dhiraj Biswas, Moumita Sit, Chaitali Ray
59	213	[NBMSC]	Impact Response of Paver Blocks With Waste Tyre Crumb Rubber	R. Bharathi Murugan, E. Rama Sai, C. Natarajan
60	214	[ADCS]	Effect of Infill Wall Stiffness on Seismic Analysis of High Rise Building Resting on Sloping Ground	Kolasani Rajasekhar and Maganti Janardhana
61	216	[SHM]	Parametric Study of Shape Memory Alloy in Concrete	Prashant kumar, A K Sachan, , Rama Shanker, Anupam Rawat
62	219	[ADCS]	Cyclic Testing of Exterior Beam - Column Joint with Welded and Threaded Headed Reinforcement	Vaibhav R. Pawar, Y.D.Patil, H.S.Patil, P.D.Dhake
63	220	[ACTP]	AAC Block Masonry with RMM- An Experimental and Numerical study	Deepa Doddamani and Mangala Keshava
64	221	[SHM]	Vibration Based Damage Detection in a Channel Section Steel Beam using Response Surface and Genetic Algorithm	Palash Dey and S. Talukdar
65	222	[CSM]	Analytical Soil-Structure Interaction Formulations in Frequency Domain for Structures Founded on Flexible Bases	Vishwajit Anand, S R Satish Kumar
66	223	[WEE]	Nonlinear Static Behaviour of RC Frame Buildings During Construction Stages	Ankush Gogoi, Bhargav Bhuyan, Nishant Sharma, Kaustubh Dasgupta
67	224	[NBMSC]	Development of Bio-degradable Acoustic Panels from Agricultural Waste Fibre	B.Dhayalini, Dr.R.Senthil
68	225	[VCSS]	Performance of Semi Actively Controlled Building Frame using MR Damper for Near Field Earthquake	Vishisht Bhaiya, S. D. Bharti, M. K. Shrimali and T. K. Datta
69	226	[NBMSC]	Effect of Addition of Flyash and Superplasticizer to Ultra-fine Slag Based Geopolymer Mortar	Sulaem Musaddiq Laskar, Sudip Talukdar
70	227	[VCSS]	Cyclonic Wind Response Mitigation of Transmission Towers by SMA Dampers	Madhusree Roy, Aparna (Dey) Ghosh
71	228	[VCSS]	Linearized Dynamic Analysis of Weightless Sagging Planer Elastic Cables	Pankaj Kumar, Abhijit Ganguli and Gurmail S. Benipal

72	229	[SNCE]	Hydro-electric flow optimization of a dam: A Kriging based approach	Subhadip Biswas, Souvik Chakraborty, Rajib Chowdhury, Indrajit Ghosh
73	231	[CSM]	A Study on Finite Element Modelling of Acoustic Emission Waveforms in Composite and Sandwich Plates	Sanjay Sengupta , Pijush Topdar , Alope Kumar Datta
74	233	[CSM]	Analysis of bending of curved beam under moving load	V. K. VERMA
75	234	[SHM]	Damage Assessment in composites using Frequency Discrimination of Acoustic Emission Signals	Sanjay Sengupta , Alope Kumar Datta, Pijush Topdar
76	235	[ADCS]	Improvement in Load Carrying Capacity of RC Shear Wall with Opening Using Concealed Steel Tube Bracing	S. N. Mahadik, S. R. Bhagat
77	236	[CAPE]	Effect of fire on Reinforced Concrete Slab- Numerical Simulation	Mr. M.K.Haridharan, Dr. C Natarajan
78	237	[MSNH]	The Effect of Macroroughness in Front of Building for Tsunami Pressure Dissipation - A Numerical Study	D. Ghosh, A. K. Mittal, S. K. Bhattacharyya, S. Behera
79	239	[NBMSC]	Carbonation, Shrinkage and Long Term Studies on Recycled Aggregate Concrete	Bhashya V. and Bharatkumar, B. H.
80	240	[CSM]	HDMR Based Alternative Approach to Bayesian Structural System Identification	Shereena O A, B N Rao
81	241	[ADCS]	Effect of construction joints on strength performance of concrete	Aswathy Ann Mathew, Nazeer. M
82	242	[DPDS]	Measurement of the thickness of the passive film formed on the rebars in concrete pore solution	Hema Kishor Munot
83	243	[HS]	Dynamic Modeling of Ujjayanta Palace - a Heritage Load-bearing Masonry Building	S. Raghunath , K. S Jagadish
84	244	[SVTS]	Structural Reliability Modeling through Intelligent Testing	Sonal Dhanvijay, C. S. Manohar
85	245	[ADCS]	Simplified Theory for Long Underground Cylindrical Storage Tank	Abhinanda Dilip, S. Talukdar and Palash Dey
86	246	[VCSS]	Response Control of Offshore Jacket Platforms using Shape Memory Alloy - Rubber Bearing Isolators under Wave Loads	Soumi rajbhansi , Diptesh Das
87	248	[NBMSC]	Mechanical properties of pva and polyester fibers based engineered cementitious composites	S. B. Singh, Pankaj Munjal

88	249	[WEE]	Efficacy of Methods to Estimate Storey Stiffness in Multi-Storey Building	A.R. Vijayanarayanan, Rupen Goswami and C.V.R. Murty
89	250	[CSM]	Adaptive Metamodel Based Efficient Robust Design Optimization of Offshore Structure under Stochastic Wave Loading	Gaurav Datta, Soumya Bhattacharjya, and Subrata Chakraborty
90	251	[WEE]	Hybrid testing of concrete bridge piers with different detailing at column-foundation interface	Needhi Kotoky , Anjan Dutta and Sajal K Deb
91	252	[VCSS]	Mitigation of Vibration in Railway Platform Produced By High Speed Trains	Rana Chandra Howlader, A. K. Dutta
92	253	[CSM]	Academic Audit of Finite Element Commercial Softwares Used In Design Industry	Anirban Mondal, A. K. Dutta
93	254	[SHM]	Analytical Study of Mechanism of Concrete Cracking and its Propagation due to Corrosion of Reinforcement	H.K.Munot , A.M.Jadhav
94	255	[VCSS]	Performance of Compliant Liquid Column Damper for Seismically Excited Structures	Soumi Bhattacharyya, Aparna (Dey) Ghosh, Biswajit Basu
95	259	[CMS]	A Finite Element Model Based Sensitivity Analysis of Deep and Moderately Thick Cross-Ply Laminated Shell Structure	Sandipan Nath Thakur, Chaitali Ray, Subrata Chakraborty
96	260	[WEE]	CFD and Wind Tunnel Investigations on Rectangular Building with Corner Cuts	Monica A , Hari Krishna P , Nagamani K
97	261	[WEE]	Development of a Protocol for Vulnerability Assessment of Building Structures	K. Aparna Srivastav, S. K. Bhattacharyya
98	262	[CMS]	Dynamic Buckling of Laminated Composite Curved Panels Subjected to In-Plane Compression	V. Keshav, S.N. Patel
99	263	[CMS]	Nonlinear Dynamic Analysis of Hygro-Thermo-Elastic Composite Conical Shell Panels	C. K. Kundu
100	264	[ADCS]	Effect of Pile Layout and Pile Cap Thickness on Load Distribution in Piles	Meenu Sharma and Siddhartha Bhattacharya
101	265	[NBMSC]	Experimental Investigation of Compressive Strength, Cyclic and Durability Study on Concrete by partially replaced by adding Microsilica	Ponmalar V, Janardhan Y, Hemachandar N

102	266	[ADCS]	Reaction Response of Horizontally Curved and Skewed Concrete Box-Girder Bridges	Tanmay Gupta, Manoj Kumar
103	267	[MSNH]	Performance of Base Isolated Building For Extreme Earthquakes	M. Bhandari , S. D. Bharti, M. K. Shrimali, T.K.Datta
104	268	[NBMSC]	Comparison of RCC and Interlocking Block Masonry Structure	C. S. Manure, Dr. R. S. Sonparote
105	270	[WEE]	Near fault effect on the response of single hinged compliant offshore tower	SYED YUSUF JAVED
106	271	[NBMSC]	A Study on Behavior of Block Masonry with Alternatives as Fine Aggregate in Mortar	Pavan J, Mangala Keshava, Shrinath
107	274	[ADCS]	Performance Estimation of Solid and Punched Shear Wall Buildings with Two Modelling Techniques	JuturuSwetha, Onkar G. Kumbhar, Ratnesh Kumar
108	275	[NBMSC]	Smart Building Materials for Construction	Harish C,Sreelakshmi G , Asha M N , Chaithanya L I, Manikandan R
109	279	[ADCS]	Effect of Modeling Assumptions on Seismic Performance of RC Building	Onkar G. Kumbhar , Ratnesh Kumar
110	282	[CSM]	Shear Strength of Semi Corrugated Webbed Beam	Anjaly J Pillai, Laxmikant M Gupta
111	284	[CSM]	Thermal stress analysis of isotropic thick beam by using hyperbolic shear deformation theory	V. G. Pardeshi, G. R. Gandhe , D. H. Tupe
112	285	[DPDS]	Effects of plastic hinge properties in nonlinear static pushover analysis on low-rise reinforced concrete buildings	CK Kundu and Saurav Kar
113	286	[NBMSC]	Study on Flexural Behaviour of Geogrid Confined Beams with Polypropylene Fiber	Sherry Rose Jose and Bindu S,
114	291	[RRRS]	Bond Behavior between Glass Fiber Reinforced Polymer Laminates and Heat Damaged Concrete	A.B.Danie Roy, Umesh.K. Sharma and Pradeep Bhargava
115	295	[CSM]	Trigonometric shear deformation theory for thermal stress analysis of isotropic deep beam	P.H.Dinkar, G.R.Gandhe, D.H.Tupe
116	296	[WEE]	Seismic Response Control of Open Ground Storey	Sakshi Manchalwar, A. A. Machalwar
117	297	[CSM]	A Hyperbolic Shear Deformation Theory for Static Flexural Analysis of Thick Isotropic Beams	P. M. Pankade, D. H. Tupe, G. R. Gandhe

118	300	[ADSS]	Global Ductility Evaluation of Industrial Pallet Racks	Rajesh Nagar, S R Satish Kumar
119	301	[CSM]	Comparison of Various Displacement Fields for Static Flexural Analysis of Thick Isotropic Beams	D. H. Tupe, A. G. Dahake
120	302	[RRRS]	Studies on strengthening techniques for existing transmission line and communication towers	R. Balagopal, N. Prasad Rao, R. P. Rokade and P. K. Umesha
121	303	[ADCS]	Nonlinear analysis of reinforced concrete slabs subjected to fire	N M G Avinash, B N Rao
122	304	[CSM]	Thermoelastic Stress Analysis of Rectangular Plate by Using Integral Transform Technique	G. R. Gandhe, Y. M. Ghugal, V. S. Kulkarni
123	305	[CAPE]	Change in microstructure properties of concrete on accelerated carbonation	Vineet Shah, Geetika Mishra, Anuj Parashar, Shashank Bishnoi
124	307	[RRRS]	Performance evaluation of brick infilled rcc structures using nonlinear strut model for infills	Shashank C. Lahoti, Y. M. Parulekar, G.R. Reddy, Praveen kumar
125	308	[ACTP]	A co-relation study between lime reactivity strength test and calorimeter for different scms	Anuj Parashar, Vineet Shah, Geetika Mishra, Shashank Bishnoi
126	309	[NBMSC]	Nanomaterials: A new approach to sustainable infrastructure	Geetika Mishra, L.P. Singh
127	310	[VCSS]	Parallel Structures Connected by Viscous Damper Subjected to Random Excitation	C. C. Patel
128	311	[CAPE]	An Assessment of the Deterioration of Flexural Capacity of Pretensioned Concrete Girder Due to Strand Corrosion	Resmi G., Amlan K. Sengupta, Radhakrishna G. Pillai
129	312	[NBMSC]	Influence of silica fume on durability properties of concrete with fly ash	V.Seshasayee, B.H.Bharatkumar, P.Gajalakshmi
130	314	[CMS]	Methods of Modifying the Microstructure of Interfacial Transition Zone	Meenakshi, Shashank Bishnoi
131	315	[ACTP]	Design Issues in Structural Aspects of Facade Systems	Omkar Powar ; Arul Jayachandran
132	316	[ADSS]	Comparison of Different Methods of Analysis of a Steel Plate Girder Bridge with Actual Field Data	Manoj R. S., T.M. Deepthi and U. Saravanan

133	319	[ADCS]	Robust Optimal Design of Buried Reinforced Concrete Pipe in Trenchless Construction under Bounded Type Uncertainty Considering Seismic Load	Sayan Mukherjee, Prakash Kumar Shaw, Gaurav Datta, Soumya Bhattacharjya, and Saibal Kumar Ghosh
134	320	[ACTP]	Experimental studies on bed joint reinforcement of hollow concrete block & hollow clay block prisms under compression	Rudresh Choudannavar, Vinay N, Alfa Rahamath, Somanath. M. Basutkar,
135	322	[CMS]	Finite element analysis of functionally graded composite plates under static load	Arnab Roy, D. K.Jha, G. R.Reddy and K.Srinivas
136	323	[DPDS]	Modeling sulfate attack of concrete using mixture theory	Gouder. Chethan , U. Saravanan
137	324	[CMS]	Experimental and Analytical Studies of Failure Characteristics of FRP Connections	S. B. Singh, Himanshu Chawla, and Sudhir Vummadisetti
138	326	[WEE]	Seismic response of reinforced concrete structure considering soil-structure interaction	A. A. Tupe, Dr. R. S. Sonparote
139	328	[NBMSC]	Assessment of Properties of Hardened Ultrahigh Performance Fiber Reinforced Concrete	Bharathi Ganesh, Ramesh M N, Manoj V, Santhosh m, Monish , shivakumar
140	329	[NBMSC]	Effects of Steel Fibre on Self Compacting Concrete with Fly Ash	Udgata, Rath
141	330	[DPDS]	To study the behaviour of self compacting concrete with plastic fibres when subjected to acid attack	RANJEETA AKKAMPET, VIJAYA G.S G.S.
142	331	[NBMSC]	Investigation on Micro Structural and Durability characteristics of Spinacia oleracea as an Innovative Internal curing agent in combination with Self-Compacting admixtures	Rampradheep G. S., Sivaraja M., Geetha M., Saranya R., Sathish R., Vignesh V
143	332	[CMS]	Cyclic Behavior of Exterior Beam Column Joint with Hybrid Fiber Reinforced Concrete	R.Siva Chidambaram and Pankaj Agarwal
144	333	[CSM]	Failure Analysis of Composite Cylindrical Shells Using Continuum Damage Mechanics	Maharshi Kintada, Arbind Kumar Singh
145	334	[MSNH]	Analytical Seismic Fragility Analysis of Existing Building Frame in the North Eastern India	Subhojit Mukherjee , Swarup Ghosh , Shyamal Ghosh and Subrata Chakraborty

146	335	[WEE]	Ground Motion Simulation at the Central Indo-Gangetic Plain	Saikat Bagchi, S. T. G. Raghukanth
147	336	[CAPE]	Reliability Study of Circular Railway Bridge Pier Using Monte Carlo Simulation	Abishek A., B N Rao
148	338	[WEE]	Correlating Peak Ground A/V Ratio with Ground Motion Frequency Content	Rahul Garg, Jaya Prakash Vemuri, Kolluru V.L. Subramaniam
149	339	[ADCS]	A study on behaviour of steel fiber reinforced concrete slab on different soils using plaxis 3-D	Sakshee Gupta, Y.D.Patil, J.B.Patel,
150	341	[WEE]	Dynamic Analysis of a G+3 building using codal method & Time history method	Anibrata Pal, M J Visali
151	343	[NBMSC]	A study on properties of copper slag as partial replacement of fine aggregate with different percentages in concrete	J.Ushakranti, K.Srinivasu and A.Nagasai
152	345	[ADSS]	Nonlinear progressive collapse analysis of steel frames using abaqus	Mohamed A. Galal, Atul K. Banik
153	349	[ADCS]	Ultimate strength prediction of concrete filled steel tubular columns	Lemya Musthafa, Sunitha Rani C.M., Smitha.K.K
154	350	[SNCE]	Dynamic analysis of a three legged articulated offshore structure using ansys aqwa	Anitha Joseph ,Sai Nath S ,Chinsu Mereena Joy
155	351	[CMS]	Flexural Behaviour of Hybrid Fibre Reinforced Concrete with Steel and Carbon Fibres	Subi S, Sulphia Beevi
156	352	[VCSS]	Mitigation of Structural Pounding by the Tuned Mass Damper	Mrinmoy Das, Aparna (Dey) Ghosh
157	354	[SHM]	Experimental Studies on Slab Deck Type Bridge under Traffic Induced Vibration	Sameer G Patel, Gaurang R Vesmawala
158	356	[CAPE]	Evaluation of IS-1893 Based Design Using the Performance Based Earthquake Engineering Framework	G Bharat Reddy,B Radhika
159	357	[ADCS]	Equations to Evaluate Period of Vibration in Seismic Analysis	Prakash Sangamnerkar, Dr. S. K. Dubey
160	358	[NBMSC]	Is reactive silica a true representation of reactivity of fly ashes?	Satya Medepalli & Shashank Bishnoi

161	360	[ADSS]	Topology Optimization of Steel Girders Subjected to Thermal and Mechanical Loads	Satya Shrivastav, Gaurav Srivastava
162	367	[CMS]	A Three-dimensional Numerical Model for Failure Behavior and Bearing Strength Analysis of Multi-Bolt FRP Composite Joints	Bibekananda Mandal, Anupam Chakrabarti
163	369	[SVTS]	Dynamic behaviour of turbo machinery foundation subjected to kathamandu earthquake loading	Sungyani Tripathy , Atul K Desai
164	371	[ADSS]	Moment Rotation Response for Semi Rigid Connections	Venkatesh P, A Y Vyavahare
165	373	[CSM]	Empirical Relationship between Modulus of Elasticity and Compressive Strength of Brick and Block Masonry	Chaitra K, MangalaKeshava, Nalina M M
166	374	[CSM]	A new elastic constitutive relation for plain concrete	C. Gokulnath , U.Saravanan
167	375	[WEE]	Along Wind Response of Communication Tower	Nikhil Dhandar, A Y Vyavahare
168	378	[HA]	A Predictive Model for Ground Motion Parameters Using Artificial Neural Network	Dhanya J. , Dwijesh Sagar and STG. Raghukanth
169	379	[HA]	Effect of Topography on Earthquake Ground Motions	Anjali Dhabu, Dhanya J, STG. Raghukanth
170	380	[NBMSC]	Potential of Stone Dust Waste as Partial Cement Replacement	Sreejith Krishnan, Vineet Shah, Antara Choudhary and Shashank Bishnoi
171	381	[SHM]	Handling Environmental and Operational variations in Structural Health Monitoring	K. Lakshmi and A. Rama Mohan Rao
172	390	[DPDS]	Corrosion Performance of Steel in Self-Compacting Concrete Exposed to Chloride Environment	Smrati Jain and Bulu Pradhan
173	394	[ADCS]	Numerical Study on Flexural Capacity of Biaxial Hollow Slab	Sagadevan R and Nageswara Rao B
174	398	[RRRS]	Rehabilitation of Post tensioned Flat slab affected by Fire	Prabu D, Satish R Vachhani, Kannan L S,
175	401	[ADCS]	Dynamic time history response of shear wall under earthquake ground motion	Muthukumar G and Manoj Kumar
176	403	[CSM]	Static Analysis of Functionally Graded Piezoelectric Plate	Sameer Sawarkar, Sandeep Pendhari, Yogesh Desai
177	406	[SHM]	Gaussian Patterns of Chloride-Induced Corrosion Damages in Rebars	S. Muthulingam
178	407	[HS]	Advanced NDT for Condition Assessment of a Masonry Heritage Structure	Bhaskar, S. and K. Ramanjaneyulu

179	408	[SHM]	NDT for Identification and Estimation of Rebar Diameter and Cover Thickness in Reinforced Concrete Elements	Bhaskar, S. S. Vasanthakumar K. Ramanjaneyulu and K. Sivasubramanian
180	409	[DPDS]	Comparative Evaluation of Durability Parameters of Concretes with Manufacturing sand (M-sand) and River sand (R-sand)	Bhaskar, S., G. Ramesh, B. H. Bharatkumar and K. Ramanjaneyulu
181	411	[ADCS]	Issues on Design Shear Strength of RC Deep Beams	J. Leon Raj, G. Appa Rao
182	412	[CAPE]	Seismic Fragility Analysis of Buildings on Steep Slopes	Mitesh Surana, Yogendra Singh and Dominik H. Lang
183	415	[BSBIL]	Development of site specific attenuation relationship for underground blasting	Saheli Ray, Saha Dauji, and Kapilesh Bhargava
184	416	[ACTP]	Behavior of Fibrous Reinforced Concrete Systems Subjected to Monotonic and Cyclic Loading	Kasilingam Senthil., K.S. Satyanarayanan and S. Rupali
185	419	[SHM]	Influence of curing on Acoustic Emission characteristics of plain concrete subjected to uniaxial compression	K P Sreejaya , Isha Narsaria, Richa Priyadarshi, and R.Vidya Sagar
186	421	[SHM]	Fibre Optic Sensors for Corrosion Monitoring of Reinforcement in Concrete Structural Elements	K.Kesavan, S.Parivallal and B.Arun Sundaram
187	422	[ADCS]	Assessment of the Inelastic Design of Fibre Reinforced Concrete Pavements	Sunitha K Nayar and Ravindra Gettu
188	423	[RRRS]	Strengthening of Prestressed Girder with External Prestressing Force	S. Saibabu, P. Srinivasan and J. Prabhakar
189	425	[RRRS]	Behavior of FRP Strengthened Concrete Columns under Pure Compression- Numerical and Experimental Study	M. Chellapandian , S. Suriya Prakash
190	426	[WEE]	Real-time Hybrid Simulation using Electromagnetic Shaker	Mohit Verma and J. Rajasankar
191	427	[SHM]	Response Surface Method for Structural Identification of Reinforced Concrete Beam	V. Srinivas , N. Poornima
192	429	[ACTP]	Building without Formwork Concept for Shaping and Designing of Textile Reinforced Concrete	Smitha Gopinath , A.Ramachandra Murthy
193	430	[NBMSC]	Effect of Nanosilica and Microsilica on Flexural and Bond Strength of Reinforced Concrete	Lincy Varghese, VVL.Kanta Rao and Lakshmy Parameswaran
194	431	[NBMSC]	Recycled Aggregate Concrete: Particle Packing Method (PPM) of Mix Design Approach	Subhasis Pradhan, Sudhirkumar V Barai

195	432	[NBMSC]	Efficiency of hydrophilic and hydrophobic chemicals as self curing compounds in self compacting concrete	M. Sri Rama Chand, P. Rathish Kumar, P.S.N.R. Giri, G. Rajesh Kumar
196	433	[ADCS]	Creep and Shrinkage models for Concrete: Comparative Study	M. N. Shariff and Devdas Menon
197	434	[BSBIL]	Effect of Internal Blast on Reinforced Concrete Framed Building with Masonry infills	Mayur. P. Baxani, J. Rajasankar, N. Anandavalli, S.P. Purohit
198	435	[WEE]	Study of Earthquake Forces by Changing Location of Lift Core	Shashwati Sanjay Vahadane, Manoj A. Baraskar
199	436	[RRRS]	A Numerical Study on the Behaviour of Reinforced Concrete Slab Strengthened with FRP Laminates using Finite Element Approach	Shit Falguni, Roychowdhury Subhashish
200	437	[ADSS]	Steel-Concrete Composite Construction in Indira Pariyabaran Bhawan at New Delhi - A Case Study	Arijit Guha
201	439	[FF]	Numerical investigations to evaluate the size dependent fracture properties of concrete with different compressive strength	M. Bhavya, T. Hemalatha and Saptarshi Sasma
202	441	[CMS]	Analysis of Laminated and Sandwich Shells Using a Higher-Order Layerwise Theory	Shashank Pandey and S. Pradyumna
203	445	[SVTS]	Dynamic behaviour of freestanding spent fuel trays-stack without base locator during earthquake event	Binu Kumar, O P Singh, G R Reddy, K M Singh, K Agarwal, N Gopala krishnan
204	446	[ADCS]	Detailing of Stirrup Reinforcement along the Span and Across the Width of Reinforced Concrete Beams	D. S R. Murty , G. Papa Rao
205	447	[WEE]	Dynamic characteristics of open ground storey rcframe building retrofitted with shear wall	MADHESWARAN C K, TAYYAB ADNAN H, GOPALAKRISHNAN N, PRAKASHVEL J and SATHISHKUMAR K
206	451	[ADSS]	Behavior of Stainless Steel Beam-Column Bolted Connection	B. M. DAWARI, V. S. BHAVSAR and B. R. INANI
207	452	[CAPE]	Ultrasonic Pulse velocity method for evaluation of concrete Quality-limitations and Critical Analysis	Vimal Mohan, P. Srinivasan & S. Saibabu
208	453	[ADCS]	Pylon shape analysis of Cable Stayed Bridges	Sharath R., Ingle R.K.
209	455	[WEE]	Performance of precast beam to beam connections under cyclic loading	R.Vidjeapriya, K.P. Jaya , B.Praveenkumar

210	456	[RRRS]	Retrofitting of bridges affected during seismic activity	VINAY GUPTA
211	457	[FF]	Numerical Investigation on Fatigue Response of Fiber Reinforced Composites	Rahul Deb Pal, Saptarshi Sasmal
212	458	[CMS]	Characterization of interfacial debonding in cementitious composite: A multiscale cohesive zone approach	Rohit Raju Madke, Souvik Chakraborty, Rajib Chowdhury, F. L. Scarpa
213	459	[NBMSC]	Fire Retardant and Energy Efficient Rigid Polyurethane Foam: Excellent Core Material for Composite Panels	Harpal Singh
214	460	[CAPE]	Experimental and Numerical Investigations on Flexural Deficient and CFRP Strengthened RC Beams	Nawal Kishor Banjara and K. Ramanjaneyulu
215	461	[SHM]	Experimental Study towards Damage Detection of Reinforced Concrete Beams using Acoustic Emission Techniques	Nawal Kishor Banjara, Saptarshi Sasmal and V. Srinivas
216	462	[CAPE]	Seismic damage evaluation of indian code designed rc buildings using non linear static method	Santanu Paul, Lipika Halder
217	464	[ADCS]	Evaluation of Minimum Flexural Reinforcement in Design of Reinforced Concrete Beams	Nagesh H.E, G Appa Rao
218	465	[DPDS]	Stochastic Analysis of Creep of Concrete through Multiscale Modelling	M.B.Anoop, K. Balaji Rao
219	467	[ADCS]	Various aspects of proportioning reinforced concrete two pile caps	D. Sree Rama Chandra Murty, P. Dinakar
220	468	[CSM]	Uncertainty Analysis of Hygro-Thermo-Mechanical Behaviour of Concrete	V. Svetha, Ananth Ramaswamy
221	469	[CAPE]	Seismic Fragility of Reinforced Concrete Frames with Vertical Irregularities	T. Choudhury and H. B. Kaushik
222	470	[ADCS]	Comparative study of flat slab-column connection techniques for seismic loading	Aastha Mahajan, Ratnesh Kumar and Onkar G. Kumbhar*
223	471	[MSNH]	Seismic Vulnerability Assessment of Open Ground Storey Buildings	G.V. Rama Rao, N. Gopalakrishnan, K. Sathish Kumar
224	472	[CMS]	Shear lag effect on buckling stress of FRP box beams	Kasiviswanathan. M, Akhil Upadhyay
225	473	[VCSS]	Seismic Response Control of Bridges Using Semi-Active Control System	R.P. Wanjari and Dr. S.V. Bakre

226	474	[CSM]	Prediction of Compressive Strength of Concrete: Machine Learning Approaches	Dipro Dutta, Sudhirkumar V Barai
227	476	[SHM]	Effect of Road Surface Roughness on Extraction of Bridge Mode shapes by Moving Vehicle	Sarathkumar T, B N Rao
228	477	[WEE]	Latency of IS 875(Part-3):2015 Provisions on Low Rise Buildings	B.Santhosh kumar , Balaji,KVGD, Chandan kumar Patnaikuni
229	478	[CAPE]	Carbonation studies on concrete containing bottom ash as replacement of sand	P. Srinivasan
230	479	[NBMSC]	Experimental Investigations on Creep and Shrinkage of OPC and Fly Ash Concrete	G S Vijaya Bhaskara, M B Anoop and K Balaji Rao
231	480	[SNCE]	Interaction of a Flexible Splitter Plate with Vortex Shedding Past a Rigid Circular Cylinder	Chandan Bose, S. Krishna Kumar, Sunetra Sarkar & Sayan Gupta
232	481	[VCSS]	Seismic Protection of Adjacent Structures Connected by Lead Extrusion Damper	B. B. Shobhana, C. C. Patel
233	482	[NBMSC]	Stress-Crack Opening Relationship for Steel Fiber Reinforced Geopolymer Concrete using Inverse Analysis	S. Sundar Kumar, Bhashya V., K. C. Pazhani and K. Ravisankar
234	484	[VCSS]	Dynamic Performance of Tuned Sloshing Water Damper Equipped in Symmetric Building Frame	C. M. Asodariya, C. C. Patel
235	485	[WEE]	Seismic Performance of Viscous Damper Connecting Adjacent Structures Supported on Different Types of Soil	M. H. Chag, C. C. Patel
236	486	[SHM]	A model free approach to forewarning flutter instability using entropy measures	J. Venkatramani, Sayan Gupta, Sunetra Sarkar
237	487	[CAPE]	Effect of soil-foundation nonlinearity on capacity spectrum of a rc building with isolated footings	Dhiraj Raj, Yogendra Singh
238	488	[CMS]	Performance of New Hybrid-Fibre Engineered Cementitious Composites with Polymeric and Metallic fibres	R.Krishnaraja, S.Kandasamy
239	489	[DPDS]	Durability of Fly Ash Added Reinforced Concrete in Chloride and Composite Chloride-Sulfate Environment	Arya Anuj Jee , Bulu Pradhan

240	490	[ADCS]	Comparative Study of 1D and 2D Simulation Models of Hollow RC Bridge Columns under Reversed cyclic loads	Vijay Kumar Polimeru, Abhideep Sahu, Arghadeep Laskar
241	491	[SNCE]	Structural Design of 32m Diameter Parabolic Dish for Biogas-Solar Hybrid Power Plant	R. K. Verma, M. K. Agrawal & G. R. Reddy
242	492	[VCSS]	Characterization of Lead Extrusion Damper at Different Temperatures	R. K. Verma, P. N. Dubey, M. K. Agrawal & G. R. Reddy
243	494	[NBMSC]	A Study on Compressive Strength and Corrosion Behaviour of Reinforcing Steel in Chloride Contaminated Fly Ash Based Geopolymer Concrete	Sathishraj Mani, Bulu Pradhan
244	495	[ADCS]	Comparative Study of Different Foundation and Side Wall Systems for Large Storage Tanks	T.Pavan Kumar, G.Papa Rao, P.Veerabhadra Rao
245	496	[NBMSC]	Bilinear tension softening parameters of ultra-high performance concrete for different fiber volumes	Prabhat Ranjan Prem, A.Ramachandra Murthy and V. Bhasya
246	497	[RRRS]	Strength based model for RC beams retrofit with UHPC	Prabhat Ranjan Prem and A.Ramachandra Murthy
247	498	[NBMSC]	Effect of Three Different Particle Sized Calcium Carbonate on the Properties of High Strength Concrete	S. Maheswaran, A. Ramachandra Murthy, V. Ramesh Kumar and Arthi Jeni
248	500	[NBMSC]	Effect of GGBS on Mechanical Properties of Ultra High Strength Steel Fibre Reinforced Concrete	P Ganesh, Smitha Gopinath, A Ramachandra Murthy
249	501	[CMS]	Study of mechanical properties of hsscc with varying packing factors	G.Jyothi Kumari, M.V.Seshagiri Rao, ESTR Chandrasekhar.B
250	502	[CMS]	Flexural Behavior of Concrete Sandwich Panel under Punching Load and Four-Point Bending – Experimental and Analytical Study	J. Daniel Ronald Joseph, J. Prabakar, P. Alagusundaramoorthy
251	505	[CMS]	Comparison of stud and channel type shear connector in composite bridges using ansys	Vinitha P
252	507	[CSM]	Numerical study of the effect of boundary conditions on buckling behaviour of flat oval LDSS stub column under axial compression	KHWAIRAKPAM SACHIDANANDA, KONJENGBAM DARUNKUMAR SINGH
253	510	[SVTS]	Free Vibration Analysis of Functionally Graded Plates Using New Discrete Kirchhoff Quadrilateral Element Based on Reddy's Third Order Shear Deformation Theory Under Thermal Environment.	G.A.Deshpande, S.D.Kulkarni

254	511	[NBMSC]	Experimental Study on Synthetic and Natural Fibers in Ferrocement Panels	Rahima Shabeen S, Kaviya Meena A M
255	512	[VCSS]	Experimental Investigation of the Effect of Temperature on the Characteristics of MR Damper	C. Bharathi Priya, N. Gopalakrishnan
256	514	[NBMSC]	Normal high and ultra high strength geopolymer concrete using micronized biomass silica	Ambily P.S.
257	517	[SHM]	Vibration-based Health Monitoring and Damage Detection of Steel Beam	Prince Thankachan, Rajeev Kumar Garg, Amal Raj
258	519	[CSM]	ITZ Modelling in Concrete at the Mesolevel for Static Response Analysis	Thirumalaiselvi A, Anandavalli N
259	520	[RRRS]	Strength Behaviour Using Analytical Study of Micro Concrete Strengthened Lamellar Column	Gole Arjun M., Narule Giridhar N.
260	521	[ADCS]	Influence of Shear Core Curtailment on the Structural Response of Core Wall Structures	Nishant Rathi, G. Muthukumar, Manoj Kumar
261	522	[DPDS]	Compression strength of steel stepped tubular members subjected to accelerated corrosion and elevated temperature	Cinitha.A, P.K.Umesha and G.S.Palani
262	523	[RRRS]	Cyclic Performance of Damaged RC Frames Strengthened using Metallic Yielding Dampers	Romanbabu M. Oinam, Dipti Ranjan Sahoo
263	524	[ADSS]	Behaviour of Cold Formed Steel Modified Channel Sections under Eccentric Compressive Load	Rahima Shabeen S, Gowtham S
264	525	[VCSS]	Sliding mode control of structures using magnetorheological elastomer based seismic isolators	K.Balamonica, K.Sathish Kumar, and N. Gopalakrishnan
265	527	[ADSS]	SVM Based Analysis of Block Shear Strength of Tension Members	Ankamreddi Satyaveni, V.Naveen kumar, Venkat Lute, CH. Suryanarayana
266	529	[MSNH]	Cyclic Behavior of Retrofitted Reinforced Concrete Coupling Beams	Romanbabu M. Oinam, P. C. Ashwin Kumar, Dipti Ranjan Sahoo
267	530	[ADCS]	An experimental study on mechanical properties of ggbs based geopolymer concrete cured at ambient temperature	V.Ramya priya, G.Madhuri
268	531	[ADCS]	Behaviour of Wind Loaded Reinforced Concrete Natural Draught Cooling Tower Shell	K. Ramanjaneyulu

269	532	[ADSS]	Ready reckoner for bracket and column splices	Vanapalli Naveen Kumar, A.Satyaveni, Venkat Lute
270	533	[SHM]	Structural Health Assessment of Typical Railway Bridges	K. Ramanjaneyulu, V. Srinivas, Saptarshi Sasmal, S. Parivallal, and K. Kesavan
271	535	[NBMSC]	Development of Cost Effective Water Tanks using Flowable Cementitious Composite	J. Prabakar, and J. Daniel Ronald Joseph
272	537	[NBMSC]	Study on Strength Reduction Factor of Blended Concrete Exposed to Sea Water	T. Jena, K. C. Panda
273	538	[BSBIL]	Analytical Model for Failure of Clamped Beam Subjected to Projectile Impact	Subhajit Sen, Amit Shaw
274	539	[SHM]	Damage Location in Plate Structure with Curvature Mode shape Based Damage Indices	V. B. Dawari, G. R. Vesmawala, Aniket Patil
275	540	[SHM]	Structural Damage Detection of Reinforced Concrete Slab Using Modal Characteristics	V. B. Dawari, A. A. Pawar, G. R. Vesmawala
276	544	[ADCS]	Assessment of Strut-and-Tie Methods to Estimate Ultimate Strength in RC Corbels	Adrija D, Indu Geevar, Devdas Menon
277	545	[VCSS]	Dynamic Response Control of Offshore Platform Using Tuned Mass Damper	Gaurav Damle, Sachin Bakre
278	548	[ADSS]	Assessment of Rigidity in Cold Formed Steel Beam-Column Bolted Joints using Finite Element Method	Rao. S. Gollapudi, Rajasekhar. K
279	549	[ADSS]	Analysis and Design of Extra-Dosed Cable-supported Roofs	Satish Kumar S R and Mayank Rastogi
280	550	[VCSS]	Seismic strengthening of Open-ground storey RC Frame Building using Friction Damped Braces	Ajinkya Deshmukh and S.V. Bakre
281	551	[HA]	Generation of Synthetic Ground Motion for a Hard Rock Site in Intra Plate Region	Ravi Kiran, S. Bandopadhyay, M. K. Agrawal and G. R. Reddy
282	552	[NBMSC]	Feasibility study of using Biomass Fly Ash in Geopolymer concrete	P.S. Ambily and K.S. Dharma
283	553	[MSNH]	Study of Failure Behaviour using Seismic Vulnerability analysis of Urban Bridges due to Liquefaction	Kashif Quamar Inqalabi , R.K. Garg and K. Balaji Rao
284	556	[NBMSC]	Influence of Fly Ash and Silpozz on the Concrete Containing Crusher Dust as Sand Replacement Material	S. Jena, K. C. Panda
285	557	[NBMSC]	Effect of treated recycled aggregate on polypropylene fibre reinforced concrete	Nazrin Nazar, Prof. A.Nizad

286	559	[ADCS]	Influence of type of shear connector system on the flexural behaviour of concrete composite slabs	A.Kanchana Devi , K.Ramanjaneyulu , V.Srinivas
287	560	[CMS]	Partial Shear Interaction in Steel Concrete Composite Bridge Girders: Parametric Study	Madhusudan G. Kalibhat, Akhil Upadhyay
288	561	[WEE]	Estimation of peak factors for tall buildings subjected to wind induced pressures	M. Keerthana, P. Harikrishna
289	562	[CAPE]	Condition Assessment and Rehabilitation Measures for Fire Damaged Reinforced Concrete Supporting Structure of a Furnace	Bhaskar, S. K. Ramanjaneyulu A. Kanchanadevi S. Saibabu
290	563	[NBMSC]	Response of rc structural elements by using laced reinforcement	V. Sai venkata ramanjaneyulu, Dr. G. Papa Rao
291	564	[NBMSC]	Influence of Metakaolin and Silpozz on development of High Strength Concrete	P. Sarangi, K. C. Panda
292	565	[ADCS]	Flexural behaviour of concrete composite slabs with truss type shear connector of different orientations	A.Kanchana Devi , K.Ramanjaneyulu, V.Srinivas
293	566	[WEE]	Seismic behavior of beam-column sub-assemblages designed according to different evolution stages of design philosophies	A.Kanchana Devi and K.Ramanjaneyulu
294	567	[SHM]	Development of wireless sensor system for remote structural health monitoring applications	B. Arun Sundaram, S.Parivallal, K.Kesavan and A.K.Farvaze Ahmed
295	568	[NBMSC]	Effect of Silpozz on Fresh and Hardened Properties of Recycled Aggregate Concrete	K. C Panda
296	570	[ADCS]	Effect of Corrosion on Seismic Performance of 2D RCC Frames	T Nagender, Y M Parulekar, G R Reddy
297	571	[HA]	Stochastic peak ground velocity prediction equation for Andaman-Nicobar region	Prabhu Muthuganeisan, S.T.G. Raghu Kanth, B. Nageswara Rao
298	573	[SHM]	Structural Health Monitoring of Nuclear Facility	T Nagender, Y M Parulekar, G R Reddy
299	576	[WEE]	Study of Base Isolated Structure on Liquefiable Soil	Kalyani Bhide, Manisha Waghmare
300	577	[NBMSC]	Influence of Particle Packing Method on Sustainable Concrete Using Fly Ash and Recycled Aggregates	Sushree Sunayana, Sudhirkumar V Barai
301	578	[SVTS]	Free Vibration Analysis of Isotropic Cylindrical Skew Shell Using A Four node Discrete Kirchhoff Quadrilateral Element	V.A.Dagade, S.D.Kulkarni
302	579	[CSM]	High Temperature Effects of Self Compacted Concrete	D.Harinadha Reddy,Ananth Ramaswamy

303	581	[VCSS]	Seismic Control of 9-Storey Benchmark Building using Distributed Tuned Mass Dampers	Ruban Sugumar
304	582	[ADSS]	Semi-elliptical Idss hollow stub columns under axial compression	Tekcham Gishan Singh, Konjenbam Darunkumar Singh
305	583	[ADCS]	Tensile membrane action in simply supported rc slabs	Bijily Balakrishnan, Devdas Menon
306	584	[WEE]	Soil Structure Interaction on Building Frame under Earthquake Loading	Subhra De, Nirjhar Dhang
307	588	[BSBIL]	Crushing analysis of tapered circular corrugated tubes subjected to impact loading	Sharad Rawat , A.K. Upadhyay , K.K. Shukla
308	589	[CMS]	Bond behaviour of externally bonded frp under cyclic loading	G. Ramesh, Ravindra Gettu and B.H. Bharatkumar
309	590	[NBMSC]	Glass Fibre Reinforced Gypsum Panels for Sustainable Construction	Philip Cherian, Gouri Krishna S R, Devdas Menon, A Meher Prasad
310	591	[WEE]	Effect of Noise on Vortex Induced Vibrations of Circular Cylinders	M. S. Aswathy, Sunetra Sarkar
311	592	[CAPE]	Partial Factors for Safety Assessment of T-Girder of RC Bridges Subjected To Chloride Induced Corrosion against Shear Limit State	Yogalakshmi N J, K Balaji Rao, M B Anoop
312	593	[ADCS]	Locations of Balance Points on Design and Actual P-M Interaction Curves for RC Sections	Piyush Mehta, Sumit Kumar, Vikash Kumar, Sunil Bandawala, Kaustubh Dasgupta
313	594	[WEE]	Seismic Response of Exterior RC Slab-Shear Wall Assemblage Using Non-Linear Static and Dynamic Analyses	Snehal Kaushik and Kaustubh Dasgupta
314	595	[CSM]	Single brace shear fuse for seismic retrofit of deficient concrete structures-Proof of concept	Saptarshi Sasmal
315	596	[WEE]	Seismic fragility of existing rcc frame buildings using pushover analysis	Mahesh Babu Addala, G G Srinivas Achary and SVR Subramanyam
316	598	[WEE]	Seismic earth pressure computation: redistribution principle theory	Amol Maskar, Suhasini Madhekar
317	599	[WEE]	Pushover Analysis of RCC frames based on Stress-strain model of Concrete in IS:456-2000	Soumyan K , Deepa Balakrishnan
318	602	[CMS]	Experimental Study on the Behaviour of FRP Confined RCC Columns	R.Balamurugan, K.Chinnaraju
319	605	[CSM]	Two-dimensional mesoscale compressive damage analysis of CT images of a concrete cube	Vinay Kumar. S and Nirjhar Dhang

320	606	[CSM]	Flutter Reliability Studies of a Swept Back Plate	G.Shanthini, A.C. Pankaj, M.Manjuprasad
321	608	[NBMSC]	Properties and Behaviour of Lime sludge based Cement Composites	Ramkumar V R & K Chinnaraju
322	610	[ADSS]	Elliptical Hollow Section Steel Cantilever Beams Under Extremely Low Cycle Fatigue Major Axis Bending Load using Finite Element Analysis	Perumālla Venkata Rāma Narendra, Konjenbam Darunkumar Singh
323	611	[NBMSC]	Investigation of mechanical properties of Engineered Cementitious Composites for the Development of Alternatives to Conventional Concrete for Sustainable Infrastructures	Sutapa Deb, Nilanjan Mitra, Swati Roy Maitra, Subhasish Basu Majumder
324	612	[NBMSC]	Compatibility studies on Super Plasticizer with OPC 53-S Cement	M.Divya Tejaswi , N. Rama Krishna , Dr.M.Kishore Kumar
325	613	[NBMSC]	Recycling of Plain Cement Concrete Waste	Prasad Vadnere, Isha Shah
326	617	[DPDS]	Combined Effect of Chloride and Sulfate Ions on Steel Reinforcement Corrosion in Contaminated Concrete	Fouzia Shaheen and Bulu Pradhan
327	618	[NBMSC]	High Temperatue Studies on the Effect of Addition of Zirconia in Alkali Activated Fly Ash (geopolymer) and Fly Ash Blended Ordinary Portland Cement Mortar	Sivasakthi M, Jeyalakshmi R, Rajamne N P, Revathi , Dhinesh M
328	619	[ADSS]	Assessment of Load Carrying Capacity of Thin-webbed Castellated Beams	Cyril Thomas A and Baskar K
329	620	[CSM]	Non-linear static analysis of offshore j lay risers using finite element method	Madhuri. S., Narendra Kumar. B., K. Venkateswara Rao
330	622	[BSBIL]	Numerical Simulation of Underwater Explosion at Near Free Surface	Eswaran M, and GR Reddy
331	627	[ADCS]	Analysis of natural draught hyperbolic cooling tower for wind loading	S.Suganya , R.Jeyalakshmi , N.P.Rajamane
332	629	[NBMSC]	Durability of alkali activated slag based geopolymer concrete against acid attack	Sk. Munaf, G. Madhuri
333	631	[CMS]	Simulated nanoindentation technique for evaluating the phase properties of cement during hydration	Gautham.S, B.S. Sindu, Saptarshi Sasmal
334	633	[WEE]	Importance of Inclusion of Soil Structure Interaction Studies in Seismic Design of RC Frames	Nishant Sharma, Kaustubh Dasgupta _and Arindam Dey

335	638	[WEE]	Dynamic Analysis of Circular Elevated Water Tower by Considering Two-way Fluid-Structure Interaction	Rohit K, Eswaran M, GR Reddy and S. Wadhwa
336	639	[NBMSC]	Mechanical and Dynamic Properties of Fiber Reinforced Geopolymer Concrete	D. Ravi Prasad
337	642	[WEE]	Effect of Soil flexibility on Indian Code Designed RC Buildings	R. Barman, and L. Halder
338	643	[VCSS]	Seismic Response of Single Degree Of Freedom System with Shape Memory Alloy Damper	Thamaraiselvi.K, Gopalakrishnan.N
339	644	[ADCS]	Experimental study of bond strength of Fly Ash based Geopolymer Concretes	C. Boopalan
340	650	[ADSS]	Feasibility Analysis of Unique Temporary Structure using Light Hollow Steel Sections, Ensuring Structural Stability and Architectural Aesthetics	Ajith Parambi Sebastian, Sivaprasad K V
341	652	[ADSS]	Comparative Study on Transmission Poles with ACSR and AAA Conductors to Aid in Developing Universal Pole Designs	Rassal Karim, Gijo John George
342	653	[ADCS]	Effect of skewness on shear lag effect in rc box girder bridges	Manoj Kumar, Nitin Gulhane and Tanmay Gupta
343	658	[NBMSC]	Stress Strain Behaviour of Tie confined Geopolymer Concrete	M Venu, T D Gunneswara Rao
344	659	[NBMSC]	A Study on Flexural Behavior of Geopolymer Based Ferrocement	T Chaitanya Srikrishna, T D Gunneswara Rao
345	662	[VCSS]	Seismic Response Control of Building with Flexible Foundation Using Tuned Mass Dampers	S. Elias, V. A. Matsagar
346	663	[NBMSC]	A Study on the strength and performance of Geopolymer Concrete subjected to Elevated temperatures	G.Mallikarjuna Rao, T.D. Gunneswara Rao, M. Siva Nagi Reddy, D.Ramaseshu
347	664	[ADSS]	Seismic Behaviour of Steel Frames with cold-formed Rectangular Hollow Sections by performance based design	R.Murugan and Dr.S.R. Satish Kumar
348	665	[DPDS]	Durability of Alumina Silicate Concrete based on Slag / Fly Ash Blends against Corrosion	R.Gopalakrishnan, K.Chinnaraju
349	668	[CSM]	Estimation of Modal Characteristics of a Reduced Order Fluid Structure Interaction System	Hridya P Lal, W.Dheelibun Remigius,Sayan Gupta,Sunetra Sarkar

350	669	[WEE]	Comparison of Natural Vibration Characteristics of Integral Abutment Bridge With and Without Soil Structure Interaction	Sreya Dhar, Kaustubh Dasgupta
351	670	[BSBIL]	Influence of Fluid-Structure Interaction in the Dynamic Response of the Free Standing Submerged Cluster Members under Transient Loading	R. Suresh Kumar, K. Velusamy and P. Puthiyavinayagam
352	672	[DPDS]	Assessment of Response Reduction Factor for Reinforced Concrete Frame Buildings in a Probabilistic Seismic Risk Framework	Prakash Singh Badal and Ravi Sinha
353	673	[CAPE]	Estimation of Residual Crack Width in RC Frame Members with Seismic Damage	Saurabh Shiradhonkar, Ravi Sinha
354	674	[CAPE]	Influence of Random Variation of Material Properties on Inter-Story Drift of RC Frame Buildings	Ashish Sapre and Ravi Sinha
355	675	[CAPE]	Influence of Corrosion on the Seismic Vulnerability of a Low Rise Poorly Constructed RCC Building	Jenson Daniel, Ravi Sinha
356	676	[NBMSC]	Polypropylene Fibres for Enhancing Performance of Slag based Engineered Cementitious Composites	URMIL VATSALBHAI DAVE, Nagesh Mehta
357	677	[DPDS]	Comparative Study of Normal & High Strength Concrete against the Effect of Elevated Temperatures	URMIL VATSALBHAI DAVE, HARSH BHADJA
358	679	[SHM]	Seismic Signal Analysis of designed FBG Accelerometer	Umesh Tiwari, Ripul Ghosh, Vipender Negi, Aparna Akula, Amit Pandey, Ashish Gaurav, Satish Kumar
359	681	[SHM]	Time-frequency Analysis of Vibration Signal for Structural Health Monitoring	Ripul Ghosh, Sandeep Singh, Aparna Akula, Satish Kumar, H K Sardana
360	683	[BSBIL]	Studies on Low Velocity Impact Behaviour of Fibre Reinforced Cementitious Composite Structural Elements	Amar Prakash, Anandavalli N., Rajasankar J.
361	684	[WEE]	Evaluation of Sloped Bottom Tuned Liquid Damper for Mitigation of Seismic Response of Frame Structure	G R Patil K D Singh B Nanda
362	686	[ADCS]	Stress in Unbonded Tendons for Post-tensioned Concrete Members - Assessment of Prediction Equations and Experimental Investigation	R.Manisekar and K.Saravana Kumar
363	687	[BSBIL]	Numerical Investigation on the flexural performance of Laced Steel Concrete Composite (LSCC) one-way slab system	Gobinath G, Mohit Verma and Anandavalli N
364	689	[FF]	Investigations on Static and Fatigue Behaviour of Concrete Beams Reinforced with GFRP Rebars	P. Gandhi, DM. Pukazhendhi, S. Vishnuvardhan, M. Saravanan and G. Raghava

365	690	[WEE]	Comparison of Sliding Displacement of Free-Standing Flexible Structure under Earthquake Load estimated by ASCE/SEI & Time History Analysis	R. K. Verma, M. K. Agrawal & G. R. Reddy
366	691	[CMS]	Flexural Behaviour of Steel-Foam Concrete Composite Panels	Prabha P, Palani G.S and Senthil R
367	692	[DPDS]	Degradation Kinetics of Cement-based Materials in Citric Acid	Ramaswamy K. P., Manu Santhanam
368	696	[WEE]	POD of Fluctuating Pressure for a High Rise Building Model	Vishnu Pradeesh, Selvi Rajan
369	698	[CSM]	A Simple NURBS Finite Element for 2D Sloshing Analysis	Mrityunjoy Mandal , Shaikh Jahangir Hossain
370	699	[FF]	Fracture Studies on Circumferentially Cracked Bi-Metallic Pipe Weld Joints under Quasi-static Cyclic Loading	S. Vishnuvardhan, G. Raghava, M. Saravanan, P. Gandhi
371	702	[DPDS]	Experimental studies on galvanically corroded steel angle members	Cinitha.A, P.K.Umesha,G.S.Palani
372	704	[ADSS]	Design, development and Characterization of Buckling Restrained Bracings (BRB) for Seismic Response Reduction of Steel Frames	A. Ravi Kiran, M. K. Agrawal, G. R. Reddy, A. Rama Rao and G. V. R. Rao
373	705	[CSM]	Numerical study on cyclic response of self-centering steel buckling-restrained braces using SMA rods	Ahmad Fayeq Ghowsi, Dipti Ranjan Sahoo
374	706	[WEE]	Wind Tunnel Investigations on a Tall Building with Elliptic Cross-section	A. Abraham, S. Selvi Rajan, P. Harikrishna, G. Ramesh Babu
375	707	[NBMSC]	Performance of Mineral Admixtures on Strength Properties of Ternary Blended Concrete	S. Vijaya Bhaskar Reddy, Dr.P.Srinivasa Rao
376	708	[BSBIL]	Behavior of Plain and Reinforced Concrete slabs subjected to Impact Loading-A Numerical Approach	Ritesh Reddy, Kalyana Rama J S, Chandu Parimi
377	709	[ADCS]	Investigation on Cost-Effective Slab System Having Different Types of Micro Reinforcement	Umesh S.S., Dr. A.V. Pradeepkumar
378	710	[BSBIL]	Uncertainty Modeling of Composite Materials under Low Velocity Impact	Shivdayal Patel, Suhail. Ahmad and Puneet Mahajan
379	711	[NBMSC]	Influence on blended cement on the fresh properties of self compacting concrete incorporating recycled aggregatr	Senthamilselvi.R & Revathi.P
380	712	[CSM]	Computational modeling of cement hydration to evaluate the mechanical and transport properties	Sindu B S, Radha M, Saptarshi Sasmal

381	714	[FF]	Experimental Determination of Stress Field Parameters using Digital Image Correlation	Abhishek Kumar, S. Vishnuvardhan and G. Raghava
382	715	[ADCS]	Statistical Model for Failure Mode of Reinforced Concrete Interior Beam Column Connections Under Seismic Loading	VANDANA R K, BINDHU K R
383	718	[WEE]	Effect of Soil structure interaction on seismic response of framed structure	T.Santhi, K. Muthumani
384	719	[CSM]	Free Vibration Analysis of Composite Beams and Plates Containing Delaminations Using a Quadrilateral Finite Element Based on Third Order Theory	Adnan Ahmed, Santosh Kapuria
385	720	[SHM]	Effect of Temperature on Time Reversibility of Lamb Wave for Structural Health Monitoring	B. Kalwar, J. K. Agrahari S. Kapuria1
386	721	[SHM]	Size Dependent Wave Propagation Response in Nanoscale Beams using Spectral Finite Element Method Incorporating Surface Energy Effects	N. Khandelwal, J. K. Agrahari, and S. Kapuria
387	723	[SNCE]	Structures for Non-Conventional Energy (Solar)	Rams Thalluri, Santhosh B R & Santhanalakshmi S
388	727	[CMS]	Theoretical model for predicting the axial capacity of cfrp-reinforced circular hollow section columns	A.Punitha Kumar, R.Senthil and S.Srishath
389	729	[ADSS]	Evaluation of Seismic Performance of Steel Plate Shear Walls arranged in Staggered Configuration	Abhishek Verma, Dipti Ranjan Sahoo
390	732	[VCSS]	Seismic Response Control of RC Structure Using Viscoelastic Dampers	UP.Vijay
391	733	[RRRS]	Retrofitting of distressed RC beams by external prestressing- Experimental investigations	R.Manisekar
392	735	[WEE]	Numerical Analysis of Seismic Resistance of Elastomeric Bearings in Bridges	S. A. Waseem , R. N. Dubey
393	736	[WEE]	Coherency Model for Dense Seismic Array	Gopala Krishna Rodda and Dhiman Basu
394	737	[WEE]	Cyclic Behavior of Precast Column- Foundation Connection with Base Plate	K.P.Jaya, L.Hemamathi
395	739	[NBMSC]	Flow Characteristics of Polymer Modified Sisal Fibre Reinforced Mortar	S.Priyadharshini, G.Ramakrishna
396	741	[NBMSC]	Steel Fibres as A Partially Replacement for Shear Reinforcement in Reinforced Concrete Beams	Kranti Jain, Bhupinder Singh, Aditya kumar Anupam

397	742	[DPDS]	Diffusion of Chloride ions into Cover Concrete for Service Life Design -some Issues and Conjectures	K. Balaji Rao
398	743	[HA]	Effects of Ground Motion Duration and Scaling Methods on Seismic Performance of Tall Structures	Avik Samanta, Pranjul Pandey
399	745	[ADSS]	Analysis & Design Philosophy Of 470m High Guy Supported Umbrella Structure	C. Suresh Babu Reddy, Rajiv Ranjan, and C. Rathinavel
400	746	[ADCS]	Precast Large Concrete Panel (PLCP) Building System for Tall Buildings - Current Structural Design Challenges	Amit Barde, Rahul Chandrashekar, ChaitaliRathod
401	747	[MSNH]	Jumping Ruptures for Hazard Analysis	Surendra Nadh Somala
402	748	[RRRS]	Flexural behaviour of severely damaged RC beams strengthened with ultra high strength concrete	A. Ramachandra Murthy, P. Ganesh, G. N. Sakthi Priya
403	750	[FF]	Ratcheting Studies on Stainless Steel Straight Pipes and Elbows under Combined Internal Pressure and Cyclic Bending	G. Raghava, M. Saravanan, S. Vishnuvardhan, P. Gandhi
404	751	[VCSS]	Active Vibration Control of Transmission Line Cables	Vishnu Pradeesh L., Rohit Tukaram Gurav, Shaikh Faruque Ali
405	752	[DPDS]	Effect of Paraffin Wax Compound on Self Curing Concrete	M.L.V.Prasad, Hemant.G, Prasenjit.S
406	753	[WEE]	Wind tunnel investigations on performance of strakes under interference case of two steel chimneys in tandem configuration	Ramesh Babu.G., Harikrishna.P., Selvi Rajan.S. and Abraham.A
407	754	[CSM]	Three dimensional analytical solution for isotropic plate with varying material properties in inplane directions using extended kantorovich method	POONAM KUMARI ; AGYAPAL SINGH

408	755	[NBMSC]	Development of Green and Sustainable Lightweight Concrete Blocks	Lakshmikandhan.K.N, Sivakumar.P, Madhumadhi C
409	756	[CSM]	Effect of Support Settlement on the Behaviour of Stone Masonry Arch Bridge	T. P. Vijayalekshmi and Job Thomas
410	757	[SHM]	Evaluation of temperature distribution on rcc beams subjected to elevated temperatures	Anand.N, Samlal Isravel and Prince Arulraj
411	759	[CSM]	Patient-Specific Analysis of Neglected cases of Development Dysplasia of Hip	D.K Agrawal, D Jain, S Ahmad, S.A Khan, A Prasad
412	760	[DPDS]	Control of Shrinkage Cracks in Concrete - Performance Specification, Design Consideration and Construction Practice	T R Subash, B Dhana Sekaran, Manoj Kumar S A, M Ananth
413	761	[ADSS]	Numerical investigations on the block shear capacity of bolted connection in steel sheets	M. Surendran, P. G. Mohaan M. Saravanan V. Marimuthu and G. S. Palani
414	765	[ADSS]	Comparison of seismic response of STMF under different design philosophies	Rajesh Kumar, Dipti Ranjan Sahoo, Ashok Gupta
415	767	[ADSS]	Experimental investigation on channels with reinforced web under tensile loading	Murugesan Saravanan, Surendran Murugesan, Marimuthu Veluchamy, Palani G. S.
416	768	[ADSS]	Methodology for modeling the behavior of self-drilling screw joints	V. Marimuthu, G. S. Palani and S. Kumar
417	769	[ACTP]	Steel fibers as partial shear reinforcement in self compacting concrete	K Praveen, S Venkateswara Rao
418	770	[CSM]	Dynamic Behaviour of Swaged Plates in Water Immersed Condition	GauravVerma, Eswaran M, SamiranSengupta, R C Sharma, ShajiMammen,GR Reddy and S Bhattacharya
419	771	[CSM]	Free Edge Effects in Piezolaminated Composite Panels under Electric Potential Loading	N Dhanesh, Santosh Kapuria
420	773	[NBMSC]	Study and Analysis of GGBS and Fly Ash Based, Alkali Activated Geopolymeric Binders by X-ray Diffraction and Scanning Electron Microscopy	Bag J.K., Paul S.K
421	774	[NBMSC]	Post Peak Energy Absorption Enhancement of Glass Fiber Reinforced Concrete with Effect of Graded fibers	Hanuma Kasagani, C B K Rao