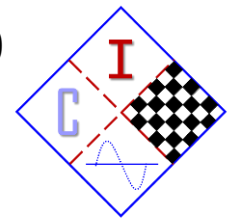




Indian Structural Steel Conference - ISSC 2020

IIT Hyderabad, INDIA

WWW.ISSC2020.COM – January 06 - 08, 2022



ISSC 2020

Program-at-a-glance

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Time	January 06, 2022	January 07, 2022	January 08, 2022
09:00 - 09:30	Inauguration	Preparation/Welcome	Preparation/Welcome
09:30 - 10:00		Keynote session (5-6)	Industrial pitch (15) (15 mins)
10:00 - 10:30			Keynote sessions (8)
10:30 - 11:00	Tea Break	Tea Break	Tea Break
11:00 - 12:30	Keynote sessions (1-3)	Parallel Sessions 3.1 to 3.5	Parallel Sessions 6.1 to 6.5
12:30 - 13:00	Industry pitch (1-2)	Industry pitch (9-10)	Industry pitch (16-17)
13:00 - 14:30	LUNCH BREAK		
14:30 - 15:00	Parallel Sessions 1.1 to 1.5	Keynote session (7)	Keynote sessions (9-10)
15:00 - 15:30		Industry pitch (11-14)	
15:30 - 16:00			
16:00 - 16:30	Tea Break	Tea Break	Tea Break
16:30 - 18:00	Industry pitch (3-8)	Parallel Sessions 4.1 to 4.5	Parallel Sessions 7.1 to 7.5
18:00 - 19:30	Tea Break	Tea Break	Tea Break
19:30 - 20:00	Parallel Sessions 2.1 to 2.5	Parallel Sessions 5.1 to 5.5	Parallel Sessions 8.1 to 8.5
20:00 - 20:30	Keynote session (4)		
20.30 - 21:00	No sessions		Valediction

Keynote Sessions

1. Prof. Leroy Gardner
2. Prof. V Kalyanaraman
3. Prof. Kim Rasmussen
4. Prof. Ron Ziemian
5. Prof. KH Tan
6. Prof. AR Santhakumar
7. Prof. Ben Young
8. Prof. Brian Uy
9. Dr. Tak-Ming Chan
10. Prof. Eiki Yamaguchi

Industry Technical Sessions

1. Mutyam Steel
2. PEBS PENNAR
3. TATA NEST-IN
4. FrameCAD
5. Mitsumi Housing
6. NBMCW - Magazine
7. ARCELORMITTAL/NIPPON STEEL
8. HBM India - Spectris Technologies
9. APL Apollo Steel Pipes
10. Vintech Consultants
11. Agrima Roof and Façade Solutions
12. Kirby Building Systems
13. Tata BlueScope
14. CBMM
15. ZwickRoell
16. JSW Steel
17. RAM Caddsys
18. TATA Steel
19. MeTecno

Schedule of Keynote Sessions

SI No	Time and Date	Speaker	Title of preparation
1	January 6th Indian Time : 11:00 AM - 11:30 AM London time: 5:30 AM - 6:00 AM	Prof. Leroy GARDNER Imperial College London	Design of Metal Structures by Second order Inelastic analysis with Strain Limits
2	January 6th Indian Time : 11:30 AM - 12:00 AM	Prof. V KALYANARAMAN Former Professor at IIT Madras	Recent Research & developments in Cold-formed Steel Structures
3	January 6th Indian Time : 12:00 AM - 12:30 PM Sydney time : 17:30 PM - 18:00 PM	Prof. Kim RASMUSSEN The University of Sydney, Australia	Design of Steel Structures by the Direct Design Method
4	January 6th Indian Time : 20.00 PM - 20.30 PM USA time : 9.30 AM - 10.00 AM	Prof. Ron ZIEMIAN Bucknell University, USA	Structural Stability - Letting the Fundamentals Guide Your Judgement
5	January 7th Indian Time : 9:30 AM - 10:00 AM Singapore Time : 12:00 PM - 12.30 PM	Prof. KH TAN Nanyang Technological University, Singapore	Progressive Collapse of Composite Steel Structures with Slab
6	January 7th Indian Time : 10:00 AM - 10:30 PM	Prof. AR SANTHAKUMAR Former Professor at Anna University	Developments in the Design of Steel Concrete Composite Earthquake Resisting Systems for Tall Buildings
7	January 7th Indian Time : 14:30 PM - 15:00 PM Hong Kong Time : 17:00 PM - 17.30 PM	Prof. Ben YOUNG The Hong Kong Polytechnic University (PolyU), Hong Kong	Behaviour of Cold-formed Tubular t-joints using High Strength Steel
8	January 8th Indian Time : 10:00 AM - 10:30 AM Sydney Time : 15:30 PM - 16.00 PM	Prof. Brian UY The University of Sydney, Australia	Recent Innovations in Steel-concrete Composite Structures
9	January 8th Indian Time : 14:30 PM - 15:00 PM Hong Kong Time : 17:00 PM - 17.30 PM	Dr. Tak-Ming CHAN The Hong Kong Polytechnic University (PolyU), Hong Kong	Structural Performance of Concrete-filled Steel tube Connections with Anchored bolts subjected to Tension
10	January 8th Indian Time : 15:00 AM - 15:30 AM Japan Time : 18:30 PM - 19.00 PM	Prof. Eiki YAMAGUCHI Kyushu Institute of Technology, Japan	Stress Concentration due to Shear lag in Box girder under Concentrated load

Industry pitch (main session) Livestream @ our YouTube Channel <https://bit.ly/3mqcylb>

Day 1 - January 06, 2022

Time	Industry Name	Presenter
12:30 - 12:45	Mutyam Steel	
12:45 - 13:00	PEBS PENNAR	
16:30 - 16:45	TATA NEST-IN	
16:45 - 17:00	FrameCAD	
17:00 - 17:15	Mitsumi Housing Pvt. Ltd (Mitsumi Group)	
17:15 - 17:30	NBMCW - Magazine	Only video
17:30 - 17:45	ARCELORMITTAL/NIPPON STEEL	
17:45 - 18:00	HBM India - Spectris Technologies	

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Day 2 – January 07, 2022	Industry pitch (main session) Livestream @ our YouTube Channel https://bit.ly/3mqcylb		
	Time	Industry Name	Presenter
	12:30 – 12:45	APL Apollo Steel Pipes	
	12:45 – 13:00	Vintech Consultants	
	15:00 – 15:15	Agrima Roof and Façade Solutions	
	15:15 – 15:30	Kirby Building Systems	
	15:30 – 15:45	Tata BlueScope	
	15:45 – 16:00	CBMM	

Day 3 – January 08, 2022	Industry pitch (main session) Livestream @ our YouTube Channel https://bit.ly/3mqcylb		
	Time	Industry Name	Presenter
	9:45 – 10:00	ZwickRoell - Material Testing	
	12:30 – 12:45	JSW Steel	
	12:45 – 13:00	RAM Caddsys	
	15:30 – 15:45	TATA Steel	
15:45 – 16:00	MeTecno		

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Parallel Session 1.1			
Session Chair: Dr. Viswanath, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
Day 1 – January 06, 2022 14:30 – 16:00	105	Component Based Finite Element Method for Gusset Plate Connection with Single-sided Splice Member	Martin Vild, Marta Kuřiková, František Wald and Jaromír Kabeláč
	109	Nonlinear Response of CFS Laced Built-Up Columns- A Numerical Parametric Study	M.Adil Dar, Dipti Ranjan Sahoo and Arvind K.Jain
	360	Stress Concentration Due to Shear Lag in Box Girder under Concentrated Load	Eiki Yamaguchi, and Naoto Kittaka
	251	Blast Response of Reinforced Concrete Slab Stiffened with Structural Steel	Jagruti Mandal, Manmohan Dass Goel, and Ajay Kumar Agarwal
	104	Blast Resistant structure using steel Hollow sections	Arup Saha Chaudhuri and Damayanti Sarkar
	242	A Study on Cold-Formed Stainless Steel Perforated Hollow Stub Columns	M Subalakshmi, M Anbarasu, and S Priyanka
	14:30 – 14:45		

Parallel Session 1.2			
Session Chair: Prof. Sathishkumar, IIT Madras			
Time	Abs. no	Title of the paper	Authors
Day 1 – January 06, 2022 14:30 – 16:00	288	Analysis and Design of Industrial Structure with Overhead Travelling Crane Using Pre-engineered Building Concept: A Case Study Comparing Indian and American Standards	Mehul Radhakrishnan, Santhi A.S and A.Kailasa Rao
	113	Numerical Analysis on Load Carrying Capacity of Castellated Beam by Varying Web Opening	Keerthika.V and Daniel Thangaraj.D
	102	Coupled Dynamic Analysis of Deep-water Semi-submersible with Spread Mooring System	S. Chandrasekaran and Syed Azeem Uddin
	247	Unbonded Brace: A Review	Prachi Mishra and Arvind Y. Vyavahare
	139	Analysis of Knee-braced, X-braced Moment Frame for Ductility Based Seismic Design	Eshanya Tongper Nongsiej, Karthiga N, Shenbagam N Mohanraj A and Kartik Kapoor
	188	Analytical Behaviour of Steel Hybrid Girder with Opening in Web	Giridhar N. Narule, Samadhan G. Morkhade, Sandhya R. Kumbhar
14:30 – 14:45			

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Parallel Session 1.3			
Session Chair: Prof. Konjengbam Darunkumar Singh, IIT Guwahati			
Time	Abs. no	Title of the paper	Authors
14:30 – 14:45	243	Finite Element Analysis of Beam Section for Lateral-torsional Buckling	Nikhil S. Agrawal, Aakash Sharma, P. B. Kulkarni, and P. D. Pachpor
14:45 – 15:00	327	Mitigation to Inconsistent Detailing of Connection	Titiksha Chatul, Samaresh Guchhait and Mangesh Amrut Sakpal
15:00 – 15:15	270	Behaviour of Cellular Steel Beams under Uniform Moment at Elevated Temperature	Vijaya K. Kotapati and Ashish P. Khatri
15:15 – 15:30	279	Study on Short Steel Circular Hollow Sections Jacketed with Carbon Fibre Reinforced Polymers	A.Punitha Kumar, R.Senthil, and S.Srithath
15:30 – 15:45	150	Study of Steel FRP Composites for Sustainable Construction	S P Abhyankar, and U P Waghe
15:45 – 16:00	324	Finite Element Modelling of In-situ Composite Patch Repair of Cracked Aluminium Aircraft Structures	Samanvay Anand and Himanshu Pathak

Parallel Session 1.4			
Session Chair: Dr. Senthikumar G, SRM EEC, Chennai			
Time	Abs. no	Title of the paper	Authors
14:30 – 14:45	292	Study of Glass FRP and Waste Glass Aggregates for Durable Sustainable Construction	S P Abhyankar and U P Waghe
14:45 – 15:00	149	Stress Analysis of Plates Subjected to Uniform and Non-uniform Uniaxial Tensile Loads	Danish Fayaz, S.N. Patel, and Rajesh Kumar
15:00 – 15:15	291	Behavior of Beam With Slender Flanges	Rajendra N. Khapre And Asim Aziz
15:15 – 15:30	121	Synergy Between Crystalline Admixtures and Supplementary Cementitious Materials in Healing Capacity on the Corrosion Resistance of Concrete.	A.Ravitheja, Tirukovela Saikeertan and Jagadeesh Bommisetty
15:30 – 15:45	122	Effect of LECA on Corrosion Resistance of Self-curing Concrete	CVK Chaitanya, D Neeraja, Priya Prasad, A Ravitheja
15:45 – 16:00	192	Seismic Analysis of Steel – Concrete Composite Structure	Uday Kumar N., Naveen B.O. and Mahanthesh K.M.

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Parallel Session 1.5
Session Chair: Prof. M Anbarasu, GCE Salem

Day 1 - January 06, 2022 14:30 - 16:00	Time	Abs. no	Title of the paper	Authors
	14:30 - 14:45	249	Experimental Investigation on the Buckling Behaviour of Concrete Encased Cold Formed Section	S.Sureshbabu, S.Senthil Selvan and P.Balaji
	14:45 - 15:00	331	Flexural Behaviour of Composite Sandwich Beam by Using Shear Connectors: Analytical Study	Muthu Ganesh.K and S.Bhuvaneshwari
	15:00 - 15:15	152	Computer Aid for Designing Circular Concrete Filled Double Skinned Tube (C-CFDST) Composite Column	Yashpal P. Gajjar and Arth J. Patel
	15:15 - 15:30	367	Numerical Study of A Novel Self-lock Connection for Modular Tall Buildings	Huu-tai Thai
	15:30 - 15:45	106	A Filled Weld Model for Component Based Finite Element Method	Marta Kuříková, Martin Vild, František Wald, Petr Jehlička, and Jaromír Kabeláč
	15:45 - 16:00	IP-107	Restoration Works to Existing Heritage Conservation Building at Upper East Coast Road, Singapore	Jeslin Quek and Reshma Rajeev

Parallel Session 2.1
Dr. P Prabha, SERC Chennai

Day 1 - January 06, 2022 19:30 - 20:00	Time	Abs. no	Title of the paper	Authors
	19:30 - 19:45	248	Nonlinear Compression Behaviour of Thin-Walled Battened Columns Composed of Steel Angle Sections	M.Anbarasu, and M.Adil Dar
	19:45 - 20:00	144	Response of Steel Knee-braced Moment Frames Designed Using Ductility-based Seismic Design Approach with Different Ductility Conditions	Shaktiprasad C. Belaladavar

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Day 1 - January 06, 2022 19:30 - 20:00	Parallel Session 2.2			
	Dr. Sai Sidhardh, IIT Hyderabad			
	Time	Abs. no	Title of the paper	Authors
	19:30 - 19:45	246	Spirally Welded Steel Hollow Columns – A Numerical Study	Bharathi K.M, Vignesh B, and Jane Helena H
19:45 - 20:00	266	A Comparative Study on Axial Strength of Back-to-back Built-up Cold-formed Steel Equal and Unequal Angle Section Columns	Krishanu Roy, G. Beulah Gnana Ananthi and James B.P. Lim	

Day 1 - January 06, 2022 19:30 - 20:00	Parallel Session 2.3			
	Prof. Jane Halena, Anna University, Chennai			
	Time	Abs. no	Title of the paper	Authors
	19:30 - 19:45	123	Turbo Generator Foundation Inside TG Building –An Unconventional Approach	Mainak Mallik, D S Anjaneya Murthy, and Eswarappa Sudeep
19:45 - 20:00	282	Performance of Self-centering Buckling-restrained Braced Frames under Near-field Earthquakes	Ahmad Fayeq Ghowsi, Dipti Ranjan Sahoo, Rajesh Kumar	

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Day 1 - January 06, 2022 19:30 - 20:00	Parallel Session 2.4			
	Session Chair: Dr. Gangadharan Raju, IIT Hyderabad			
	Time	Abs. no	Title of the paper	Authors
	19:30 - 19:45	207	Behavior of Concrete Filled Steel Tube Columns Subjected to Uni-Axial Compression and Cyclic Loading - A Review	Shaik M. Imam Shah and Suneel M. Kumar
19:45 - 20:00	206	Novel Solution of Retrofitting of Existing and Historical Architecture Using Steel Composites	Rajmunni Hombal, Pooja K, Pratham P, and Vikranth S Kambli	

Day 1 - January 06, 2022 19:30 - 20:00	Parallel Session 2.5			
	Session Chair: Dr. Raghavan Ramalingam, NIT Trichy			
	Time	Abs. no	Title of the paper	Authors
	19:30 - 19:45	210	Buckling Analysis of Cold Formed Steel Channel Section Columns with Longitudinal Stiffeners	Chetan Kumawat and Raghavan Ramalingam
19:45 - 20:00	219	Numerical Study of Perforated Lean Duplex Stainless Steel Slender Semi-elliptical Hollow Section Members Subjected to Torsion	Sanasam V. Devi, and Konjengbam D. Singh	

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Parallel Session 3.1 Session Chair: Dr. Cinitha, SERC Chennai				
Day 2 - January 07, 2022 11:00 - 12:30	Time	Abs. no	Title of the paper	Authors
	11:00 - 11:15	347	State of the Art Review on Cold-formed Steel Sections	Pavan Tikate and Ishwar Sonar
	11:15 - 11:30	346	State-of-the-art Review for Laced Composite Channel Beam	Gunaselvi S, Roshini M and Leema Rose A
	11:30 - 11:45	250	State-of-the-art Review for Concrete Encased Steel Columns	Suresh Babu S, Leema rose A and Priya T
	11:45 - 12:00	194	State of The Art Review on The Behaviour of Concrete Filled Steel Tubular Columns	S. Sharon Rose, A. Leema Rose, D. Elango and G.R. Iyappan
	12:00 - 12:15	157	Behaviour of Pumpable Recycled Aggregate Concrete	Vipindas N K and Rajeevan B
	12:15 - 12:30	171	Effect of Initial Imperfections on the Ultimate Axial Compressive Strength of Concrete Filled Steel Tubular Long Columns	Mashudha Sulthana, and Arul Jayachandran

Parallel Session 3.2 Session Chair: Dr. M. V. Anil Kumar, IIT Palakkad				
Day 2 - January 07, 2022 11:00 - 12:30	Time	Abs. no	Title of the paper	Authors
	11:00 - 11:15	169	Global Buckling Behaviour of Intermittently Fastened Cold-formed Steel Built-up Columns	Akshay Mangal Mahar, and S. Arul Jayachandran
	11:15 - 11:30	168	Comparative Study of Conventional Steel Tank with Corrugated Steel Tank for Waste Water Application	Mohammed Younus Salman, Kiran Swarup Kasturi, Saraswathi Lakshmi Vinay N, and Mathan
	11:30 - 11:45	354	Stability Analysis of Single Layer Steel Domes with Semi-rigid Joints	Pramod Kumar, and Raghavan Ramalingam
	11:45 - 12:00	129	Web Crippling Behaviour of Aluminium Unlipped Sigma Sections Subjected to Two Flange Load Cases	S.Dhivyabharathi, R.Ramya
	12:00 - 12:15	283	Comparative Study of Conventional Steel Truss Profiles	Jaireena, Vaneeta Devi, and Sunil Kumar
	12:15 - 12:30	227	Cold Formed Steel Frames Using Self Drilling Screw Connections	Jikhil Joseph, and S R Satish Kumar

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Parallel Session 3.3			
Session Chair: Dr. Tekcham Gishan Singh, IIT Jodhpur			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	228	Finite Element Modelling of Screw Connections in Cold Formed Steel.	Jikhil Joseph, and S R Satish Kumar
11:15 – 11:30	231	Numerical Validation on SRC-RC Transfer Columns Experiments	Abhishek Jain, Dipti R. Sahoo, and Arvind K. Jain
11:30 – 11:45	186	Concrete Filled Stainless Steel Tubular Columns Subjected to Fire - A Review	Anandapadmanaban Kasirajan, and Suneel M Kumar
11:45 – 12:00	112	Comparison of the Behaviour of Axially Loaded Slender Hollow Steel Tubes and Concrete Filled Steel Tubes	Rebecca Mary Paul, Madhu M. Karthik, and M. V. Anil Kumar
12:00 – 12:15	173	Comparative Study of Conventional and Modular Reverse Osmosis Structural Steel Skid System	Vinay N, Kiran Swarup Kasturi, Saraswathi Lakshmi, Mohammed Salman, and Mathan M
12:15 – 12:30	319	Critical Buckling Moment of Cold-formed Lipped Channel Sections	Ravikant Singh, Avik Samanta, and Saurabh Suman

Parallel Session 3.4			
Session Chair: Prof. M Anbarasu, GCE Salem			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	183	Effect of Bracings on Seismic Analysis of A Multi-Storeyed Building Resting on Sloping Ground	Allu Eswara Rao, and Maganti Janardhan Yadav
11:15 – 11:30	281	Behaviour of Thin-walled Intermediate Stiffened Back-to-back Double Channel Sections under Axial Compression	G. Beulah Gnana Ananthi, and M.S.Deepak
11:30 – 11:45	184	Experimental Study on Cold-formed Steel-concrete Composite Trusses	Thippeswami BL, Waghmare S, and Satish Kumar S R
11:45 – 12:00	333	Analysis of Bracing Pattern for Industrial Steel Structure	Stavan A. Sheth, Vinit P. Shah, Smeet M.Patel, Jagat J. Chaudhary, and Rahul I. Shah
12:00 – 12:15	334	Structural Analysis And Improvement of Geometry of Existing 132 KV Transmission Line Tower	Stavan A. Sheth, Vishrut K. Langalia, Kuldeep B. Barge, and Rahul I. Shah
12:15 – 12:30	336	Assessment of the Residual Capacity of MR Steel Frames via Incremental Dynamic Analysis	Marco Simoncelli, Claudio Bernuzzi, Davide Rodigari

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Parallel Session 3.5
Session Chair: Dr. P Prabha, SERC Chennai

Day 2 - January 07, 2022 11:00 - 12:30	Time	Abs. no	Title of the paper	Authors
	11:00 - 11:15	197	Shake Table Study of Dynamic Characteristics of A Typical Pallet Racking System	N. Raviswaran A, N.N. Unnikrishnan B, V. Nagendiran C, S. Pradeep Shankar D, C. Bharathi Priya E, and K. Sathish Kumar F
	11:15 - 11:30	198	Behaviour of Cold Formed Steel Racking Structure – A Comparison of Analytical and Experimental Results	Dr.N. Raviswaran A, N. N. Unnikrishnan B, V. Nagendiran C, Suhail Musthafa D, C. Bharathi Priya E, and K. Sathish Kumar F
	11:30 - 11:45	196	Parametric Study on Steel Beams with Circular Web Openings Having Reinforcing Stiffeners	Rujuta. A. Bhat, and Laxmikant. M. Gupta
	11:45 - 12:00	345	Size Optimization of Steel Using Diaphragm Actions in Vertical Horizontal Plane	S.N.K. Vinod and S. Praveenkumar
	12:00 - 12:15	297	Structural System Performance Upgradation of a Long Span Non redundant pedestrian Bridge	Sandip Maity, Sohini Som, and Biswajit Som
	12:15 - 12:30	267	Initial Stiffness of Extended End-plate Connections with Column Stiffeners	Channa Rajesh, and A. Y. Vyavahare

Parallel Session 4.1
Session Chair: Dr. Raghavan Ramalingam, NIT Trichy

Day 2 - January 07, 2022 16:30 - 18:00	Time	Abs. no	Title of the paper	Authors
	16:30 - 16:45	159	Ductile Fracture Initiation in Braces of Concentrically Braced Frames	Tamilselvan Nambirajan, Viresh Singh, and P. C. Ashwin Kumar
	16:45 - 17:00	191	Analysis of Steel Columns in Fire with Varied End Restraints	Rakshith B. Devaraj, and Suneel M. Kumar
	17:00 - 17:15	293	Structural Design and Analysis of Hyperboloid with Tower Assembly of Solar-thermal Plant	R. K. Verma, M. K. Agrawal, P. Halder, and J. Chattopadhyay
	17:15 - 17:30	294	Structural Design and Analysis of Heliostat of Solar-thermal Plant	R. K. Verma, M. K. Agrawal, P. Halder, and J. Chattopadhyay
	17:30 - 17:45	146	Seismic Analysis of 4 Legged Lattice Telecommunication Towers	Shankar H. Sanni, Shashikanth A. Kambali , and Kavyashree Dodamani
	17:45 - 18:00	145	Analytical Study of Effect of Size of Web Opening on Ultimate Load Carrying Capacity of Steel Beam With Trapezoidally Corrugated Web	Samadhan G. Morkhade, Swami M. Basawraj and Chittranjan B. Nayak

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Parallel Session 4.2			
Session Chair: Dr. Viswanath, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	163	Collapse Analysis of Moment Resisting Steel Frame by Performing Incremental Dynamic Analysis Using Force Analogy Method	S.S. Ningthoukhongjam and K.D. Singh
16:45 – 17:00	226	Comparative Review of SP-6(1); Isi Handbook for Structural Engineers (Part-1) - Structural Steel Sections	P. K. Soni, S. K. Dubey And P. Sangamnerkar
17:00 – 17:15	263	Cold Formed Steel Moment Connections Using Howick Revit Connector	Krishanu Roy, Chris Mathieson, G. Charles Clifton, Boshan Chen, Rehan Masood, And James B.P. Lim
17:15 – 17:30	269	Time History Analysis of Steel Beam With Web Perforations	Rahul Ranjan A, Keshav K Sharma
17:30 – 17:45	271	Parametric Study on Cold Formed Sections	Chinmaya Kasliwal And Utsav Koshti
17:45 – 18:00	126	Performance of New Steel-foam Concrete Composite (SFCC) Wall-to-wall Panel Joint	P. Prabha, M. Saravanan, and N. Lakshmanan

Parallel Session 4.3			
Session Chair: Prof. Sathishkumar, IIT Madras			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	211	Concrete Filled Tubular Column: A Comparative Study of EC4 and AISC 360-10	Ankit Sachdeva, Arvind Vyavahare, and Gourav Sachdeva
16:45 – 17:00	308	Deflection Behaviour of CFRP Pre-stressed Concrete Beams under Static Loading at Elevated Temperatures	M. Sekar, and G. Kesavan
17:00 – 17:15	284	A Review of Strengthening of RC Beam Column Junction Using Fiber Reinforced Polymer Composites	Pramod Tiwari A, and Kranti Jain B
17:15 – 17:30	276	Influence of End Anchorage on the Behaviour of Normal / Light Weight Concrete Composite Slab	R. Banupriya, and S. Arul Mary
17:30 – 17:45	221	Structural Performance of Partially Confined Concrete-filled Steel Circular Tubular Columns under Cyclic Lateral Loading	Prasanta Kar, Arun C. Borsaikia, and Konjengbam D. Singh
17:45 – 18:00	134	Performance-based Seismic Design of Pallet Racks	Satish Kumar S R and Rajesh Nagar

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Parallel Session 4.4			
Session Chair: Dr. Prakhar Gupta, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	339	Lessons Learned From Sudden Collapse of Mumbai C.S.T. Foot Over Bridge: An Overview	Sandip Maity, Gokul Mondal, and Biswajit Som
16:45 – 17:00	352	Assessment of Thermal Insulation Applied to Structural Steel	Guruprasad Y.K.
17:00 – 17:15	230	Damage Detection in Base Isolated Steel Structure Using Singular Spectral Analysis	Shivam Ojha, Lavish Gobind Pamwani and Amit Shelke
17:15 – 17:30	356	Flexural Behaviour of Cold Form Steel Tube Beam with Infilled Concrete of Different Grades	Girihar N. Narule, Suraj S. Chandgude, Dhiraj D. Ahiwale, and Rushikesh R. Khartode
17:30 – 17:45	165	Preliminary Stage OpenSees Simulation of the Collapse of Plasco Tower in Fire	Ramakanth Domada, Tejeswar Yarlagadda, Liming Jiang, and Asif Usmani
17:45 – 18:00	132	Dynamic Behaviour Base Isolated Howe Bridges-seismic Resistant	G.Sridevi A, Shivaraj A B, and Sudarshan G C

Parallel Session 4.5			
Session Chair: Dr. M. V. Anil Kumar, IIT Palakkad			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	180	An Experimental Investigation on Light Gauge Steel Hollow Circular Column in Filled with Nano Concrete	P. Vasanthi, and S. Senthil Selvan
16:45 – 17:00	300	Study on Exposed Column Base Plate Connections	Midhun C K and Arvind Vyavahare
17:00 – 17:15	127	Interaction of Buckling Modes in Lip Stiffened Plates under Uniform Compression	K C Kalam Aswathy, and Anil Kumar M V
17:15 – 17:30	280	An Investigation on the Effects of Rigid Joints on the Weight and Load Carrying Capacity of Steel Trusses	Okonkwo Victor Odinaka, and Onodagu Peter Dinwoke
17:30 – 17:45	143	Performance of Cold-formed Steel Channels with Edge-stiffened Web Openings under Compression	Boshan Chen, Krishanu Roy, Asraf Uzzaman, Gary M. Raftery, G. Charles Clifton, and James B.P. Lim
17:45 – 18:00	205	Buckling Restrained Braces: Alternative Lateral Resisting System for High-seismic Zone	Hemal Modi

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Parallel Session 5.1			
Session Chair: Dr. Tekcham Gishan Singh, IIT Jodhpur			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	114	A Numerical Study on the Seismic Response of Circular CFST Column-beam Exterior Joint with Split Bolt Assembly	Sreeshma P.U. and Beena K.P.
19:45 – 20:00	176	Nonlinear Finite Element Analysis of GFRP Fabrics Strengthened RC Deep Beams Using ABAQUS	A. Kumari and A.N. Nayak
20:00 – 20:15	383	High Temperature Effects of High Performance and Normal Concrete: An Experimental and Numerical Study	D.Harinadha Reddy and Ananth Ramaswamy
20:15 – 20:30	235	Behaviour of Self Tapping Screws Under Shear	Senthilkumar R, Divya M and Prince George
20:30 – 20: 45	234	A Study on Structural Behaviour of Hot-rolled Steel Compression Members Under Thermal Loading	Ajit Sahu, Senthil Kumar R
20:45 – 21:00	388	Experimental and Numerical Studies of S960 Ultra-high Strength Steel Press-braked Channel Sections	Fangying Wang, Ou Zhao and Ben Young

Parallel Session 5.2			
Session Chair: Dr. Gangadharan Raju, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	329	The Effect of Steel Fibres on Ductility of Reinforced Concrete Beams	Yuvraj Singh, Sushil Bhatia, and Harvinder Singh
19:45 – 20:00	147	Analysis and Design of Junction Tower	Shankar H. Sanni, Shashikanth A. Kambali, and Ambika Kathare
20:00 – 20:15	178	Finite Element Modeling of Double Plate Flat Composite Shear Wall under Lateral Load	Senthilkumar R, Karthikeyan M, and Sneha Liya George
20:15 – 20:30	381	Effect of Inplane Concentrated Load on Buckling Behaviour of FRP Composite Panels With Cutout	K S. Subash Chandra, K. Venkata Rao and T.Rajanna
20:30 – 20: 45	337	Effect of the Imperfection on the Axial Loaded Rectangular CFST Column	Manigandan R, Manoj Kumar
20:45 – 21:00	376	An Experimental Study on the Corrosion Behaviour of Reinforced Concrete with Manufactured Sand Using Artificial Neural Network	B Vijaya A, and S Senthil Selvan B

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Parallel Session 5.3			
Session Chair: Dr. Raghavan Ramalingam, NIT Trichy			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	142	Axial Capacity of Cold-formed Steel Built-up Box Section Columns	Krishanu Roy, Hieng Ho Lu, Boshan Chen, Tina Chui Huon Ting and James B.P Lim
19:45 – 20:00	261	Effect of Stress Gradient on Web Buckling Strength of Frp Box-beams	M Kasiviswanathan
20:00 – 20:15	306	Review on Steel Structures Strengthened With Frp Plates/Laminates	Priyabrata Guha, Subhashish Roychowdhury
20:15 – 20:30	274	Flexural Torsional Couplings in Thin Walled Beam Sections Having Variable Stiffness	Paulomi Mukherjee, Lokesh Kant Sao and Devesh Punera
20:30 – 20: 45	257	Buckling Analysis for Strength And Modes of Laminated Composite Plates	Rajan L. Wankhade and Mahesh D. Gaikwad
20:45 – 21:00	365	Numerical Approach on The Effect of Carbon Fibre- Reinforced Polymer Composites Strengthening on Static And Fatigue Life Behaviour of Steel Beams	Dhanya Mary Alexander, Umamaheswari.N

Parallel Session 5.4			
Session Chair: Dr. Madhup Pandey, The Hong Kong Polytechnic University			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	167	Experimental Investigation on The Enhancement of Ductility in SRC Columns	Gautham A and Dipti Ranjan Sahoo
19:45 – 20:00	181	Behavior of Steel-concrete Composite Beam Section for Various Parameters	Prashant B. Kamate and Ashish P. Khatri
20:00 – 20:15	202	Challenges in Modeling the Longitudinal Shear Bond Mechanism of Composite Slab – A Numerical Approach	Dr.S Arul Mary, S Vignesh Raja, and R Banupriya
20:15 – 20:30	214	Behaviour of Exposed And Embedded CFST Column to Foundation Connections	Jothimani B and Umarani C
20:30 – 20: 45	272	Seismic Performance of Semi-rigid Steel Frames Considering Soil-structure Interaction	Vishwajit Anand, and S. R. Satish Kumar
20:45 – 21:00	189	Prequalifying Criteria for Hollow Structural Steel [HSS] Truss Connections	S. Arul Mary, and T. Rama Sindhia

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Parallel Session 5.5			
Session Chair: Dr. Sivaganesh Selvaraj, The Hong Kong Polytechnic University			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	371	Spectral Correlation Based Enhanced Breathing Crack Diagnosis of Steel Structures with Linear Response Subtraction Scheme	J Prawin
19:45 – 20:00	IP-102	Seismic Performance of Cold Formed Steel Section And Rolled Steel Section By Moment Resistance Connection	Dhivya B Mohan, Jayarman, A Karthiga N Shenbagam N and Ganesh S Balaji
20:00 – 20:15	161	Structural Behaviour of Cold-formed Steel Built-up Beams	Sivaganesh Selvaraj, Mahendrakumar Madhavan and V. Guru Prathap Reddy
20:15 – 20:30	174	Performance Assessment of Steel Special Moment Resisting Frames Designed As Per Is 800:2007	Sonu Kumar Patel and P C Ashwin Kumar
20:30 – 20: 45	255	Analysis of Experimental Data on Cold Formed Steel Shear Wall Panels	Jammi Ashok, Sanjeevi. Arul Jayachandran
20:45 – 21:00	IP-103	Structural Investigation of Cold Formed Steel Angle Sections Under Tension Loading Condition	A.Paulmakesh and S.Arivalagan

Parallel Session 6.1			
Session Chair: Dr. Tekcham Gishan Singh, IIT Jodhpur			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	393	Numerical Study On Steel Jacketing Retrofitting Scheme For Experimentally Damaged Reinforced Concrete Frames Subjected To Lateral Loads	Sanjay R. Kumawat, Goutam Mondal and Suresh R. Dash
11:15 – 11:30	394	Efficient Numerical Analysis of Hybrid Shear Wall With Internal Energy Dissipating Reinforcements	Ankhiparna Guha, Prachi Taori, Dr. Suresh R Dash and Dr. Goutam Mondal
11:30 – 11:45	201	Semi-automated Multi-storey Car Park Design	J. Gokul Krishna, A. Balasubramaniam, and Bijivemula Sruthi Reddy
11:45 – 12:00	256	Enhancing Structural Properties of Wood and Its Composites by Mechanical Annealing	Mallikarjunachari G and Mohammad Asif Khan P
12:00 – 12:15	154	Numerical Study on Low Velocity Impact Behaviour of GFRP Laminates	Alen Austin and Priyadarsini R. S
12:15 – 12:30	299	Review on Strengthening of Reinforced Concrete Slab using Externally Bonded FRP Composites	Atanu Debnath and Subhashish Roychowdhury

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Parallel Session 6.2			
Session Chair: Prof. Dipti Ranjan Sahoo, IIT Delhi			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	357	Static and Cyclic Behaviour of Beam Column Endplate Connection with Cellular Beam	Dondeti Manideep Reddy, Arunkumar.C, and Umamaheswari.N
11:15 – 11:30	338	Effect of Braking Load on Longitudinal Forces in Continuous Welded Rail considering the presence of Bridge	Ali Mubarack C K and Akhil Upadhyay
11:30 – 11:45	377	A Review of High Frequency Electric Resistance Welding (HF ERW) Technology for Engineered Structural Sections (ESS)	Nirav B Panchal and Ankit M Joshi
11:45 – 12:00	378	Experimental and Analytical Evaluation of Bearing Strength of Flatted End Tube and Behavior of Flattening Angle Tube	Pravin S Patil and Ishwar P Sonar
12:00 – 12:15	290	Comparative Study of Composite Cold-formed Steel Trussed and T Beam	Arpit Kumar and Pradyumna Dashora
12:15 – 12:30	264	Self-drilling Screw Connections for High Strength Cold-formed Steel-an Experimental Study	Krishanu Roy, Hieng Ho Lau, Tina Chui Huon Ting, Boshan Chen, and James B.P.Lim

Parallel Session 6.3			
Session Chair: Prof. K Baskar, NIT Trichy			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	IP-101	A comparative study on lateral load analysis in ETABS (Extended Three-dimensional Analysis of Building Systems) Software version 2017 by BNBC (Bangladesh National Building Code)-1993 & 2017	Md. Imran Islam Rabbi, Afrin Lisa and Simoom Sadik
11:15 – 11:30	395	Development of An Effective and Efficient Baseline Free Damage Detection Scheme for Structural Health Monitoring	Devesh K Jaiswal, Dr. Suresh R Dash and Dr. Goutam Mondal
11:30 – 11:45	177	Effect of Response Modification Factor on Main Shock-after Shock (MS-AS) Seismic Response of Buckling Restrained Braced Frames (BRBFS)	Muhamed Safeer Pandikkadavath, Sujith Managalathu, Romanbabu M. Oinam, P. C. Ashwin Kumar, Dipti Ranjan Sahoo and N. M. Anoop Krishnan
11:45 – 12:00	175	Investigation on Non-linear Interaction Framework for Zee Shaped Cold-formed Steel Beam-column	J.Sevugan Rajkannu, Chinmai Goripathi and S Arul Jayachandran
12:00 – 12:15	384	Analysis of Steel Beams for Different Loadings Using MIF	Rakesh Patel, S.K. Dubey and K.K. Pathak
12:15 – 12:30	217	Numerical Investigation Into Buckling Behavior of Cold-formed Purlin	Ravi Dwivedi and A Y Vyavahare

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Parallel Session 6.4			
Session Chair: Dr. M. V. Anil Kumar, IIT Palakkad			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	200	Ultimate Shear Resistance of Non-rigid End Post Steel Plate Girders	Durgesh R. Hingnekar and Arvind Y. Vyavahare
11:15 – 11:30	311	Post-earthquake Fire Resistance of Concrete Filled Tubular Steel Columns	Smita Singh and Anil Agarwal
11:30 – 11:45	310	In-plane Flexural Behavior of Braced Frame Connections	Anmol Shanker Srivastava and Anil Agarwal
11:45 – 12:00	382	Experimental Investigation on Strength Properties of Concrete By The Partial Replacement of Cement By Use of Metakaolin And Glued Steel Fibres in Concrete	Pooja and Praveen kumar
12:00 – 12:15	321	Investigation of The Performance of Basalt Rebar's As Reinforcement in Concrete Members	Sangmesh V Biradar, Naveen Dundsi and Sidram S Injaganeri
12:15 – 12:30	386	Experimental Study on Mechanical Properties of Concrete Using Sugarcane Bagasse Ash With Addition of Hybrid Steel Fibres.	Praveen kumar and Pooja

Parallel Session 6.5			
Session Chair: Dr. Vijayakumar Natesan, MITS AP			
Time	Abs. no	Title of the paper	Authors
11:00 – 11:15	362	A Micromechanics-based constitutive model for polycrystalline Steel to optimize the mechanical properties	Madhu Kiran Karanam, Gulivindala Gopi, and Viswanath R Chinthapenta
11:15 – 11:30	318	Behaviour of Unrestrained Steel I-section Beams in Case of Fire	Saurabh Suman and Avik Samanta
11:30 – 11:45	153	Module Site Installation & Amp; anchorage – Case Study	Parthasarathi Burman, Sourav Biswa and Munish Dhawan
11:45 – 12:00	353	Engineering Solutions To Mitigate Logistics Changes on A Modular Project	Varun Dhiman, Mangesh Amrut Sakpal and Sandip R Gatkal
12:00 – 12:15	116	Analysis of Guyed Mast Using Gust Factor And Patch Load Method	Srinivas Tanuku, K. Rama Mohana Rao
12:15 – 12:30	120	Post-flexural Torsional Buckling Strength in Slender CFS Compression Members	Aayillia K J and Anil Kumar M V

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Parallel Session 7.1			
Session Chair: Dr. Syed Nizamuddin Khaderi, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	265	Effect of Circular Opening in Longitudinally Stiffened GFRP Composite Plates	T. Uday and S Anitha Priyadharshani
16:45 – 17:00	315	Seismic Analysis of Steel Frame for Two Different Cross Sections, Height, and Width of Column	Pradyumna Dashora
17:00 – 17:15	166	Behavioural Difference of Multistorey Building (G+9) with Variation in Soft Storey Position	Neeraj Singh and Keshav K Sharma
17:15 – 17:30	187	Evaluation of Response Spectrum for Models of Structures Against Blast Loading	Krishna Kumar Maurya, Anupam Rawat, Govinda Jha, and Nitesh A
17:30 – 17:45	259	Behaviour of Diagonally Stiffened GFRP Composite Plate with Opening	Nandu B and Anitha Priyadharshani S
17:45 – 18:00	224	Analytical Design Review of SP-38(S&T); Handbook for Typified Designs for Structures with Steel Roof Trusses	P. K. Soni, S. K. Dubey, and P. Sangamnerkar

Parallel Session 7.2			
Session Chair: Dr. Raghavan Ramalingam, NIT Trichy			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	125	Performance of Special Moment Frame Buildings with a New Replaceable Beam-column Connection	M. Saravanan, Rupen Goswami, and G. S. Palani
16:45 – 17:00	215	New Era in structural Steel Fabrication Challenges, Opportunities & Way Forward	Arvind Tagai
17:00 – 17:15	322	Buckling Strength of Steel Columns Subjected to High Temperature – Analytical Study	Deepthi Venkatesh, Suneel Kumar M, and N. N. Kishore
17:15 – 17:30	185	Extension of Variational Principles for Non- Conservative Greenhill's Shafts	Heera M Titus, and S Arul Jayachandran
17:30 – 17:45	130	Fragility Analysis of Steel Building Frame Considering Different Non-linear Material Modelling	Vikash Sundriyal, and Shashi Narayan
17:45 – 18:00	262	Lateral Torsional Buckling of Sinusoidally Corrugated Steel Webs	M Kasiviswanathan

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Parallel Session 7.3			
Session Chair: Dr. Madhup Pandey, The Hong Kong Polytechnic University			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	503	Experimental Study On Cold-formed High Strength Steel Tubular T-joints With Circular Braces and Rectangular Chords	Madhup PANDEY And Ben YOUNG
16:45 – 17:00	505	Influence of Governing Parameters on Long-term Behaviour of Prestressed Concrete Bridge With Corrugated Steel Webs	Madhup PANDEY And Francis TK AU
17:00 – 17:15	504	Time-dependent Behaviour of Prestressed Concrete Bridge With Corrugated Steel Webs – Experimental And Numerical Investigations	Madhup PANDEY And Francis TK AU
17:15 – 17:30	383	High Temperature Effects of High Performance and Normal Concrete: An Experimental and Numerical Study	D.Harinadha Reddy, Ananth Ramaswamy
17:30 – 17:45	208	Seismic Behaviour Assessment of Semi-rigid Frame under Near-field Earthquakes	Vijay Sharma, Sourabh Vern, Mahendra K. Shrimali, Shiv D. Bharti, and Tushar K. Datta
17:45 – 18:00	209	Seismic Performance Assessment of Semi-rigid Frames for Different Performance Criteria	Vijay Sharma, Mohit Bhandari, Mahendra K. Shrimali, Shiv D. Bharti, and Tushar K. Datta

Parallel Session 7.4			
Session Chair: Dr. Tekcham Gishan Singh, IIT Jodhpur			
Time	Abs. no	Title of the paper	Authors
16:30 –16:45	108	Effect of Power Pack Unit on Modular Trailer Spine Beam Deflection	Manish Arya, Pratik Chakraborty, and Munish Dhawan
16:45 – 17:00	148	Behavior of the Liquid Storage Tank under Coupled Effect of Bidirectional Excitations and Angle of Incidence of Earthquake	Sourabh Vern, Vijay R. Sharma, Mahendra K. Shrimali, Shiv D. Bharti, and Tushar K. Datta
17:00 – 17:15	252	Sloshing Effect of Water in an Elevated Water Tank on A G+2 Building	Ansuman Panda, Manish Mehta, Sammed Magdum, and P. N. Rao
17:15 – 17:30	164	Damping Characteristic Identification of A Three-storey Aluminium Frame Using Vibration Response Data	Akhila T S A and Saji K P B
17:30 – 17:45	348	Assessment of Efficiency of Steel X-bracings and Steel Plate Bonding Applied as a Retrofit Measure to Enhance the Seismic Resistance of R Structures	Mohammed Mazharuddin, and Guruprasad Y K
17:45 – 18:00	285	Free Vibration of Bio-inspired Composite Circular Plates–an Annular-ring Model	R. Kumar, Vaishali, S. Kushari, and T. Mukhopadhyay, and S. Dey

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Parallel Session 7.5			
Session Chair: Dr. Anil Agarwal, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
16:30 – 16:45	258	Different Insulation Technique for Fire Protection of Industrial Steel Structure	Sudipta Hui, Debarshi Sahoo, and Narayan C. Moharana
16:45 – 17:00	335	Mode Specific Damping Estimation - An Inverse Modelling Technique	Naveen Bharti, Yeturi Pramod Kumar Reddy, and Subhamoy Sen
17:00 – 17:15	314	Design of Simple Bolted Connections: A Comparative Study Between Euro Code, American Code and Indian Code	Saptadip Sarkar A and Papia Mandal B
17:15 – 17:30	374	A Review on Progressive Collapse with All-steel Buckling Restrained Braced Frames	Gopika Balagopal P C and Rajeevan B.
17:30 – 17:45	392	Advanced Composite Materials for Hull Construction on Warships	Abhinav Aravind and Bharath Murali
17:45 – 18:00	389	Sustainability by Reverse Joints in Steel Structures (Demountable Modular Shear Connection)	Shashidhar S Shilavantar, Savai Suthar, Chaitanya. B, Chiranth. A and R. Ravindra

Parallel Session 8.1			
Session Chair: Prof. K Baskar, NIT Trichy			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	136	Investigation on Cold-formed Steel Built-up Box Sections Composed of Equal Angles under Axial Compression	G.Beulah Gnana Ananthi, and M.S.Deepak
19:45 – 20:00	277	Influence of Web Depth on Shear Buckling Behavior of Trapezoidal Corrugated Web Steel Girders	P Prathebha, and H Jane Helena
20:00 – 20:15	254	Spectral Based Fatigue Analysis of A Semi-submersible Platform	Sreejith.K, and T.M. Madhavan Pillai
20:15 – 20:30	238	A Numerical Study on The Nonlinear Behaviour of Built-up Cold-formed Steel Battened Columns	S. Priyanka and M. Anbarasu
20:30 – 20:45	390	Earthquake Resistant Composite Cold-formed Steel Beams With Diagonal Bars	J. Samuel and P. S. Joanna
20:45 – 21:00	Conference Valediction Speech by Professor Mahendrakumar Madhavan		

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Parallel Session 8.2			
Session Chair: Dr. Madhup Pandey, The HKPolyU			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	119	Analytical Study on the Behaviour of Non- Prismatic Steel Bridge Girders under Varying Tapering Angle	A. Sukalya K Sudarsanan and B. Krupa Mary Varghese
19:45 – 20:00	244	Buckling Behaviour of In-elastic Thin-webbed Castellated Beams	Cyril Thomas A, Aarthi E, and Baskar K
20:00 – 20:15	253	PWHT Investigation Towards Crystal Growth Mechanism and Mechanical Property Characterization of AISI 202 & 304 Austenitic Steel	Chinmaya P. Padhy
20:15 – 20:30	118	Non-linear Analysis of Cylindrical Pressure Hull with Functionally Graded Materials	A. Shilpa Sajikumar, B. Krupa Mary Varghese
20:30 – 20:45	Conference Valediction Speech by Professor Mahendrakumar Madhavan		
20:45 – 21:00			

Parallel Session 8.3			
Session Chair: Dr. Viswanath, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	342	Ecofriendly Concrete Using Wastewater Sludge	Dishi Agarwal, Shashank Tiwari and V. Sarath Babu
19:45 – 20:00	236	Experimental Investigations on Concrete Filled Steel Tubular Columns	Vardhan Garg and Sharadkumar Purohit
20:00 – 20:15	372	Load Path Effects in Built-up Battened Steel Columns under Unidirectional Lateral Cyclic Loading	Sajal Sarkar, Seetal Chettri, and Upama Bomzon
20:15 – 20:30	151	Study on Reduction in Capacity of Hot Rolled I- Section due to Elevated Temperature	Rajendra N. Khapre, and Monika D. Dhuware
20:30 – 20:45	Conference Valediction Speech by Professor Mahendrakumar Madhavan		
20:45 – 21:00			

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Parallel Session 8.4			
Session Chair: Dr. Gangadharan Raju, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	368	Numerical Investigation of High-strength CFST Columns with Slender Sections	Trac Nguyen, Tuan Ngo and Huu-tai Thai
19:45 – 20:00	223	Computation of Fundamental Time Period for Moment Resisting Framed Steel Buildings	P. K. Soni, S. K. Dubey, and P. Sangamnerkar
20:00 – 20:15	117	Studies on Steel Beam-to-column Joints Subjected to Accelerated Corrosion and Cyclic Loads	Cinitha A, V.Sampath, and G.S Palani
20:15 – 20:30	370	Design of Built-up Members with Angles	Claudio Bernuzzi, Elisa Bertinotti, and Marco Simoncelli
20:30 – 20:45	Conference Valediction Speech by Professor Mahendrakumar Madhavan		
20:45 – 21:00			

Parallel Session 8.5			
Session Chair: Dr. Prakhar Gupta, IIT Hyderabad			
Time	Abs. no	Title of the paper	Authors
19:30 – 19:45	268	Block Shear Failure in Different Connections – A Review	Jagdish R. Dhanuskara and Laxmikant M. Gupta
19:45 – 20:00	239	State-of-the-art Review of Optimization of Steel Truss	Swabarna Roy A and Chinmay Kumar Kundu B
20:00 – 20:15	111	Finite Element Investigations on Structural Performance of Steel I-beams with Reinforced Web Openings	Samadhan G. Morkhade, Rutuja S. Lokhande, Umesh D. Gund , Ajinkya B. Divate, and Saurav S. Deosarkar
20:15 – 20:30	158	A Study on Design Thickness of Corner Gusset Plates in Steel Braced Frames for Tension	K. S. Vivek, U. K. L. Priyanka, and K. S. Sai Ram
20:30 – 20:45	Conference Valediction Speech by Professor Mahendrakumar Madhavan		
20:45 – 21:00			

Highlighted in **Yellow** - Revised papers are not received and we will not be able to publish your paper

Highlighted in **Blue** - Information related to your registration is missing in our database (please contact - pa.issc2020@iith.ac.in)

The allocation time is 12 minutes for presentation followed by 3 minutes for Q & A

All time mentioned are Indian Standard Time (UTC +5:30)