	Top 25 Paper list				
	Title	**Author/Presenter**	**Affiliation**	**Paper id**	**Email Id**
1	Design and development of an experimental setup for real-time evaluation of coupled corrosion-fatigue interaction in reinforced concrete beams	Vivek Vishwakarma	IIT Roorkee	211	vivek.200100@gmail.com
2	An Experimental Investigation and Guidelines on Reinforced Concrete Jacketing of Short-Span Beams	Vishnu T. Unni	IIT Madras	223	vishnuunni81@gmail.com
3	Corrosion resistance of steel in limestone calcined clay cement (LC3) with corrosion inhibitor subjected to carbonation	Umesh Hule	IIT Madras	137	huleumesh@gmail.com
4	Influence of chloride-induced corrosion on the mechanical behavior of tmt bars	Lalhmangaihzuali Khuptong	IIT Roorkee	107	k_lalhmangaihzuali@ce.iitr.ac.in
5	Machine learning-based framework for corrosion monitoring of reinforced concrete structures considering carbonation and chloride contamination	Chiranjeev Sagar	IIT Roorkee	153	chiranjeevsagar01@gmail.com
6	SHM of RC Bridge Girder for Damage Identification and Localization using Multi-Layer Perceptron	Ankit Ullegaddi	BITS Pilani	175	p20240907@hyderabad.bits-pilani.ac.in
7	Towards development of a new criterion for performance assessment of galvanic cathodic protection systems in reinforced concrete	Keerthi V. Thalakkal	IIT Madras	140	keerthigopinath95@gmail.com
8	Advanced acoustic emission indices for real-time corrosion monitoring in prestressed prisms	Mohit Singh	IIT Hyderabad	125	ce23resch01001@iith.ac.in
9	Flexural Behaviour of Ultra-High-Performance-Concrete (UHPC) Beams with Web Openings in Shear-span	Aditya Thimmaiah Gari	IIT Jammu	174	2021rce2034@iitjammu.ac.in
10	Effect of calcined red mud and calcined clay on physico-mechanical and microstructural properties of composite cement mortar	Nikhil Sanjay Nighot	CSIR-CBRI Roorkee	86	nikhilnighot1@gmail.com
11	Experimental study on the role of interface characteristics on the performance of concrete confined with UHPFRC	Rahul Reddy Morthala	IIT Hyderabad	9	ce22resch01007@iith.ac.in
12	Damage characterization at fiber-matrix interface in UHPC using wavelet entropy and frequency analysis of acoustic emission signals	Md Adil Ahmed	IIT Roorkee	215	ma_ahmed@ce.iitr.ac.in
13	Structural Beam Strengthening Via NSM Prestressed CFRP Technique	Shorya Dhariwal	IIT Jammu	115	shoryadhariwal9555@gmail.com
14	Optimum zone for isolation and damping system in RCC regular and irregular buildings using Time-history method	Agamoni Das	Jadavpur university	23	agamonidas.ju@gmail.com

15	Development of a Test Method for Passivation Study in Reinforced Concrete	Ananya-Shyja Ajayan	INSA Toulouse	147	ananyashyja@gmail.com
16	Behaviour of RC beams retrofitted using rebar coupler and textile reinforced composite under flexural loading	Mohan Lal	CSIR CBRI Roorkee	161	mohan.cbri20a@acsir.res.in
17	Effect of length and position of side externally bonded FRP sheets on the strengthening of RC beams using a progressive damage model	Riya Karmakar	NIT Rourkela	30	521ce1016@nitrkl.ac.in
18	Analyzing the thermal comfort and carbon footprint of building blocks developed from air lime	Anshika Tripathi	IIT Bombay	51	23b0636@iitb.ac.in
19	Impact of damper installation on non-ductile reinforced concrete structures: interaction effects and design considerations	Bajrabahu D.N. Deo	IIT Guwahati	32	dhananjaydeo2@gmail.com
20	Shashank_Mechanical Characterisation of Adobe and Masonry Walls from High-Altitude Ladakh	Shashank Kumar	IIT Roorkee	212	shashank_k@ce.iitr.ac.in
21	Structural condition assessment and repair strategies for industrial plant buildings affected by fire and blast incidents: a case study in maharashtra, India	Shashank Chandra	IIT Roorkee	1	schandra1@ce.iitr.ac.in
22	Non-contact based condition assessment of solar arrays	Deepali Moondra	IIT Jodhpur	37	m24cin001@iitj.ac.in
23	Failure analysis of hollow steel parking columns and bollards under vehicular impact	Ravaliya, N.	IIT Roorkee	164	ravaliya_r@ce.iitr.ac.in
24	Mechanical performance of Corroded IRS-450CR in chloride rich environment	Sharma A.	IIT roorkee	40	aashima_s@eq.iitr.ac.in
25	A novel Bayesian-optimized Gaussian mixture model classifier for weld damage detection in steel portal frames under limited impedance-based experimental data	Lukesh Parida	IIT Bombay	188	lukeshparida@iitb.ac.in