

List of Faculty Publications along with DOIs and Publication/Citation Details								
S. No.	Title of Paper	Name of the Author/s	Name of Journal	Year of Publication	ISSN Number	Link of the recognition	DOI	Index (Impact Factor, if there)
1	Experimental Analysis of Ethylene – Ter – Polymer (ETA) and Poly Phosphoric Acid (PPA) for modified bituminous concrete	Baljit Singh Sidhu, Maninder Singh, Jagbir Singh	Materials Today	2022	-	Experimental Analysis of Ethylene – Ter – Polymer (ETA) and Poly Phosphoric Acid (PPA) for modified bituminous concrete - ScienceDirect	https://doi.org/10.1016/j.matpr.2021.08.251	Elsevier
2	Investigation on limestone and granite as aggregates in bituminous concrete prepared using ETA and PPA modified bitumen	Baljit Singh Sidhu, Maninder Singh, Jagbir Singh	Materials Today	2022	-	Investigation on limestone and granite as aggregates in bituminous concrete prepared using ETA and PPA modified bitumen - ScienceDirect	https://doi.org/10.1016/j.matpr.2021.08.264	Elsevier
3	Towards automated structural stability design of buildings - A BIM-based solution	Satinder Kaur Khattrra, Hardeep Singh Rai, Jagbir Singh	Buildings	2022	ISSN 2075-5309	Buildings Free Full-Text Towards Automated Structural Stability Design of Buildings&mdash;A BIM-Based Solution (mdpi.com)	https://doi.org/10.3390/buildings12040451	SCI (IF = 2.703)
4	Experimental Investigation of Steel Fibre Reinforced Self Compacting Concrete (SCC) using Recycled Aggregates as Partial Replacement of Coarse Aggregates	Sunita Kotwal, Harpal Singh, Rajesh Kumar	Materials Today	2022	-	Experimental investigation of Steel Fibre reinforced Self Compacting Concrete (SCC) using recycled aggregates as partial replacement of coarse aggregates - ScienceDirect	doi.org/10.1016/j.matpr.2021.06.436	SCOPUS
5	Optimum High Strength Rebar Grade for Reinforced Concrete Flexural Members	Harvinder Singh	ACI Structural Journal (Paper Accepted)	2022	-	-	-	SCI/SCOPUS
6	Effect of load inclination on the uplift capacity of the granular anchor pile foundation in cohesive soil	Heena Malhotra, Sanjay Kumar Singh	Arabian Journal of Geosciences	2022	-	Effect of load inclination on the uplift capacity of the granular anchor pile foundation in cohesive soil SpringerLink	10.1007/s12517-022-10113-6	SCI
7	Study on Sulphate and Chloride Resistance of Self Compacting Concrete	Sunita Kotwal, Harpal Singh, Rajesh Kumar	Materials Today	2022	-	Study on sulphate and chloride resistance of self-compacting concrete - ScienceDirect	doi.org/10.1016/j.matpr.2021.06.454	SCOPUS
8	Shear Strength Models for Steel Fibre Reinforced Concrete Beams : Current Scenario	Ranjodh Singh, Harvinder Singh	Civil Engineering Journal	2021	e-ISSN: 2476-3055, p-ISSN: 2676-6957	Shear Strength Models for Steel Fibre Reinforced Concrete Beams: Current Scenario Singh Civil Engineering Journal (civilejournal.org)	10.28991/cej-2021-03091661	SCI/SCOPUS

9	Development of Rectangular Hybrid-stiffened-Plate Structural System with Fibre-Reinforced Polymer Fabric Composite in Tension Zone	Inderpreet Kaur, Harvinder Singh, H.S. Rai	Advances in Structural Engineering	2021	-	Development of rectangular hybrid-stiffened-plate structural system with fibre-reinforced polymer fabric composite in tension zone - Inderpreet Kaur Dhindsa, Hardeep Singh Rai, Harvinder Singh, 2021 (sagepub.com)	10.1177/1369433220948755	SCI/SCOPUS (IF = 0.69)
10	A statistical review to study the structural stability of buildings using building information modelling	Satinder Kaur Khatra, Jagbir Singh & Hardeep Singh Rai	Archives of Computational Methods in Engineering	2021	-	A Statistical Review to Study the Structural Stability of Buildings Using Building Information Modelling SpringerLink	https://doi.org/10.1007/s11831-021-09677-5	SCI (IF = 6.73)
11	Seismic Analysis of Multistorey Building Frame Resting on Plane and Sloping Ground	Puri Sonia, Singh Harpal.,Kaur Mandeep	International Research Journal of Engineering and Technology (IRJET)	2021	e-ISSN: 2395-0056, p-ISSN: 2395-0072	IRJET-V8I973.pdf	-	UGC
12	A Model Supported Biomedical Waste for the Enhancement of Mechanical Properties of Concrete	Mehvish Bilal, Navneet Singh, Tabasum Rasool	Modeling Earth Systems and Environment	2021	-	https://link.springer.com/article/10.1007/s40808-021-01215-3	10.1007/s40808-021-01215-3	SCOPUS (IF = 3.90)
13	An Innovation for Flat Traditional Conventional Footing	Aakriti Sharma, Prashant Garg, Amandeep Singh	Journal of University of Shanghai for Science and Technology	2021	ISSN 1007-6735	An-innovation-for-flat-traditional-conventional-footing.pdf (jusst.org)	-	SCI/SCOPUS
14	A Study on the Influence of Sodium Salt Solution on the Atterberg limits and Swelling of Bentonite Clay	Saurabh Kumar, Prashant Garg, Amandeep Singh	Journal of University of Shanghai for Science and Technology	2021	ISSN 1007-6735	A-Study-On-The-Influence-Of-Sodium-Salt-Solution-On-The-Atterberg-Limits-And-Swelling-Of-Bentonite-Clay.pdf (jusst.org)	-	SCOPUS
15	Behaviour of simply supported RC skew slabs stiffened with shallow beams	Harvinder Singh, Madhu	Advances in Structural Engineering	2021	-	Behaviour of simply supported RC skew slabs stiffened with shallow beams - Madhu Sharma, Harvinder Singh, naveen Kwatra, 2021 (sagepub.com)	10.1177/13694332211022071	SCI/SCOPUS (IF = 0.69)
16	Modeling the Response of a Piled-Raft Footing: Ultimate Bearing Capacity	Harvinder Singh, Prashant Garg	Iranian Journal of Science and Technology, Transactions of Civil Engineering volume	2021	-	Modeling the Response of a Piled-Raft Footing: Ultimate Bearing Capacity SpringerLink	10.1007/s40996-020-00529-z	SCI/SCOPUS (IF = 1.79)
17	Numerical Study of Laterally Loaded Piles in Soft Clay Overlying Dense Sand	Amanpreet Kaur, Harvinder Singh	Civil Engineering Journal	2021	p-ISSN : 2676-6957; e-ISSN : 2476-3055	Numerical Study of Laterally Loaded Piles in Soft Clay Overlying Dense Sand Kaur Civil Engineering Journal (civilejournal.org)	10.28991/cej-2021-03091686	SCOPUS

18	Effect of Addition of Micro Silica And Fly Ash On Workability and Durability of Concrete	Basit Mushtaq, H.S. Rai, Bhupinder Singh Walia, Syed Mohammad Waseem	International Research Journal of Modernisation of Engineering Technology and Science (IRJMETS)	2021	ISSN 2582-5208	fin_irjmets1636090585.pdf	-	SCOPUS (IF = 6.752)
19	Nonlinear Analysis of Two-layered SHCC and Reinforced Concrete Composite Slabs	Sukhmani Kaur, Pritpal Kaur, Inderpreet Kaur	Innovative Infrastructure Solutions	2021	-	Nonlinear analysis of two-layered SHCC and reinforced concrete composite slabs SpringerLink	10.1007%2Fs41062-021-00654-2	UGC
20	Comparative Study of Stabilization of Soil using RBI GRADE 81 and Terrazyme Soil	Sharanjeet Singh, Gurdeep Singh, Charanjeet Singh	SHODH SARITA	2021	ISSN 2348-2397	-	-	UGC
21	To Improve the Load Carrying Capacity of Strip Footing resting on GGBS Stabilized Geogrid Reinforced Clay	Harkeerat Singh, Gurdeep Singh, Amandeep Singh	Shodh Sanchar bulletin	2021	ISSN 2229-3620	-	-	UGC
22	Implementation Analysis of Solid Waste Management in Ludhiana City of Punjab	Ishfaq Showket Mir, Puneet Pal Singh Cheema, Sukhwinderpal Singh	Environmental Challenges	2021	-	Implementation analysis of solid waste management in Ludhiana city of Punjab - ScienceDirect	doi.org/10.1016/j.envc.2021.100023	Elsevier
23	Stabilization of Clayey Soil Using Waste Plaster of Paris and Groundnut Shell Ash	Satnam Singh, Gurdeep Singh	International Journal of Engineering Research and Applications	2021	ISSN 2248-9622	(61) Stabilization of Clayey Soil Using Waste Plaster of Paris and Groundnut Shell Ash IJERA Journal - Academia.edu	doi.org/10.9790/9622-1101041724	-
24	Finite Element Analysis of Inclined And Eccentric Loads on Strip Footing Resting on Geogrid Stabilised Fly Ash	Musaib Nazir, Gurdeep Singh, Heena Malhotra	Shodh Sanchar bulletin	2021	ISSN 2229-3620	-	-	UGC
25	To Improve Load Carrying Capacity of Square Footing in Clayey Soil by Addition of GGBS and Geogrid	Samar Preet Kour, Gurdeep Singh	Shodh Sanchar bulletin	2021	ISSN 2229-3620	-	-	UGC
26	To Improve the Bearing Capacity of Circular Footing placed on GGBS Stabilised Clayey Soil Reinforced with Geogrid	Abhijeet Singh, Gurdeep Singh, Charnjeet Singh	Shodh Sanchar bulletin	2021	ISSN 2229-3620	-	-	UGC
27	To Investigate the Mechanical and Durability Properties of Cement Mortar Incorporating Agrowaste	Akash Aneja, R.L. Sharma, Harpal Singh	Journal of Green Engineering	2021	-	Journal of Green Engineering (jgenng.com)	-	SCOPUS
28	Experimental and Numerical Study of Influence of Vertical Load on Laterally Loaded Single and Group Piles in Layered Sand	Amanpreet Kaur, Harvinder Singh, JagadaNand Jha	Journal of University of Shanghai for Science and Technology	2020	ISSN 1007-6735	Influence of vertical load on laterally loaded single and group piles in layered sand (jusst.org)	-	SCOPUS
29	Orthotropic Coefficients and Continuity Factors of Reinforced Concrete Slabs Supported on 3-sides	Sushant Gupta, Harvinder Singh	International Journal of Engineering Transactions B:Applications	2020	-	(PDF) Orthotropic Coefficients and Continuity Factors of Reinforced Concrete Slabs Supported on 3-sides (researchgate.net)	10.5829/ije.2021.34.02b.09	SCI/SCOPUS

30	Shear Capacity of Self-consolidating Concrete Beams	Harvinder Singh, Kanwarjeet Singh Bedi	ICE Proceeding of Structures and Buildings	2020	-	Shear Capacity of Self-consolidating concrete beams Request PDF (researchgate.net)	10.1680/jstbu.16.00178	SCI/SCOPUS
31	Closed-Form Solution for Shear Strength of Steel Fiber Reinforced Concrete Beams	Harvinder Singh	ACI Structural Journal	2020	-	Closed-Form Solution for Shear Strength of Steel Fiber- Reinforced Concrete Beams	10.14359/51721373	SCI/SCOPUS (IF = 0.9)
32	Biotransformation of paper mill sludge and tea waste with cow dung using vermicomposting	Vinay Kumar Bhadwar, Sukhwinderpal Singh, Balihar Singh	Bioresource Technology	2020	-	Biotransformation of paper mill sludge and tea waste with cow dung using vermicomposting - ScienceDirect	doi.org/10.1016/j.biortech.2020.124097	SCI/SCOPUS (IF = 7.5)
33	Effect of Nano Titanium Dioxide and GGBS on Flexural Behaviour of Concrete Beam	Hilal Ahmad Wani, Sukhwinder Singh, Tahir Mohammad Bhat	International Research Journal of Engineering and Technology (IRJET)	2020	ISSN 2582-5208	-	-	SCOPUS
34	Assessment of Building Information Modelling for Structural Analysis Domain	Satinder Kaur Khatra, Hardeep Singh Rai, Jagbir Singh	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	p-ISSN : 0976-6480; e-ISSN : 0976-6499	(PDF) ASSESSMENT OF BUILDING INFORMATION MODELING FOR STRUCTURAL ANALYSIS DOMAIN IAEME Publication - Academia.edu	10.34218/IJARET.11.8.2020.038	SCOPUS
35	Generating Structural Model Through Automatic Data Extraction using OpenBIM Technology	Satinder Kaur Khatra, Hardeep Singh Rai, Jagbir Singh	International Journal of Advanced Research in Engineering and Technology (IJARET)	2020	p-ISSN : 0976-6480; e-ISSN : 0976-6499	IJARET_11_07_060.pdf (iaeme.com)	10.34218/IJARET.11.7.2020.060	SCOPUS
36	Assessment on Polymer and Metal Matrix Composites in Structural Applications	Amandeep Kaur, Harpal Singh	International Journal of Creative Research Thoughts (IJCRT)	2020	ISSN 2320-2882	ASSESSMENT ON POLYMER AND METAL MATRIX COMPOSITES IN STRUCTURAL APPLICATIONS Request PDF (researchgate.net)	-	UGC
37	A Review on Metal and Polymer Matrix Composites	Amandeep Kaur, Harpal Singh, Sushil Bhatia	International Journal for Scientific Research and Development (IJSRD)	2020	ISSN (e) : 2321-0613	(61) A Review on Metal and Polymer Matrix Composites Amandeep Kaur - Academia.edu	-	UGC
38	Study of RC Wrapped Beam with Polymers and Metal Matrix Composites	Amandeep Kaur, Harpal Singh	International Research Journal of Engineering and Technology (IRJET)	2020	ISSN 2395-0056	Study of RC Wrapped Beam with Polymers and Metal Matrix Composites Request PDF (researchgate.net)	-	UGC
39	A review of different bacteria carriers used in the self healing mechanism	Prabhpreet Singh, Inderpreet Kaur, Navneet Singh	Materials Today	2020	-	A review of different bacteria carriers used in self-healing mechanism - ScienceDirect	doi.org/10.1016/j.matpr.2020.05.100	SCOPUS
40	Study on effect of encasing on pull-out response of granular anchor pile foundation	Heena Malhotra, Sanjay Kumar Singh	Arabian Journal of Geosciences	2020	-	Study on effect of encasing on pull-out response of granular anchor pile foundation SpringerLink	10.1007/s12517-020-05499-0	SCI

41	Experimental and Numerical Studies on Pull-out Behavior of Granular Anchor Pile Foundation Embedded in Sandy Soil	Heena Malhotra, Sanjay Kumar Singh	Arabian Journal for Science and Engineering	2020	-	Experimental and Numerical Studies on Pull-out Behavior of Granular Anchor Pile Foundation Embedded in Sandy Soil SpringerLink	10.1007/s13369-020-05013-4	SCI
42	Predictive Modelling of RC Skew Slabs : Collapse Load	Madhu Sharma, Naveen Kwatra, Harvinder Singh	Structural Engineering International	2019	-	Predictive Modelling of RC Skew Slabs: Collapse Load: Structural Engineering International: Vol 29, No 3 (tandfonline.com)	doi.org/10.1080/10168664.2019.1607648	SCI/SCOPUS
43	Analysis of Reinforced Concrete Rectangular Slabs with three-sides supported under Uniformly Distributed Load	Sushant Gupta, Harvinder Singh	Asian Journal of Civil Engineering	2019	-	Analysis of reinforced concrete rectangular slabs with three-sides supported under uniformly distributed load SpringerLink	10.1007/s42107-019-00182-6	SCI/SCOPUS
44	Study of Sand Coating on Waste Rubber Tyre Fibre for Improving Soil-Reinforcement Interaction	Darshan Singh, Prashant Garg	International Journal of Research and Analytical Reviews	2019	ISSN 2348-1269	http://www.ijrar.org/papers/IJRAR19J1381	-	UGC
45	Economic Analysis of Flexible Pavement by using Subgrade Soil Stabilized with Limestone Dust and Corn Cob Ash	Varinder Singh, Prashant Garg, Charnjeet Singh	International Journal of Research and Analytical Reviews	2019	ISSN 2348-1269	http://www.ijrar.org/papers/IJRAR19J4120	-	UGC
46	Strength Improvement of Clayey Soil by using Cement by-Pass Dust and leaf ash	Taranjeet Kaur, Prashant Garg	International Journal of Research and Analytical Reviews	2019	ISSN 2348-1269	http://www.ijrar.org/papers/IJRAR19J4301	-	UGC
47	Effect of Mill Scale and Renolith on Engineering Properties of Clayey Soil	Gurleen Kaur, Prashant Garg	International Journal of Research and Analytical Reviews	2019	ISSN 2348-1269	http://www.ijrar.org/papers/IJRAR19K2288	-	UGC
48	Experimental Study on Strength Improvement of Subgrade using Press Mud and Granite Dust	Sandeep Kumar, Prashant garg	Journal of Emerging Technologies and Innovative Research	2019	ISSN 2349-5162	JETIR1905072.pdf	-	UGC
49	Improvement in Strength of Black Cotton Soil by using Rice Husk Ash and Eggshell Powder	Vishal Thakur, Prashant garg	Journal of Emerging Technologies and Innovative Research	2019	ISSN 2349-5162	JETIR1904H25.pdf	-	UGC
50	Bearing Capacity Analysis of Ring Footing on Clay with Sand Trench	Namrta Dhiman, Prashant Garg	Journal of Emerging Technologies and Innovative Research	2019	ISSN 2349-5162	JETIR Research Journal	-	UGC
51	Improving the Bearing Capacity of Circular Footing on Silty Clay with Pond ash Pile in Skirt	Javeed Ahmad Khan, Baljit Singh, Prashant Garg, Charnjeet Singh	Journal of Civil Engineering and Environmental Technology	2019	p-ISSN: 2349-8404; e-ISSN: 2349-879X	Microsoft Word - 05 Javeed ahmad khan 134- (krishisanskriti.org)	-	UGC

52	Numerical Analysis of Circular Skirted Foundation Resting on Sand	Sneha Thappa, Prashant Garg	Journal of Emerging Technologies and Innovative Research	2019	ISSN 2349-5162	JETIR Research Journal	-	UGC
53	Formation of Aerobic Granules in Lab Scale Sequential Batch Reactor for Waste Water Treatment	Avneet Kaur, Puneet Pal Singh Cheema	Journal of Civil Engineering and Environmental Technology	2019	p-ISSN: 2349-8404; e-ISSN: 2349-879X	-	-	UGC
54	Parametric Study of Multi-Storey R/C Building with Plan Irregularity	Akash Aneja, Harpal Singh	International Journal of Science and Research (IJSR)	2019	2319-7064	(61) Parametric Study of Multi-Storey RC Building with Plan Irregularity akash aneja - Academia.edu	-	UGC
55	Performance of Different Shear Wall Positions in Building using Pushover Analysis	Asna Yani, Harpal Singh	Journal of Civil Engineering and Environmental Technology	2019	p-ISSN: 2349-8404; e-ISSN: 2349-879X	Microsoft Word - 02 ASNA YANI 123- (krishisanskriti.org)	-	UGC
56	Flexural Modelling of Trapezoidal Hybrid Beam: Design Charts and Procedure	Inderpreet Kaur, Harvinder Singh, H.S. Rai	Materials Today	2018	-	Flexural Modeling of Trapezoidal Hybrid Beam: Design Charts and Procedure - ScienceDirect	doi.org/10.1016/j.matpr.2018.10.012	SCI/SCOPUS
57	Economic Appraisal of Pavement with Stone Dust as an Additive for Subgrade Improvement	Rakesh Kumar, Prashant Garg	International Journal of Research and Analytical Reviews	2018	ISSN 2348-1269	IJRAR Research Journal	-	UGC
58	Shear Failure Analysis of High Strength Self Compacting Concrete Beams	K.S. Bedi, Rajesh Kumar, S.P. Singh, Harvinder Singh	International Journal of Research In Engg and Applied Sciences, Vol. 3(2), pp 58-65	2018	ISSN 2455-6300	SHEAR-FAILURE-ANALYSIS-OF-HIGH-STRENGTH-SELF-COMPACTING-CONCRETE-BEAMS.pdf (anveshanaindia.com)	-	SCOPUS (IF = 0.21)

List of Faculty Publications along with DOIs and Publication/Citation Details								
S. No.	Title of Paper	Name of the Author/s	Name of the Conference	Year of Publication	ISBN/ISSN Number	Link of the recognition	DOI	Indexing
1	Waste Material: A Sustainable Remediation for Settlement caused by Pseudo-Static Loading at Nearby Footing	Aashim Gupta, Prashant Garg, Charnjeet Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-7	Waste Material a Sustainable Remediation for Settlement Caused by Pseudo-static Loading at Nearby Footing SpringerLink	10.1007/978-981-15-9554-7_16	SCOPUS
2	Building Information Modelling (BIM) based sustainable management of a construction project	Satinder Kaur Khattrra, Hardeep Singh Rai & Jagbir Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-7	Building Information Modeling (BIM)-Based Sustainable Management of a Construction Project SpringerLink	10.1007/978-981-15-9554-7_18	SCOPUS
3	Use of Construction Factor-Based Particle Swarm Optimization in Design of Reinforced Concrete Beams	Sonia Chutani, Jagbir Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-8	Use of Constriction Factor-Based Particle Swarm Optimization in Design of Reinforced Concrete Beams SpringerLink	10.1007/978-981-15-9554-7_49	SCOPUS
4	Leveraging the potential of BIM towards Sustainable Construction	Satinder Kaur Khattrra, Hardeep Singh Rai, Jagbir Singh	First International Conference on Sustainable Infrastructure with Smart Technology for Eneregy and Environmental Management (FIC-SISTEEM-2020) 3-4 September 2020, Tamil nadu, India	2021	978-981-15-9554-9	(PDF) Leveraging the Potential of BIM towards Sustainable Construction (researchgate.net)	10.1088/1757-899X/955/1/012011	SCOPUS
5	Performance Based Evaluation: A Quantitative Tool for Sustainable Earthquake-Resistant Design	Krishna Murari, Harvinder Singh, Savleen Takkar	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-10	Sustainable Development Through Engineering Innovations SpringerLink	10.1007/978-981-15-9554-7	SCOPUS
6	Development of Sustainable Concrete using Bacteria as Self-Healing Agent	Krishna Murari, Pritpal Kaur	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-11	Development of Sustainable Concrete Using Bacteria as Self-healing Agent SpringerLink	10.1007/978-981-15-9554-7_62	SCOPUS
7	Biotransformation of Industrial Waste for Nutrient-Rich Vermicompost - A Review of the Bioconversion Process by Earthworms	Vinay Kumar Bhadwar, Sukhwinderpal Singh, Balihar Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-12	Biotransformation of Industrial Wastes for Nutrient Rich Vermicompost—A Review of the Bioconversion Process by Earthworms SpringerLink	10.1007/978-981-15-9554-7_23	SCOPUS
8	Design and Cost Analysis for the Rehabilitation of the Flexible Pavement through the Study on Traffic Data	Sandeep Kaur and Prabhjot Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-13	Design and Cost Analysis for the Rehabilitation of a Flexible Pavement Through the Study on Traffic Data SpringerLink	10.1007/978-981-15-9554-7_64	SCOPUS

9	Self Healing of Concrete using Bacterial Solution	Navneet Singh, Harvinder Singh, Ajitpal Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-14	Self-Healing of Concrete Using Bacterial Solution SpringerLink	10.1007/978-981-15-9554-7_32	SCOPUS
10	Performance Evaluation for Use of Recycled Concrete Aggregates in Flexible Pavement	Pushpinder Singh, S.K. Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-15	Performance Evaluation for Use of Recycled Concrete Aggregates in Flexible Pavement SpringerLink	10.1007/978-981-15-9554-7_27	SCOPUS
11	Design Strategies for an MBR System for a Complex Influent	Harpreet Rai, Avneet Kaur	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	978-981-15-9554-7	Design Strategies for an MBR System for a Complex Influent SpringerLink	10.1007/978-981-15-9554-7_2	SCOPUS
12	Techniques and Various Efficiency Evaluation Tests for Self-Healing Cement-Based Matrix - State-of-the-Art	Mavjot Kaur, Krishna Murari, Inderpreet Kaur	IOP Conference Series - Material Science and Engineering	2021	1757-8981	Techniques and various efficiency evaluation tests for self-healing cement-based matrix: State-of-the-art - naSA/ADS (harvard.edu)	10.1088/1757-899X/814/1/012023	SCOPUS
13	Minimizing Weight of Frames by Adopting Built-Up Sections Over Hot-Rolled Sections for Sustainable Construction	Sukhwinder Singh, Harpal Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	Minimizing Weight of Frames by Adopting Built-up Sections Over Hot-Rolled Sections for Sustainable Construction SpringerLink	10.1007/978-981-15-9554-7_53	SCOPUS
14	Effect of Sand and Geocell on Bearing Capacity of pond ash	Amandeep Singh, Gurdeepak Singh, Anupam Ranikesh nayal.	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	-	-	SCOPUS
15	Behaviour of Skirted Square Footing Resting on Sand Bed and Backfilled by Pond Ash	Harwinder Kaur, Gurdeepak Singh and Amandeep Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	-	-	SCOPUS
16	Soil Stabilisation by Using Coconut Shell Ash (CSAP) and Egg Shell Powder (ESP)	Aakshi, Gurdeepak Singh and Pardeep Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	-	-	SCOPUS
17	Influence of Graphene Oxide (GPO) on properties of cement composites	Sahibdeep Singh Setia, Sukhwinder Singh and Tanpreet Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	-	-	SCOPUS
18	Flexural Strength Enhancement of Polypropylene Fibre-Reinforced Concrete Members	Lakhvir Kaur, Harvinder Singh	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	Flexural Strength Enhancement of Polypropylene Fiber-Reinforced Concrete Members SpringerLink	10.1007/978-981-15-9554-7_33	SCOPUS
19	Study of Lateral Capacity of a Single Pile in Clay Overlying Sand	Amanpreet Kaur, Harvinder Singh, J. N. Jha	International Conference on Sustainable Development through Engineering Innovations (SDEI 2020)	2021	-	Study of Lateral Capacity of a Single Pile in Clay Overlying Sand SpringerLink	10.1007/978-981-15-9554-7_25	SCOPUS
20	Application of Fibre Reinforced Polymer Laminates in Strengthening of Structures	Yuvraj Singh, Harvinder Singh	3rd International Conference on Innovative Technologies for Clean and Sustainable Development	2020	978-3-030-51485-3	Applications of Fiber Reinforced Polymer Laminates in Strengthening of Structures SpringerLink	10.1007/978-3-030-51485-3_17	-

21	Effect of Steel Fibres on the Sorptivity of Concrete	Yuvraj Singh, Harvinder Singh	Fatigue Durability of India, 2019	2020	978-981-15-4779-9	Effect of Steel Fibers on the Sorptivity of Concrete SpringerLink	10.1007/978-981-15-4779-9_32	SCOPUS
22	Optimum design of RC columns	Rahul Gupta & Jagbir Singh	Concrete: The Global Builder	2019	978-93-5351-262-0	UCC-2019-516.pdf (ukiericoncretecongress.com)	-	SCOPUS
23	Cost optimisation of RC beams using a meta heuristic technique	Sukhwinder Singh & Jagbir Singh	Concrete: The Global Builder	2019	978-93-5351-262-0	UCC-2019-420.pdf (ukiericoncretecongress.com)	-	SCOPUS
24	Parametric study of Multistorey RCC building with plan irregularity	Harpal Singh & Akash Aneja	Concrete: The Global Builder	2019	978-93-5351-262-0	Parametric Study of Multi-Storey R/C Building with Plan Irregularity (ijsr.net)	10.21275/ART20199323	SCOPUS
25	An economical design of reinforced concrete frame structure	Sonia Chutani & Jagbir Singh	Concrete: The Global Builder	2019	978-93-5351-262-0	UCC-2019-408.pdf (ukiericoncretecongress.com)	-	SCOPUS
26	Effect of Human Hair Fiber on Strength of Concrete	Navneet Singh, Mehvish Bilal, Navjot Singh	International Journal of Emerging Technologies and Innovative Research (Conference held in GGI, Khanna)	2019	ISSN 2349-5162	EFFECT OF HUMAN HAIR FIBER ON STRENGTH OF CONCRETE (jetir.org)	-	UGC
27	The Robust Solar Network for Strategic Water Management	Mehvish Bilal, Navneet Singh	International Journal of Emerging Technologies and Innovative Research (Conference held in GGI, Khanna)	2019	ISSN 2349-5162	JETIR Research Journal	-	UGC
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