

Publications in Journals				
S. No.	Title	Author(s)	Year	Name of the Journal
1	Non-Destructive Techniques for Corrosion Monitoring in RC Structural Members	Yuvraj Singh, Harvinder Singh	2017	International Journal of Advanced Multidisciplinary Research (IJAMR) 9(1) 2017: January-June, pp. 47-51
2	Stress strain behaviour of sand with disc plate shaped reinforcement	JN Jha, SK Shukla, AK Choudhary, KS Gill, BP Verma	2017	Sustainable Civil Infrastructures (SUCI), Springer International Publishing, GeoMEast 2017 International Congress and Exhibition
3	Economic Design of Reinforced Concrete Columns under Direct load and Uniaxial moments	Sonia Chutani & Jagbir Singh	2016	International Journal of Earth Sciences and Engineering (ISSN 0974-5904), Vol.9, No. 3, June 2016, pp 280-284.
4	Effect of Super Plasticizer on the Mechanical and Durable Properties of High Volume Cementitious Concrete	Prem Gandhi, Harpal Singh	2016	IJSTE - International Journal of Science Technology & Engineering
5	Enhancing performance of concrete slabs using steel fibres	Harvinder Singh	2016	Indian concrete Journal
6	Flexural modelling of steel-fibre-reinforced concrete member with conventional tensile rebars	Harvinder Singh	2016	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS - STRUCTURES AND BUILDINGS
7	Performance evaluation of nature-inspired algorithms for the design of bored pile foundation by artificial neural networks	Singh Gurdeepak, Walia B.S.	2016	Neural Computing and Applications, Springer Journal, Online first, 27(4), ISSN 0941-0643, DOI: 10.1007/s00521-016-2345-1, Thomson Reuter Impact Factor 1.492
8	Physical & Analytical Investigation of Concrete with Replacement of Cement with Egg Shell Powder & Coal Powder Ash	Varinder Singh, Harpal Singh	2016	IJSTE - International Journal of Science Technology & Engineering
9	Steel Fibers as the Only Reinforcement in Concrete Slabs: Flexural Response and Design Chart	Harvinder Singh	2016	Structural Engineering International
10	Strength and performance of steel fibre-reinforced concrete stiffened plates	Harvinder Singh	2016	Magazine of concrete Research
11	Strength behaviour of Clayey Soil Reinforced with Human Hair as Natural Fiber	Butt, W.A., Mir, B.A. and Jha, J.N.	2016	International Journal of Geotechnical and Geological Engineering,
12	Strength behaviour of Clayey Soil Stabilized with Saw Dust Ash	Butt, W.A., Karan Gupta and Jha, J.N	2016	Journal of geo Engineering
13	Strength Evaluation of Soil Subgrade Using In-situ Tests	Daljeet Singh, JN Jha, KS Gill	2016	Civil Engineering and Architecture 4(6): 201-202, 2016

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14	A review on the application of fibre reinforced polymer in reinforced concrete structures	Inderpreet Kaur, Hardeep Singh Rai and Harvinder Singh	2015	The Indian Concrete Journal, Vol. 89, Issue 4, pp. 14-20
15	A survey of modern optimization techniques for reinforced concrete structural design	Jagbir Singh & Sonia Chutani	2015	International Journal of Engineering Science Invention Research and Development, (e-ISSN: 2349-6185), Vol. II, Issue I, July 2015, pp 55-62.
16	Bearing Capacity and Settlement Characteristics of Sand Subgrade with Vertical Reinforcement Supporting a Square Footing	Jha, J.N and Shukla, S.K	2015	International Journal of Geosynthetics and Ground Engineering
17	Characterization and prediction of storm water runoff quality in sub-tropical rural catchments	Cheema P.P.S, Reddy A.S., Kaur Sukhpreet	2015	Water Resources
18	Column optimization using a direct search method	Jagbir Singh & Sonia Chutani	2015	International Journal of Innovations in Engineering and Technology (ISSN: 2319-1058), Vol.5, Issue 1, Feb 2015, pp 365-369.
19	Gravitational search technique for optimum design of reinforced concrete T-Beams	Puneet Mittal, Sonia Chutani & Jagbir Singh	2015	International journal of Innovations in Engineering and Technology (ISSN: 2319-1058), Vol. 6, Issue 1, October 2015, pp 111-118.
20	Improving Structural Performance Using Fibres in Concrete	Gurpuneet Singh, Hemant Sood and Harvinder Singh	2015	International Resarch Journal of Engineering and Technology.(IRJET)
21	Particle swarm optimization technique for reinforced concrete beams	Jagbir Singh & Sonia Chutani	2015	International Journal of Earth Sciences and Engineering (ISSN 0974-5904), Vol.8, No. 6, December 2015, pp 2731-2737.
22	Quality Assessment of Crowdsourced Data against Custom Recorded Map Data	SS Sehra, HS Rai, J Singh	2015	Indian Journal of Science and Technology
23	Use of complex iterative method in structural design	Jagbir Singh & Sonia Chutani	2015	International Journal of Research Studies in Science, Engineering and Technology, (ISSN 2349-4751, Vol. 2, Issue 7, July 2015), pp 133-136.
24	Analytical Investigations and Design Charts for Rectangular Reinforced Concrete Stiffened-Plates	Harvinder Singh	2014	Engineering MECHANICS, Vol. 21, 2014, No. 4, p. 239–256
25	Behaviour of Plastic Waste Fibre-Reinforced Industrial Wastes in Pavement Applications	Jha, J.N, Choudhary, A.K., Gill, K.S. and Shukla, S.K	2014	International Journal of Geotechnical Engineering, 2014, Vol.8, No.3, PP 277-286 (ISSN 1938- 6362)
26	Critical Issues and Implications of E-Waste in India	Kaur Parminder, Singh Gurdeepak, Singh Jagdeep	2014	International Journal of Civil Engineering" Vol. 1, Spl. Issue 1 (2014), e-ISSN: 1694-2280, p-ISSN: 1694-2396, pp 59-61.

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27	Discrete optimization of one way slab using genetic algorithm	Hatindera Singh, Hardeep Singh Rai & Jagbir Singh	2014	International Journal of Engineering, Business and Enterprise Applications (ISSN: 2279-0020), Issue 9, Vol. 2, Aug. 2014, pp 116-121.
28	Elasto-Plastic Analysis of 3D Frames with Generalized Yield Function	Harpal Singh	2014	International Journal of Computers & Technology, www.cirworld.com Volume 14 No. 1 , ISSN 2277-3061
29	Flexural modelling of steel fibre-reinforced concrete members: Analytical Investigations	Harvinder Singh	2014	ASCE journal of Structural Design & Construction; DOI 10.1061/(ASCE)SC.1943-5576.0000244 , 04014046.
30	Multivariate analysis of wastewater quality of different human settlements in Punjab(India)	Cheema P.P.S, Reddy A.S., Garg L., Kaur D	2014	Environmental Engineering and Management Journal, 2014
31	Strength Improvement of Clayey Soil on addition of lime and old waste rubber tyre chips	Singh Varinder, Walia B.S, Singh Gurdeepak	2014	International journal of Civil Engineering, Vol 1, pp 47-49
32	Use of Rubber Tyre Waste and Cement for Stabilization of Clayey Soil	Singh Gurdeepak, Singh Charnjeet, Singh Jagdeep	2014	International Journal of Civil Engineering" Vol. 1, Spl. Issue 1 (2014), e-ISSN: 1694-2280, p-ISSN: 1694-2396, pp 53-54
33	Bearing Capacity of a Strip Footing Resting on Reinforced Fly Ash Slope: an Analytical Approach	Jha, J.N, Choudhary, A.K., Gill, K.S. and Shukla, S.K.	2013	Indian Geotechnical Journal, 2013, Vol.43, No.4, 354-366 (ISSN 0971-9555)
34	Determination of ultimate load capacity of bored pile by artificial neural network	Gurdeepak Singh, Walia BS	2013	Indian Journal of research in Engg and Technology, 1(1), pp 1-4
35	Effect of recycled coarse aggregates on characteristic strength of different grades of concrete	Pinal C Khergamwala, Jagbir Singh and Rajesh Kumar	2013	International Journal of Civil Engg and Technology PP 186-192
36	Experimental and numerical studies of loaded strip footing resting on reinforced fly ash slope	Gill, K.S., Choudhary, A.K., Jha, J.N.* and Shukla ,S.K."	2013	Geo-synthetic International, Vol. 20, No. 1, PP 13-25
37	Large model footing load test on reinforced coal ash slope	Gill, K.S., Choudhary, A.K., Jha, J.N.* and Shukla ,S.K	2013	International Journal of Geotechnical Engineering, 2013, Vol.7, No.3, PP 257-265 (ISSN 1938-6362)
38	Mechanics of reinforced flyash slopes: A qualitative review	Harvinder Singh	2013	Journal of Structural Engineering, Vol. 2(1) 2013 PP 1-8
39	Relative Study of Solvers for Finite Element Analysis	Harpal Singh	2013	International Journal of Computers & Technology, www.cirworld.com Volume 4 No. 2 , ISSN 2277-3061

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S. No.	Title	Author(s)	Year	Name of the Journal
40	A review on bioengineering for slope stability	Gurdeepak Singh, Harvinder Singh and Walia BS	2012	International Journal of Engineering Science and Management, Gulzar Group of Institutes Khanna, Ludhiana, PB, Vol 2, No. 1, pp 216-218
41	CBR improvement of clayey soil with Geogrid Reinforcement	Pardeep Singh, KS Gill	2012	International Journal of Emerging Technology and Advanced Engineering, Vol 2, Issue 6, pp 315-318
42	Correlation between soaked CBR value and CBR value obtained with DCPT	Parampreet Kaur, Gill KS and Walia BS	2012	International Journal of Research in Engineering and Applied Sciences Vol2 Issue 2 Feb 2012 PP 1243-1250
43	Designing Laterally Loaded RC Stiffened-Plates: Energy-Balance Concept	Harvinder Singh	2012	ISRN Civil Engineering; Vol. 2012 PP 1-9
44	Improving E-Learning with Neural Networks	Kaur Parminder, Kaur Kiranjit, Singh Gurdeepak	2012	International Journal of Computing & Business Research, ISSN (Online): 2229-6166,
45	Laterally Loaded Reinforced Concrete Stiffened-Plates: Analytical Investigations	Harvinder Singh	2012	ASCE journal of Structural Design & Construction PP 21-29
46	Liquefaction susceptibility assessment of a soil deposit	Kaur Gagandeep, Rai H S, Singh Gurdeepak	2012	International Journal of Research in Engineering & Applied Sciences, Volume 2, Issue 2 (February 2012), pp. 1748-1753
47	Liquid waste management	Ekonkar Singh, Saini MS and Walia BS	2012	International Journal of Engineering Science and Management, Gulzar Group of Institutes Khanna, Ludhiana, PB, Vol 2, No. 1, pp 156-158
48	Load bearing capacity of the footing resting on a reinforced flyash slope	K.S.Gill, J.N.Jha*, A.K.Choudhary and S.K.Shukla	2012	Journal of Civil Engineering and Architecture, USA, Vol. 6, No.5, May, 2012, PP 627-632
49	Optimum Size of recycled aggregates	Prashant Garg, Harvinder Singh and Walia B.S	2012	International Journal of Engineering Science and Management, Gulzar Group of Institutes Khanna, Ludhiana, PB, Vol 2, No. 1, pp 77-81
50	Solid waste and its management	Ekonkar Singh, Saini MS and Walia BS	2012	International Journal of Engineering Science and Management, Gulzar Group of Institutes Khanna, Ludhiana, PB, Vol 2, No. 1, pp 27-31
51	An experimental study on the load settlement behaviour of a fibre reinforced sand bed.	Arvind Kumar, Rajiv Bhatia, Walia B.S.	2011	International journal of Geotechnical Engineering (2011) 5, J Ross Publishing, USA pp 343 - 350
52	Health Monitoring and Retrofitting of Structures-A Review.	Harvinder Singh, Harpreet Gaba, HS Rai, SP Singh	2011	International Journal of Earth Sciences and Engineering Vol. 04, 2011.PP 681-683

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S. No.	Title	Author(s)	Year	Name of the Journal
53	Prediction of Collapse Load of Three-Side Supported Reinforced Concrete Rectangular Slabs: A Simplified Approach.	Harvinder Singh, Maneek Kumar, Naveen Kwatra	2011	Indian Concrete Journal , Vol. 85 (7), 2011.PP 21-28
54	Shallow-Beam Supported Reinforced Concrete Rectangular Slabs: An Alternate Design Procedure	Harvinder Singh, Maneek Kumar, Naveen Kwatra	2011	Emirate Journal of Engineering Research, Vol.16 (1), 2011. PP 53-62
55	A study on CBR behaviour of waste plastic strip reinforced soil	Choudhary, A.K., Jha, J.N.* and Gill, K.S.	2010	Emirates Journal of Engineering Research, vol 15(1) 2010 PP 9- 15
56	Bearing capacity improvement of soil using bamboo micropiles	Jha, J.N.*, Choudhary, A.K. and Gill, K.S	2010	International Journal of Earth Science and Engineering , Vol. 3, No.1 SPL, PP 167-176
57	Behavior of Shallow-Beam Supported Reinforced Concrete Rectangular Slabs: Analytical and Experimental Investigations	Harvinder Singh, Maneek Kumar, Naveen Kwatra	2010	Advances in Structural Engineering, Vol.13 (6), 2010.
58	Laboratory investigation of bearing capacity behaviour of strip footing on reinforced flyash slope	Choudhary, A.K., Jha, J.N*., and Gill, K.S.	2010	Geotextile and Geomembrane, vol 28(4),2010, PP 393-402
59	Effect of high fraction class F flyash on lime stabilization of soil	Jha, J.N.*, Gill, K.S. and Choudhary, A.K	2009	International Journal of Geotechnics and Environment (IJGE)1 (2), 2009, PP 105-128
60	Engineering properties of high volume class F flyash-soil mixture	Choudhary, A.K., Jha, J.N.* , and Gill, K.S.	2009	International Journal of Earth Science and Engineering , Vol. 2, No.4, 2009, PP 351-359

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1	Numerical Investigation of Strengthened Reinforced Concrete (RC) Beam using Finite Element Modelling	Yuvraj Singh	2017	International Conference on Sustainable Civil Engineering Practice - 2017
2	3-D Printing in Construction Technology - An Overview	Yuvraj Singh, Amandeep Singh Gill	2016	National Conference on Advances in Science & Technology (NCAST - 2016)
3	Artificial neural networks for shear strength prediction of RCC beams without web reinforcement	Hardev Singh, Bedi KS, Dhaliwal BS	2016	Proceedings of International Conference on Sciences, Engineering & Technical Innovations, June 2016
4	Comparative Study of RC Strengthened Beams using ANSYS	Yuvraj Singh, Amritpal Kaur, Inderpreet Kaur	2016	International Conference on Sciences, Engineering and Technical Innovation
5	FINITE Element Analysis of RC Slab with or without opening strengthened with FRP wraps	Yuvraj Singh, Tanu Garg, Inderpreet Kaur	2016	Advancements in Engineering and Technology (ICAET-2016)
6	Finite Element Modelling of RC beam strengthened with wire-mesh epoxy composites	Yuvraj Singh, Amritpal Kaur, Inderpreet Kaur	2016	National Conference on Advances in Science & Technology (NCAST - 2016)
7	Improvement in unconfined compressive strength of clayey soil with addition of cement and stone dust	Singh Gurdeepak, Walia BS	2016	3rd DAV National Conference on Science, Technology, Engineering, Humanities and Management
8	Strengthening of Reinforced Concrete Structures with different hybrid composite materials - An Overview	Yuvraj Singh, Amritpal Kaur, Inderpreet Kaur	2016	3rd DAV National Congress on Science, Technology, Engineering, Humanities & Management (STEHM-2016)

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S. No.	Title	Author(s)	Year	Name of the Conference / Proceedings
9	Some studies on the behaviour of sugarcane bagasse ash admixed with cement stabilized soil	BA Mir, Karan Gupta, JN Jha	2016	International Conference on Soil and Environment, ICSE 2016, Bangalore
10	Analysis of Deflection Control of Two Way Slab using Steel Plate under Concentrated Load	Tanu Garg, Yuvraj Singh, Inderpreet Kaur	2015	UKIERE, 2015
11	Analysis of underground water tank	Ravinder Maurya, Hardeep Singh Rai, Harpal Singh	2015	UKIERE, 2015
12	Comparative study of conventional method and finite element analysis for overhead water tank	Amninder Singh, Hardeep Singh Rai, Harpal Singh	2015	UKIERE, 2015
13	Discrete optimization of reinforced cement concrete column	Bikramjit Singh, H S Rai & Jagbir Singh	2015	International UKIERI Concrete Congress on "Concrete Research: Driving Profitability and Sustainability", NIT Jalandhar, (2-5 Nov. 2015), ISBN: 978-93-84869-82-3
14	Effect of curing methods on strength of concrete	Amandeep Gill, CS Singla, HS Rai, KS Bedi	2015	UKIERE, 2015
15	Effect of eggshell powder and stone dust on compaction characteristics and CBR value of Clayey Soils	Walia BS, Singh Gurdeepak, Singh Harpreet	2015	Proceedings of IGC, 2015
16	Effect of shear span to depth ratio on shear strength of recycled aggregate concrete beams	Pinal C Khergamwala, Jagbir Singh & Rajesh Kumar	2015	International UKIERI Concrete Congress on "Concrete Research: Driving Profitability and Sustainability", NIT Jalandhar, (2-5 Nov. 2015), ISBN: 978-93-84869-82-3

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17	Experimental study of characteristics of soil processed with fly ash and recron 3S	Walia BS, Singh Gurdeepak, Dhiman Gaurav	2015	National Conference on latest developments in Civil and Environment Engg, pp 200-204
18	Experimental Study on high strength self compacting concrete beams failing in shear	Sukhwinder Singh, KS Bedi, Rajesh Kumar	2015	UKIERE, 2015
19	Need of sustainable development and use of demolished aggregates for highway construction	Raj Kr. Maini, Amandeep Singh, SS Bhathal	2015	Advancements in Engg. & Technology, ICAET 2015
20	Numerical Investigation of Flexural Behaviour of Reinforced Concrete Beam using ANSYS"	Yuvraj Singh, Tanu Garg, Inderpreet Kaur	2015	UKIERE, 2015
21	Optimum Design - A novel approach for energy efficient structures	Sonia Chutani & Jagbir Singh	2015	International UKIERI Concrete Congress on "Concrete Research: Driving Profitability and Sustainability", NIT Jalandhar, (2-5 Nov. 2015), ISBN: 978-93-84869-82-3
22	Properties of self compacting concrete mixed with fly ash	Gurbir Kaur, Abhinandan Singh	2015	World academy of science ,engineering and technology, international science index.Civil and environmental engg.- 2015 (Dubai)
23	Stabilization of clayey soil by addition of cement and polypropylene fibre for use in road pavement	Singh Gurdeepak, Kaur Paraminder, Walia BS	2015	National Conference on latest developments in Civil and Environment Engg, pp 38-42
24	Strength Evaluation of Subgrade Soil using In-Situ Tests	Daljeet Singh, J N Jha, K S Gill, AS Gill	2015	Proceedings of IGC, Pune

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S. No.	Title	Author(s)	Year	Name of the Conference / Proceedings
25	Study of behaviour of a building L-shaped in plan	Harpal Singh	2015	UKIERE, 2015
26	Sustainable concrete Recycled aggregate concrete production by Aggregate replacement method	CS Singla, Amandeep Gill, HS Rai, KS Bedi	2015	UKIERE, 2015
27	A Comparative Study of Shear Wall Location/Configuration in a Framed System of Multi- Storey Building	Avnish Kumar, H S Rai, Harpal Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 400
28	An Experimental Investigation of Raft Foundation with Friction Piles	Heena Malhotra, Prashant Garg, Harvinder Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 577
29	An Overview Study of Water Cement Ratio, Admixtures and Curing on Carbonation of Concrete	Akshat Mahajan, Gaurav Nadda, Santokh Sra, K. S. Bedi	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 586
30	Analytical behaviour of Pile raft foundation in layered soil	Garg, P., Jha, J.N. and Singh, H.	2014	Indian Geotechnical Conference, Kakinada, 18-20 Dec., 2014 CD-Rome
31	Behavior of Piled-Raft Foundation in Layered Soil of Sand and Clay	Jatinder Pal Singh, Prashant Garg	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 526
32	Behaviour of Glass Fiber on Flexural Strength of Beam by Wet Bonding	Majid Jabbar, Inderpreet Kaur	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 414

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S. No.	Title	Author(s)	Year	Name of the Conference / Proceedings
33	Behaviour of Single Pile in Layered Soil	Prashant Garg, Ishfaq Ahmed Dar	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 612
34	Characteristics of Pile-Raft Foundation in Sand: An Experimental Investigation	Abhishek, Prashant Garg, Gurbuneet Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 462
35	Design Chart for foundation system reinforced with peripheral vertical inserts	Prashant Garg, Harvinder Singh, J.N.Jha	2014	Ground Improvement and Geosynthetics, GSP 238, ASCE 2014, Geo- Sanghai 2014, Sanghai, China, 26-28, May, 2014 pp 20- 29[ISBN (print): 978-0-7844-1340-1]
36	Development of Intensity-Duration-Frequency Curves for the Rural Watersheds of Punjab	Sukhpreet Bhatia, Puneet Pal Singh Cheema, Akipeti S. Reddy	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 627
37	Discrete Optimisation of RCC Beam and Cost Comparison between Ductile Detailing and without Ductile Detailing	Bikramjit Singh, Hardeep Singh Rai, Jagbir Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 499
38	Discrete Optimisation of T-beam using Genetic Algorithm	Hatindera Singh, Hardeep Singh Rai, Jagbir Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 316
39	Effect of baggasse ash stabilization of some properties of fine granular soils	Karan Gupta, J N Jha, B A Mir	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 252
40	Effect of Cement on Unconfined Compressive Strength of Clayey Soil	Ishfaq Ahmed Dar, Prashant Garg, K S Gill	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 134

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41	Effect of fiber content on stress-strain behaviour of reinforced rice husk ash	Jha, J.N., Gill, K.S., Choudhary, A.K. and Shukla, S.K.	2014	Indian Geotechnical Conference, Kakinada, 18-20 Dec., 2014 CD-Rome
42	Effect of Moisture Content in Carbonation of Silica Fume Concrete: Experimental Investigation	Harshdeep Singh, Nahida Nisar, K. S Bedi	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 618
43	Effect of Pine Needle Stabilization on Strength Behavior of Clayey Soil	Sarfraz Ahmed Chowdhary, B. A. Mir, J. N. Jha	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 543
44	Effect of Soil Density on Bearing Capacity of Piled- Raft Foundation: An Experimental Study	Sukhminder Singh Toor, Abhishek, Prashant Garg	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 671
45	Effect on CBR value and ductility of fine grained soil stabilized with sand and human hair as natural fibre	Y Prashar, Amandeep Singh, Harvinder Singh, JN Jha	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 67-77
46	Erosion study of foot hills of Dhauladhar by use of GPS and Total Station	Gurdeepak Singh, Amandeep Singh, Gurbuneet Singh and Charnjeet Singh	2014	National Conference at KCET, Amritsar 2014
47	Evaluation of Behavior of Polypropylene Fiber Reinforced Concrete Members	Lakhvir Kaur, Harjinder Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 535
48	Comparison between experimental and standard values of steel fibre reinforced concrete by using rebound hammer	Mandeep Singh, Inderpreet Kaur, HK Gaba	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 410

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49	Experimental Study of Shear Strength of High Strength Reinforced Concrete Beams	Balwinder Kaur, Harpal Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 333
50	Fibre Reinforced Polymer in Reinforced Concrete Structures: Past, Present and The Future	Inderpreet Kaur, Hardeep Singh Rai, Harvinder Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 556
51	Increase in CBR Value of Clayey Soil by addition of Cement & Rubber Tyre Waste	Kamaljit Singh Wazir, B.S.Walia, Gurdeepak Singh Kler	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 491
52	Influence of Cement and Fly Ash on Compaction and Strength Properties of Clayey Soil	Manish Bhutani, B S Walia	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 170
53	Mechanical and Durability Properties of Fly Ash Concrete Subjected to Elevated Temperature	Humaira Gulshan, K. S Bedi	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 602
54	Mechanical Properties of Fibre Reinforced Fly Ash Concrete	K. S. Bedi, Jashandeep Kaur, Tanu, Manu Nagpal	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 638
55	Model Study of Vertical & Batter Piles and Groups Subject to Lateral Load in Sands of Varying Density	Gurdeepak Singh, B S Walia, Pavitter Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 162
56	Neural Networks as an Appraisal Tool for Financial Applications	Kaur Parminder, Singh, Gurdeepak	2014	International Conference "Future and Challenges of Computational and Integrated Sciences" on 7th and 8th November, 2014. pp. 412-414

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57	Numerical Analysis of Bearing Capacity of Strip footing on two layered clays	Walia BS, Singh Gurdeepak, Gupta Mukesh	2014	Proceedings of IGC, 2014 pp 1464-1468
58	Numerical Analysis of Slab with Opening	Pritpal Kaur, Harpal Singh, Harvinder Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 451
59	Review on Suitability of Ground Improvement Techniques for Various Soils	Gurdeepak Singh, Manu Nagpal, Jashandeep Kaur	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 648
60	Settlement Behaviour of Piled-Raft Foundation in Clayey Soil	Kanwarpreet Singh, K S Gill, Prashant Garg	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 96
61	Shear Capacity Evaluation of Longitudinally Reinforced Self Compacting Concrete Beams: Non Linear Analysis	Er. Umer Farooq, K.S. Bedi	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 663
62	Shear Capacity of Self Compacting Concrete Beams: Experimental Study	Sukhwinder Singh, K S Bedi, Rajesh Kumar	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 347
63	Solid Waste Management through Composting: A Review	Preetinder Kaur, Amanpreet Kaur Sodhi, Prateek Singh	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 564
64	Stabilization of Kaolinite Soil using Cement Kiln Dust	Gurdeepak Singh Kler, B.S.Walia, Sachin Chopra	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 594

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65	Strength Behaviour of Clayey Soil Reinforced with Human Hair as a Natural Fibre	Wajid Ali, B A Mir, J N Jha	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 220
66	Strength Evaluation of Subgrade Soil using In-Situ Tests	Daljeet Singh, J N Jha, K S Gill	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 128
67	Striving for High performance in commercial buildings: An overview of Energy Conservation Measures	Jatinder Kaur, Ripu Daman Singh, J.N.Jha, Sanjeev K. Aggarwal	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 443
68	Triaxial Tests on Fiber Reinforced Rice Husk Ash	V Srivastava, Charnjeet Singh, K S Gill, J N Jha	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 182
69	UASBR: Performance Evaluation for an Agro Industry Effluent Treatment	Rupinder Singh Litt, S. K. Sharma, Sharwan Kumar	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 549
70	Utilisation of Hypo Sludge in M40 grade High Performance Concrete	Gurjit Singh Sidhu, Abhinandan Singh Gill	2014	Proceedings of GEPSID-2014-national conference, October 11-12, 2014, Ludhiana PP 341
71	An Insight into the Geotextile- Municipal Solid Waste Interface Characteristics	S.K.Shukla, A.K.Singh, and J.N.Jha	2013	Proceeding, Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. II, Ludhiana, 2013, PP 263-267 [ISBN:978-
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73	Assessment of strength Evaluation and structure stability of building destroyed in fire by using techniques of NDT	Inderpreet Kaur	2013	International conference of Research and Innovations in Mechanical Engg.
74	Bearing capacity analysis of footing on reinforced sand: Numerical Approach	Manpreet Singh, P Garg	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana PP 221-226
75	Biofuels for renewable energy - Issues and Solutions	Singh Gurdeepak, Kaur Paraminder and Walia BS	2013	Proceedings of National Conferene on Advancements in sustainable practices and innovations in renewable energy, pp 77-81
76	Characterisation and quantification of Pond water in Micro watershed of Village Kultham, Nawanshehar, Punjab	Puneet Pal Singh Cheema and Leena Garg	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana PP 88-93
77	Constitutive models for sustainable design of foundation systems	Singh, H. and Jha, J.N.	2013	Innovations in Concrete Construction, Concrete Congress, UKIERI, 5-8 March, 2013, Jalandhar, India, ISBN: 978-93-82880-06-6 [Conference 5], pp 2122-
78	Corrosion Monitoring and service life prediction of rebars in structural Concrete	Inderpreet Kaur	2013	International conference of Research and Innovations in Mechanical Engg.
79	Damage identification and behaviour of slabs using external laminates: A review Paper	HK Gaba, HS Rai, SP Singh	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana
80	Development of SCC using Rice Husk Ash as a supplementary cementing material	KS Bedi, Gurbir Kaur, Rajinderpal Kaur	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana

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81	Development of self compacting concrete using rice husk ash as supplementary cementing material	Kanwarjeet Singh Bedi, Gurbir Kaur Jawanda, Rajinderpal Kaur	2013	Geotechnical and geoenvironmental aspects of wastes and their utilization in infrastructure projects -2013
82	Effect of diesel pollutant on geotechnical parameters of soil	BS Walia, Gurdeepak Singh, Manpreet Kaur	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana
83	Effect of Reinforcement on Fly Ash Slope	P.Chandra, J.Singh, R.Kumar and J.N.Jha	2013	Proceeding, Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. II, Ludhiana,
84	Experimeental investigations on SCC using brick dust and coal ash as a fine aggregate replacement	KS Bedi, Rakhjinder Singh	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana
85	Experimental and numerical studies of loaded strip footing resting on reinforced fly ash slope	Gill, K.S., Choudhary, A.K., Jha, J.N.* and Shukla ,S.K	2013	Geo-synthetic International, 2013, Vol. 20, No. 1, PP 13-25, (ISSN 1072-6349)
86	Exploiting potential of BIM for Precast Costructions	Raninder Kaur Dhillon, HS Rai	2013	UKIERI Concrete Congress 2013 PP 576-584
87	Geotechnical aspects of highway construction along the canal	Singh, D., Jha, J.N. and Gill, K.S	2013	Indian geotechnical Conference, Roorkee, 22-24 Dec., 2013 CD-Rome
88	Laboratory Investigation of Rice Husk Ash-Cement Mix	K.S.Gill, J.N.Jha, A.K.Choudhary, and Raju Bansal	2013	Proceeding, Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. I, Ludhiana, 2013, PP 206-213 [ISBN:978-

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90	Mechanical Properties of high volume flyash concrete at elevated temperatures	Inderpreet Kaur	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana PP 562-572
91	Optimisation of piled raft foundation	Garg, P., Singh, H. and Jha, J.N.	2013	Innovations in Concrete Construction, Concrete Congress, UKIERI, 5-8 March, 2013, Jalandhar, India, ISBN: 978-93-82880-06-6 [Conference 4], pp 1724-
92	Prediction of project duration by use of neural network model	G Singh, BS Walia, Parminder Kaur	2013	International conference of Research and Innovations in Mechanical Engg.
93	Raft Foundation at the End of Early Years	P.Garg, J.N.Jha and H.Singh	2013	Proceeding, Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. II, Ludhiana, 2013, PP 321-329 [ISBN:978-
94	Recycled Aggregates: An Overview	Pinal Saini, Jagbir Singh and Rajech Kumar	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana PP 277-282
95	Reinforced Coal Ash Slope:Experimental Investigation	V.Singh, K.S.Gill, A.Singh	2013	Proceeding, Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. II, Ludhiana, 2013, PP 439-446 [ISBN:978-
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98	Shear strength characteristics of longitudinally reinforced SCC beams	KS Bedi, Rajesh Kumar, SP singh	2013	UKIERI Concrete Congress 2013 PP 1886-1896
99	Soil Structure Interaction Analysis of Plane frames using FEM	Harpal Singh	2013	Engineering Mechanics Institute , Northwestern University, Evanston, IL
100	Strength Behaviour of Reinforced Pond-Ash Cement Mix	K.Singh, J.N.Jha and K.S.Gill	2013	Proceeding, Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. II, Ludhiana, 2013, PP 488-494 [ISBN:978-81-923777-8- 0]
101	Study of diesel contaminated clayey soil	BS Walia, Gurdeepak Singh, Manpreet Kaur	2013	Proceedings of IGC, 2013 pp292
102	Study of SCC using marble powder and Coal Ash	KS Bedi, Ranjodh Singh	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana
103	Tests of uncontrolled burnt rice husk ash and cement mix	Harvinder Singh	2013	Proceedings of GGWUIP-2013-national conference, February 15-16, 2013, Ludhiana
104	Tests on Uncontrolled Burnt Rice Husk Ash and Cement Mix" Proceeding,	H.K.Khullar, K.S.Gill, H. Singh and J.N.Jha	2013	Geotechnical and Geoenvironmental Aspects of Waste and their Utilization in Infrastructure Projects, Vol. II, Ludhiana, 2013, PP 517-522 [ISBN:978-81-923777-8- 0]

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106	A Review of Containment of Solid Waste in landfills	Harvinder Singh	2012	Proceeding of Ground Improvement and Ground Control including Waste Containment with Geosynthetics (2012)
107	An innovative procedure for proportioning piled strip foundation system	Singh, K., Jha, J.N., Singh, H., Garg, P	2012	Indian Geotechnical Conference, Delhi, 13-15, Dec. 2012, Vol.I, pp 564-567
108	Effect of sand and stone dust on CBR value of clayey soil at various compaction levels	Walia BS, Gurdeepak Singh, Prashant Garg	2012	Proceedings of National Conference ICCE, pp92-94
109	Estimation of field compaction parameters	Shukla, S.K., Jha, J.N., Gill, K.S. and Choudhary, A.K	2012	Indian Geotechnical Conference, Delhi, 13-15, Dec. 2012, Vol. II, pp 668-671
110	Field values of Compaction Test Parameters	Shukla, S.K. and Jha, J.N.	2012	Proceeding AICTE Sponsored Staff Development Programme on Ground Improvement and Ground Control including Waste Containment with
111	Geographic Spatial object concepts in GIS	Walia BS, G Singh, Gurjot Walia and Parminder Kaur	2012	Proceedings of International Conference Geomatrix 12 held at IIT Pawai PP 542-545
112	Geosynthetics Reinforcements- Reinforcing Mechanisms and Case Studies	Shukla, S.K. and Jha, J.N.	2012	Proceeding AICTE Sponsored Staff Development Programme on Ground Improvement and Ground Control including Waste

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117	Load bearing capacity of a footing resting on the reinforced fly ash slope	Gill,K.S.,Choudhary, A.K., Jha, J.N. and Shukla, S.K	2012	Indian Geotechnical Conference, Delhi, 13-15, Dec. 2012, Vol. II, pp 664-667
118	Load bearing capacity of footing resting on the flyash slope with multilayer reinforcements	K.S.Gill, A.K.Choudhary, J.N.Jha and S.K.Shukla	2012	Geo- Congress:State of the Art and Practice in Geotechnical Engineering,GeoCongress 2012 (c) ASCE 2012,GSP225, pp 4262- 4271[ISBN-978-0-7844-1212-1
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122	Shallow and Deep Compaction for Made up and Insitu Soil	Gill, K.S. and Jha, J.N.	2012	Proceeding AICTE Sponsored Staff Development Programme on Ground Improvement and Ground Control including Waste Containment with
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126	Estimation of CBR values using dynamic cone penetrometer	K.S.Gill, J.N.Jha, A.K.Choudhary and S.K.Shukla	2011	13th International Conference of Association for Computer Methods and dvances in Geomechanics (IACMAG), 9-11 May, 2011, Melborne,
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129	Influence of Concrete Ingredients on Specific Heat: An Experimental Study	Harvinder Singh	2011	Proceeding of UKIERI Concrete Congress (2011) PP 256-268
130	Load bearing capacity of the footing resting on a reinforced flyash slope	K.S.Gill, J.N.Jha, A.K.Choudhary and S.K.Shukla	2011	International Conference on Advances in Geotechnical Engineering (ICAGE), 7- 9 Nov., 2011, pp 531-536 [ISBN-978-0-646-55142-5]
131	Mechanical Properties of Rice Husk Ash based SSC	HS Rai, KS Bedi, H Singh	2011	UKIERI 2011
132	Numerical study of footing on a single layer reinforced slope	Gill, K.S., Kaur, A., Choudhary, A.K. and Jha, J.N.	2011	Indian Geotechnical Conference, Kochi, 15-17, Dec. 2011, Vol. II, pp 839-842
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134	Optimum design of isolated column footing.	Harvinder Singh Jagbir Singh	2011	Proceedings of International Conference on Advances in Materials and Techniques for Infrastructure Development (AMTID 2011),Paper code: S047 PP1-8
135	Specifications for High Performance concrete in India	B Bhattacharjee, A Misra, HS Rai	2011	UKIERI 2011

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