

Publication Details as on October 2022

1.	SCI Journals	: 11
2.	Scopus journals	: 25
3.	Other International Journals	: 11
4.	National Journals	: 04
5.	International Conferences	: 48
6.	National Conferences	: 65
	Grand Total	: 164

No.	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1.	Effect of aperture size on the performance of Bamboo mat reinforced soil bed	K. S. Akhil, N. Sankar, S. Chandrakaran	Journal of Natural Fibers	2021 Volume 59 Issue 5	1-12
2.	Experimental investigation of response of different granular soil-3D geogrid interfaces using large-scale direct shear tests	Femy. M.Makkar, S.Chandrakaran, N. Sankar.	ASCE Journal of Materials in Civil Engineering	2019 Volume 31, Issue 4	04019012-1-14
3.	Development of Hybrid Material as Drainage Media and Efficiency Comparison of Various Vertical Drains	Anil Joseph, S. Chandrakaran, N. Sankar, Babu T. Jose	ASCE Journal of Materials in Civil Engineering	2019 Volume 31, Issue 2	04018367-1-9
4.	Behaviour of model footing on bamboo mat reinforced sand beds	K. S. Akhil, N. Sankar, S. Chandrakaran	Soils and Foundations, Elsevier	2019 Volume 59, Issue 5,	1324-1335
5.	Performance of shallow foundations resting on coir geotextile reinforced sand bed	Dharmesh Lal N Sankar S Chandrakaran	Journal of Soil Mechanics and Foundation Engineering, Springer	March 2017 Volume 54, Issue 1	60 - 64
6.	Effect of reinforcement form on the behaviour of coir geotextile reinforced sand beds	Dharmesh Lal N Sankar S Chandrakaran	Soils and Foundations, Elsevier	Volume 57, Issue 2, April 2017	227-236

7.	Behaviour of model footing resting on sand bed reinforced with multi-directional reinforcing elements	Harikumar M N Sankar S Chandrakaran	Geotextiles and Geomembranes, Elsevier	Volume 54, Issue 1, March 2016	60 –64
8.	Response Of Sand Reinforced With Multi-Oriented Plastic Hexa-Pods,	Harikumar M N Sankar S Chandrakaran	Journal of Soil Mechanics and Foundation Engineering, Springer	Volume 52, Issue 4, March 2015	211-217
9.	Standardization of Test Procedure for Tension Test on Coir Yarns and Woven Coir Geotextiles	E.A. Subaida, S.Chandrakaran N. Sankar	Geotechnical Testing Journal (GTJ),	Volume 32, Issue 3, May 2009	1-6
10.	Laboratory performance of unpaved roads reinforced with woven coir geotextiles	E.A. Subaida, S.Chandrakaran N. Sankar	Geotextiles and Geomembranes	Volume 27 2009	204-210
11.	Experimental investigations on tensile and pullout behaviour of woven coir geotextiles	E.A. Subaida, S.Chandrakaran N. Sankar	Geotextiles and Geomembranes	Volume 26, Issue 5, 2008	384-392

Scopus indexed Journals

No.	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1.	Nanocomposites are state-of-the-art in the field of ground improvement- a review	Swapna Thomas, S. Chandrakaran, N. Sankar	Materials Today: Proceedings	2022, DOI: /10.1016/j.mat pr.2022.03.45 4	2214- 7853
2.	Surface heave behaviour of sand bed reinforced with woven bamboo mat	K. S. Akhil, N. Sankar, S. Chandrakaran	Geotechnical and Geological Engineering,	2020, Vol:38 DOI:10.1007/s 10706-020- 01258-w.	3787– 3794
3.	Sustainable utilization of lightweight materials as structural fill for geotechnical applications	K Shireen, RM Varghese, N Sankar	IOP Conference series	2020, Vol-1114	1-8

4.	Strength behaviour of cohesionless soil reinforced with coconut leaf let as a natural material	V.P. Jishnu, N. Sankar, S. Chandrakaran	Materials Today: Proceedings	2020, DOI:10.1016/j.matpr.2020.04.637	S340-347
5.	Use of bamboo mat as a potential soil reinforcement material – An experimental study	Akhil K S, N. Sankar, S. Chandrakaran	Materials Today: Proceedings	2020 DOI: 10.1016/j.matpr.2020.02.794	S336-S339
6.	3-Dimensional numerical modelling of sand bed reinforced with 3D geogrids of triangular form	Femy.M.Makkar, M.V.Sreya, S. Chandrakaran, N.Sankar	Australian Geomechanics Journal	2019, Volume 54, Issue 2	99-110
7.	Effect of non-plastic fines on undrained response of fine sand	M. Akhila, K. Rangaswamy, N. Sankar	International Journal of Geomate	2019, Vol.16, Issue:54	170–175.
8.	Liquefaction susceptibility of silty sand and low-plastic clayey soils using hypoplastic model simulations	M. Akhila, K. Rangaswamy, N. Sankar	International Journal of Geotechnical Engineering	2019 DOI: 10.1080/19386362.2019.1655996	
9.	Liquefaction susceptibility of silty sand and low-plastic clayey soils	M. Akhila, K. Rangaswamy, N. Sankar	International Journal of Geotechnical Earthquake Engineering	2019, Volume 10, Issue 2, Article 1	

10.	Undrained Response and Liquefaction Resistance of Sand–Silt Mixtures	M. Akhila, K. Rangaswamy, N. Sankar	International Journal of Geotechnical and Geological Engineering	2018, DOI: 10.1007/s10706-018-00790-0	
11.	Performance of Compacted Lime Column and Lime-Fly Ash Column Techniques for Cochin Marine Clays	Anil Joseph, S. Chandrakaran, N. Sankar	International Journal of Geosynthetics and Ground Engineering	2018, Volume 4 Issue 33	1-16
12.	Behaviour of Model Square Footing Resting on Sand Reinforced with Three-Dimensional Geogrid	Femy.M.Makkar Sankar N Chandrakaran S	International Journal of Geosynthetics and Ground Engineering,	Springer (ISSN: 2199-9260) Vol.3, No.1, 2017	1-10
13.	Triaxial test on saturated sands reinforced with coir products	Dharmesh Lal N Sankar S.Chandrakaran	International Journal of Geotechnical Engineering	(ISSN: 1938-6362)	1-7
14.	Accelerated Subgrade Stabilization Using Enzymatic Lime Technique	Greeshma Nizy Eujine S.Chandrakaran N Sankar	Journal of Materials in Civil Engineering, ASCE (ISSN: 1943-5533)	DOI: 10.1061/(ASCE)MT.1943-5533.0001923 2017	1-7
15.	The engineering Behaviour of enzymatic lime stabilised soils	Greeshma Nizy Eujine S.Chandrakaran N Sankar	Proceedings of ICE-Ground Improvement, ICE Publishing (Thomas Telford)	DOI: 10.1680/jgrim.16.00014, 2017	1-11
16.	Effect of reinforcement form on the behaviour of coir geotextile reinforced sand through triaxial compression tests	Dharmesh Lal N Sankar S.Chandrakaran	International Journal of Geotechnical Engineering, Taylor and Francis (ISSN: 1938-6362)	DOI: 10.1080/19386362.2016.1275428 2017	1-7

17.	Performance of 3D geogrid reinforced sand under direct shear mode	Femy.M.Makkar Sankar N Chandrakaran S	International Journal of Geotechnical Engineering, Taylor and Francis (ISSN: 1938-6362)	DOI: 10.1080/19386362.2017.1336297	1-9
18.	Prediction of Bearing Capacity from SPT Values Using Genetic Algorithm	Athira C R Sankar N	Electronic Journal of Geotechnical Engineering	Vol.11, 2016	4091-4099
19.	Role of clay properties in improvement using small stone piles, Geotechnical Research	Hari G N Sankar S Chandrakaran	Institute of Civil Engineers, London, ICE Publishing (Thomas Telford)	Vol.3, No.1, March 2016.	17-28
20.	Influence Of Multi Directional Reinforcements on the Pore Pressure Dissipation and Volume Change Behaviour of Saturated Cohesionless Soils	M Harikumar N Sankar S Chandrakaran	International Journal of Geotechnical Engineering,	Vol.10, No.3, April 2016	304-310
21.	Predicting Response of Sand Combined with 3D Components using Artificial Neural Nets	M Harikumar N Sankar S Chandrakaran	International Journal of Earth Sciences and Engineering	Print ISSN 0974:5904, 2015	633-637
22.	Prediction of strength parameters of sand combined with three dimensional components using artificial neural networks	M Harikumar N Sankar S Chandrakaran	Australian Geomechanics Journal	Print ISSN: 0818-9110, 2015	97-108
23.	A Regression Model for Predicting the Response of Sand Reinforced with Random Multi-Oriented Reinforcements	M Harikumar N Sankar S Chandrakaran	Electronic Journal of Geotechnical Engineering,	Vol. 19 [2014],	4477-4490

24.	Enzyme Stabilization of High Liquid Limit Clay	Greeshma Nizy Eujine Lamanto T Somervell S.Chandrakaran N Sankar	Electronic Journal of Geotechnical Engineering,	Vol. 19 [2014], Bund. Q	6989-6995
25.	Behaviour of Marine Clays under Cyclic Loading: A Study of Marine Clays of Kochi	Anil Kmar P.S. N.Sankar S.Chandrakaran	International Journal of Earth Sciences and Engineering	Vol. 03, No. 01, February 2010	

Other International Journals

No.	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1.	Liquefaction susceptibility of silty sands based on steady state line concept	M. Akhila, K. Rangaswamy, N. Sankar	Journal of Geotechnical Studies	2019, Vol 4 Issue 1	32-50
2.	Liquefaction susceptibility of central Kerala	M. Akhila, K. Rangaswamy, N. Sankar	SN applied science	2019, DOI: 10.1007/s42452-019-0576-3	
3.	Multiple-Driven Fibre-Reinforced Columnar Intrusions for Vertical Drains—A Case Study	Anil Joseph, S. Chandrakaran, N. Sankar, Babu T Jose	Geotechnical Design and Practice	2019	125-135
4.	Comparison of Performance of Various Vertical Drains	Fifi Jacob, Anil Joseph, S. Chandrakaran, N. Sankar	Latest Thoughts on Ground Improvement Techniques, GeoMEast	2018	85-100
5.	Surface Heave Behaviour of Coir Geotextile Reinforced Sand Beds	Dharmesh Lal N Sankar S.Chandrakaran	Journal of The Institution of Engineers (India): Series A (IEI)	Springer (ISSN: 2250-2149) DOI: 10.1007/s40030-017-0190-6, 2017	1-5

6.	Confinement Effect of Coir Geocells on Sand Samples Under Triaxial Compression	Dharmesh Lal N Sankar S.Chandrakaran	International Journal of Engineering Research and Technology	Volume 4, Issue 33, (ISSN: 2278-0181), 2016	22-23
7.	Prediction of Compaction Parameters of Soils using Artificial Neural Network	Jeeja Jayan N Sankar	Asian Journal of Engineering and Technology	Volume 03 – Issue 04, Special issue 2015	368-375
8.	Prediction of Settlement of Shallow Footings on Granular Soils using Genetic Algorithm	Prasanth S N Sankar	Asian Journal of Engineering and Technology	Volume 03 – Issue 04, Special issue 2015	376-383
9.	Behaviour of Cohesionless Soil Reinforced with Three Dimensional Inclusions Under Plane Strain Conditions	M Harikumar N Sankar S Chandrakaran	Journal of Institute of Engineers India, Series A, Springer,	Volume 96, Issue 3, 2015	223-228
10.	An Alternate Method of Saturating Sand Specimens in Triaxial Tests	M Harikumar N Sankar S Chandrakaran	IJERT	Vol.3, Issue 9, 2014	760-763
11.	Menu Driven Guide in Field of Geotechnology	Greeshma Nizy Eujine Lamanto T Somervell N Sankar	IJESIT	Vol.3, Issue 4, 2014	645-649

National Journals

No.	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1.	Influence of Nylon Fibre reinforcement on Lime Stabilized Clayey Soil	PS Nagu S Chandrakaran N Sankar	Indian Journal of Geosynthetics and Ground Improvement	Vol 3, No 2, 2014	27-33
2.	Feasibility and Design of Enzymatic Lime Stabilized Subgrades for Highways,	Greeshma Nizy Eujine S.Chandrakaran N Sankar	Civil engineering Construction and Review,	sept 2015	66-70

3.	Crumb Rubber Modified Asphalt Concrete : A New Material For Pavements	S.Chandrakaran N Sankar	Civil engineering Construction and Review	Vol.15, No.12, December – 2002	42-47
4.	A PC Based Software For Analysis, Design and Detailing of Pile Foundations	N.Sankar Bijoy A. Varghese	Journal of Structural Engineering	Vol. 23, No.2, July 1996	63-71

International Conferences

No.	Title of the Paper	Author(s)	Name of the Conference	Venue & Date
1.	Effect of variation of strain rate on the tensile properties of Coconut leaf midrib - A sustainable material for ground improvement	V.P. Jishnu, N. Sankar, S. Chandrakaran	AIJR Proceedings, pp.76-82	2021
2.	Prediction of Liquefaction of Soils using Particle Swarm Optimization.	Anitta C Justin N. Sankar	SECON	FISAT May 12-15, 2021
3.	Prediction of bearing capacity from SPT value using ANN.	Saranya R, N Sankar, and S Chandrakaran	RACESD	Bhopal February 13-14, 2021
4.	Prediction of bearing capacity from SPT value using ANN-PSO.	Saranya R, N Sankar, and S Chandrakaran	SECON	FISAT May 12-15, 2021
5.	Settlement prediction of shallow foundations on cohesionless soil using hybrid ANN-PSO.	Krishna Pradeep P, N Sankar, S Chandrakaran	SECON	FISAT May 12-15, 2021

6.	Settlement prediction of shallow foundations on cohesionless soil using ANN.	Krishna Pradeep P, N Sankar, S Chandrakaran	RACESD	Bhopal February 13-14, 2021
7.	A Review on the Behaviour of Soil against Different Geosynthetic Interface	Femy.M.Makkar, S. Chandrakaran, N.Sankar	International Conference on Geotechniques for High speed Corridors, GHC 2019	Thiruvananthapuram, Kerala, July 24-27, 2019
8.	Use of bamboo mat as a potential soil reinforcement material- an experimental study	K S Akhil, N Sankar, S. Chandrakaran	ICNF 2019 - 4th International Conference on Natural Fibers	Porto, Portugal, 1-3 July, 2019
9.	Strength behaviour of cohesion less soil reinforced with coconut leaf let as a natural material	V.P. Jishnu, N. Sankar, S. Chandrakaran	ICNF 2019 - 4th International Conference on Natural Fibers	Porto, Portugal, 1-3 July, 2019
10.	Numerical study on the undrained response of silty sands under static triaxial loading	M Akhila, K Ranga Swamy, N Sankar	Proceedings of IACMAG Symposium	IIT Gandhinagar, 5-7 March 2019
11.	Undrained response of silty sands under static and cyclic loading.	M Akhila, K Ranga Swamy, N Sankar	Geomate 2018 Geotechnique, Construction Materials And Environment	Kuala Lumpur, Nov 20-22, 2018
12.	Applications of PLAXIS in Solving Geotechnical Problems involving Soil Reinforcement	Jithin K.M Dharmesh Lal N.Sankar S. Chandrakaran	2 nd Intl. Conference on Frontiers in Engineering, Applied Sciences and Technology	NIT Trichy April 27-28, 2018
13.	Finite Element Study on Settlement Reduction Characteristics of Cohesionless Soil Improved with Three Dimensional Plastic Hexapods	Divyasree.S Harikumar.M N.Sankar S. Chandrakaran	2 nd Intl. Conference on Frontiers in Engineering, Applied Sciences and Technology	NIT Trichy April 27-28, 2018

14.	Determination of Bearing Capacity of Geogrid Reinforced Soil Bed using PLAXIS 3D Software	Sreya M.V Femy M N.Sankar S. Chandrakaran	2 nd Intl. Conference on Frontiers in Engineering, Applied Sciences and	NIT Trichy April 27-28, 2018
15.	Bearing capacity improvement of sand reinforced with 3D geogrids of rectangular pattern	Femy.M.Makkar Sankar N Chandrakaran	International Conference on Environmental Geotechnology, Recycled Waste Materials and	NIT Jalandhar March 29-31, 2018
16.	Triaxial compression of sand reinforced with coir fibres	Dharmesh Lal N Sankar SChandrakaran	2nd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering, ACSGE	BITS Pilani February 26-28, 2018
17.	Determination of interface shear strength of 3D geogrid reinforced fine sand using large scale direct shear test	Femy.M.Makkar Sankar N Chandrakaran	2nd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering, ACSGE	BITS Pilani February 26-28, 2018
18.	Feasibility of 3D geogrids in the construction and rehabilitation of earth dams	Femy.M.Makkar Sankar N Chandrakaran	International Dam Safety Conference– 2018	Thiruvananthapuram, Kerala, January 23-24, 2018
19.	Liquefaction susceptibility of dam foundation soil	Akhila M Sankar N Kodi Ranga Swamy	International Dam Safety Conference– 2018	Thiruvananthapuram, Kerala, January 23-24, 2018
20.	Development of Critical state line from hypo plastic model simulations on triaxial strength of silty sand	Akhila M Sankar N Kodi Ranga Swamy	International Conference on CEASIDE 2018	GEC Thrissur Jan 18-20, 2018
21.	Bamboo as a sustainable soil reinforcement material- A review	Akhil. K. S N. Sankar S. Chandrakaran	International Conference on CEASIDE 2018	GEC Thrissur Jan 18-20, 2018

22.	Ann-based model for predicting the bearing capacity of square footing on coir geotextile reinforced soil	Dharmesh Lal N. Sankar S. Chandrakaran	International Conference on CEASIDE 2018	GEC Thrissur Jan 18-20, 2018
23.	Effect of Non-plastic Fines on Liquefaction Susceptibility of Fine Sands	Akhila M Sankar N Kodi Ranga Swamy	7th International Conference on Deep Foundation Technologies for Infrastructure Development in India	IIT Madras October 6-7, 2017
24.	Bearing Capacity of Square Footings Supported on Coir Geotextile Reinforced Sand	Dharmesh Lal N Sankar S Chandrakaran	10 International Conference on Sustainability in Geotechnical Engineering Practices and Related Urban	Mumbai, September 23-24, 2016.
25.	Liquefaction Susceptibility of Silty Sands based on Critical State Line Concept	Akhila M Sankar N Kodi Ranga Swamy	10 International Conference on Sustainability in Geotechnical Engineering Practices and Related Urban	Mumbai, September 23-24, 2016.
26.	Behavior of Model Square Footing Resting on Three Dimensional Geogrid Reinforced Sand Bed	Femy.M.Makkar Sankar N Chandrakaran S	10 International Conference on Sustainability in Geotechnical Engineering Practices and Related Urban	Mumbai, September 23-24, 2016.
27.	Behaviour of Square model footing on sand reinforced with woven coir geotextiles	Dharmesh Lal N Sankar S Chandrakaran	International conference on Sustainable Design, Engineering and	Cochin, May 14 (2016),
28.	Group floating stone compaction piles with low replacement area ratio in clay	Hari G N Sankar S Chandrakaran	Proceedings of the international conference on recent advances in civil engineering,	CUSAT, Kochi, pp 498-503., Jan 2016.

29.	Earthquake Analysis on Liquefiable soil with Building Load	Akhila M Sankar N Kodi Ranga Swamy	Deep Foundation Technologies for Infrastructure Development	September 29-30, 2015, IISc Bangalore, India
30.	Development of A Knowledge Bsaed Expert System For The Selection of Retaining Walls	Tintu Mary C N Sankar	Third International Conference in Modelling And Simulation In civil	ICMSC 2015,Dec 9-11, 2015, Quilon
31.	Prediction of shear strength of cohesionless soils reinforced with 3d inclusions using ANN	M Harikumar N Sankar S Chandrakaran	International Conference on Soft Ground Engineering	(ICSGE2015) 3-4 December 2015, Singapore.
32.	Defining the behavior of terra-lime stabilized soils	Greesma Nizy Eujine S.Chandrakaran	International Conference on Soft Ground Engineering	(ICSGE2015) 3-4 December 2015, Singapore.
33.	Behaviour of 3D Reinforced Cohesionless Soil Under Plane Strain Conditions	M Harikumar N Sankar S Chandrakaran	2nd International Conference on Emerging trends in technology and applied	2015, Saintgits College of Engineering, Kottayam
34.	Effect of Strength of Geocell material on mechanical behavior of Geocell reinforced sand	Sherin KS N Sankar S Chandrakara	2nd International Conference on Emerging trends in technology and applied	2015, Saintgits College of Engineering Kottayam
35.	Development of A Knowledge Bsaed Expert System For Selection of Retaining Walls	Tintu Mary C N Sankar	2nd International Conference on Emerging trends in technology and applied	2015, Saintgits College of Engineering, Kottayam
36.	Behaviour of sand reinforced with multi-oriented reinforcements	M Harikumar N Sankar S Chandrakaran	International Conference on Sustainable Civil	2014,ASCE India /IIT Hyderabad
37.	An Expert System in Visual Basic For Prediction Of Ground Modification	Chinchu Cherian N Sankar	International Conference on Global Innovations in	2013,Saingits college of engg.
38.	Artificial Neural Networks in predicting settlement of Foundations	M Harikumar N Sankar	International Conference on Global Innovations in	2013,Saingits college of engg.

39.	Strengthening of Unpaved Roads on Soft Subgrades Using Coir Geotextiles	E.A. Subaida, S. Chandrakaran and N. Sankar	International Conference on Geotechnical &	2008, KUALA LUMPUR
40.	Prediction of Pullout Strength of Woven Coir Geotextiles from Yarn Pullout resistance	E.A. Subaida, S. Chandrakaran and N. Sankar	The 12th International Conference of International Association for Computer Methods and Advances in	2008, Malaysia
41.	Behaviour of lime stabilized clayey soil reinforced with Nylon fibers	E.A. Subaida, S. Chandrakaran and N. Sankar	Proceedings of International Conference on Geotechnical and	Kuala Lumpur, Malaysia, 2008
42.	Behaviour of Nylon Fiber Reinforced Clayey Soils	S.Chandrakaran N Sankar Nagu P.S. Sudheer A	13th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering	December 2007 Calcutta.
43.	Development of an Interactive Offshore Data Base	N.Sankar C.R.Rakesh	Int. Conf. On Ocean Engg.	Madras, Dec. 11-14, 2001
44.	A Cost Effective Cyclic Triaxial Testing Unit	N.Sankar K.Vincent Paul	Intl. Conf. on Offshore and Nearshore Geotechnical Engineering	New Delhi, Dec.2-3,1999
45.	Effect stress History On Cyclic behaviour of a Marine Clay	N.Sankar S.Narasimha Rao	International Conference in Ocean Engineering	Madras, Dec. 17-20, 1996
46.	A Software For p-y Curve Method of Analysis of Offshore Piles	N.Sankar M.R.M.Nambiar	International Conference in Ocean Engineering	Madras, Dec. 17-20, 1996
47.	Expert System Applications in Civil Engineering	N.Sankar	Intl. Conf. on New Challenges for Civil Engineers of Developing countries in the 21st Century	New Dehi, Feb.28 – Mar.2, 1996

48.	Development of an Instrumented Cyclic Triaxial Testing Unit	N.Sankar K.Vincent Paul	Intl. Conf. on New Challenges for Civil Engineers of Developing countries in the 21st Century	New Dehi, Feb.28 – Mar.2, 1996
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National Conferences

No	Title of the Paper	Author(s)	Name of the Conference	Venue & Date
1.	Utilisation of Nano Titanium Dioxide as a Soil stabiliser	Ashima J Catherine, Athulya R, Chandrakaran S., Sankar N	International Conference on Structural Engineering and Construction Management(SECON'22)	June 01-03, 2022
2.	Plastic behaviour of Cohesive soils treated with Nano Titanium dioxide	Ashima J Catherine, Athulya R, Chandrakaran S., Sankar N	National Conference on Sustainable Practices in Civil Engineering	June 10-11, 2021
3.	A Review on Soil Reinforcement using Different Natural Fibers	Apurva AK S Chandrakaran N Sankar	Proceedings of Indian Geotechnical Conference	Vishakapatnam December 17-19, 2020
4.	Numerical Analysis of Bearing Capacity and Settlement Reduction of Bamboo Reinforced Sand Beds	Ajesh Shankar M, K. S. Akhil, N. Sankar, S. Chandrakaran	Proceedings of Indian Geotechnical Conference	Vishakapatnam December 17-19, 2020
5.	Numerical analysis of effect of thickness on bearing capacity of bamboo mat reinforced sand bed	Ajesh Shankar M, K. S. Akhil, N. Sankar, S. Chandrakaran	National Conference on Resilient Infrastructure (NCRI)	Trivandrum December 17-18, 2020
6.	Liquefaction criteria for silts and low-plastic clays: A review.	M. Akhila, K. Rangaswamy, N. Sankar	Proceedings of Conference of the Kerala state Technological Congress	Government Engineering College, Thrissur, 2019

7.	A review on the effect of inclusion of natural fibres in soils as a ground improvement material	V.P. Jishnu, N. Sankar, S. Chandrakaran	Indian Conference on Geotechnical and Geo-environmental Engineering, ICGGE-2019, MNNIT Allahabad	March 01-02, 2019
8.	Effect of particle size on the shear behaviour of soil -geogrid interface	Femy.M.Makkar, S. Chandrakaran, N. Sankar	Indian Conference on Geotechnical and Geo-environmental Engineering, ICGGE-2019,	MNNIT Allahabad, March 01-02, 2019
9.	Numerical modelling of 2D geogrid reinforced sand bed	M.V.Sreya, Femy.M.Makkar, S. Chandrakaran, N. Sankar	Indian Geotechnical Conference, IGC 2018, IISC Bangalore	December 13-15. 2018
10.	Numerical study on cyclic loading effects on the undrained response of silty sand.	P. C. Jithesh, M. Akhila, K. Rangaswamy, N. Sankar	Proceedings of Indian Geotechnical Conference, IISc Bangalore	2018
11.	Liquefaction Mitigation by Preloading – An Experimental Study.	M. Akhila, K. Rangaswamy, N. Sankar	Proceedings of 16th Symposium on Earthquake Geotechnical Engineering, Roorkee	2018
12.	Numerical Modelling of Geogrid Reinforced Sand Bed Using PLAXIS 3D Software	Sreya M.V Femy M N.Sankar S. Chandrakaran	National Conference on Recent advancements in Geotechnical Engineering 2018,	GCT Coimbatore April 20, 2018
13.	Numerical Modelling of Sand Bed Reinforced with Multi-Directional Plastic Components	Divyasree.S Harikumar.M N.Sankar S. Chandrakaran	National Conference on Recent advancements in Geotechnical Engineering 2018,	GCT Coimbatore April 20, 2018
14.	Behaviour of piled raft foundation under combined loading: an alaysis using plaxis 2D	Honey Sajan Thomas Sankar N	Sixth Indian Young Geotechnical Engineers Conference 6IYGEC	March 2017, NIT Trichy
15.	Prediction of pile capacity and settlement using genetic algorithm	Arathy C V Sankar N	Sixth Indian Young Geotechnical Engineers Conference 6IYGEC	March 2017, NIT Trichy
16.	Prediction of california bearing ratio using artificial neural network	Angel paul Sankar N	Sixth Indian Young Geotechnical Engineers Conference 6IYGEC	March 2017, NIT Trichy

17.	Settlement and Surface Heave characteristics of Geogrid Reinforced Cohesionless Soil	Femy.M.Makkar Sankar N Chandrakaran S	Indian Geotechnical Conference IGC2016	15-17 December 2016, IIT Madras,
18.	Alteration of cbr values in soft soils using enzymatic lime	Greesma Nizy Eujine S.Chandrakaran N Sankar	Indian Geotechnical Conference IGC2016	15-17 December 2016, IIT Madras, India.
19.	Prediction of Bearing Capacity and Settlement from SPT Values Using Genetic Algorithm	Athira C R Sankar N	Indian Geotechnical Conference IGC2016	15-17 December 2016, IIT Madras,
20.	Settlement and Surface Heave characteristics of Geogrid Reinforced Cohesionless Soil	Femy.M.Makkar Sankar N Chandrakaran S	Indian Geotechnical Conference IGC2016	15-17 December 2016, IIT Madras
21.	Laboratory evaluation of extent of smear zone due to columnar intrusion for cochin marine clays	Anil joseph Chandrakaran S Sankar N Babu T Jose	50th IGC	Pune, Maharashtra, December 2015
22.	Pile Capacity Prediction using Artificial Neural Network	Sherin KS N Sankar	Emerging Technological Advancements in Civil Engineering	Palakkad, April 2015
23.	Strength improvement of locally available soft clays in construction of highways using enzymatic formulations	Greeshma Nizy Eujine Lamanto T Somervell S.Chandrakaran N Sankar	National Conference on Geo-Environmental Issues And Sustainable Urban Development	Delhi, 2014
24.	Logarithmic Model For Subgrade Stabilization Using Enzymes	Greeshma Nizy Eujine S.Chandrakaran N Sankar	BJI NATCON	2014, Kollam
25.	Finite element analysis of piled-raft foundations with non-uniform piles	Minnu Tomichan N Sankar	National Conference on Recent Advancements in Geotechnical Engineering	April 22, 2014 , Coimbatore
26.	Comparative Studies on the Effectiveness of Different Backfill Strengthening	Rini John Alapatt N Sankar	National Conference on Recent Advancements in Geotechnical Engineering	April 22, 2014 , Coimbatore

	Techniques on Retaining Walls Using Plaxis			
27.	Prediction of Bearing Capacity and Settlement from Spt Values Using Artificial Neural Network	Christina Susan Thomas N Sankar	National Conference on Recent Advancements in Geotechnical Engineering	April 22, 2014 , Coimbatore
28.	Prediction of Engineering Properties of Soils from Index Properties Using Artificial Neural Network	Hridhya TS N Sankar	National Conference on Recent Advancements in Geotechnical Engineering	April 22, 2014 , Coimbatore
29.	Numerical Analysis of Stone Columns with and without Geosynthetic Encasement	PP Adhila Rahman N Sankar S Chandrakaran	National Conference on Recent Advancements in Geotechnical Engineering	April 22, 2014 , Coimbatore
30.	Potential Use of Laterite-Bentonite Mix to Attenuate Municipal Solid Waste Leachate	Anjana K V, Nishmia Salim S, Chandrakaran S, Sankar N	National Conference on Recent Advancements in Geotechnical Engineering	April 22, 2014 , Coimbatore
31.	Numerical Analysis of Stone Columns with and without Geosynthetic Encasement Using plaxis 2D	PP Adhila Rahman N Sankar S Chandrakaran	Colloquium on Transportation Systems Engineering and Management,	May 2014, Calicut
32.	Effect of Sulphates on the Geotechnical Properties of Lime Treated Soil	Anil Joseph, S Chandrakaran, N Sankar	Geotechnique	Calcutta, March 2014.
33.	Studies on behaviour of lime stabilized marine clay on precompression	Anil Joseph, S Chandrakaran, N Sankar, Babu T Jose	Indian Geotechnical Conference	2013, IIT Mumbai
34.	Pile settlement Prediction using Artificial Neural Network	Sherin KS N Sankar	National Conference on “4th Indian Young Geotechnical Engineer’s conference (4IYGEC)”	IIT Madras on May 2013
35.	Knowledge based expert system for prediction of ground water pollution	Reshmi P Sankar N	National Conference on “4th Indian Young Geotechnical Engineer’s conference (4IYGEC)”	IIT Madras on May 2013
36.	Settlement prediction of shallow foundations using artificial neural networks	M Harikumar N Sankar	National Conference on Recent Advancements in Geotechnical Engineering,	2012 , Coimbatore
37.	Development of an Electronic Dictionary of Geotechnical Engineering	Greeshma Nizy Eujine N.Sankar	National Conference on Recent Advancements in Geotechnical Engineering,	2012 , Coimbatore
38.	A Knowledge and Data-Driven Expert System for Ground Improvement	Chinchu Cherian N Sankar	National Conference on Recent Advancements in Geotechnical Engineering,	2012 , Coimbatore
39.	Settlement prediction of shallow foundations using Artificial Neural Networks	M Harikumar N Sankar	Indian Geotechnical Conference	2012, IIT Delhi
40.	Development of an Electronic Dictionary of Geotechnical Engineering	Greeshma Nizy Eujine N.Sankar	Indian Geotechnical Conference	2012, IIT Delhi

41.	A Knowledge and Data-Driven Expert System for Ground Improvement	Chinchu Cherian N Sankar	Indian Geotechnical Conference	2012, IIT Delhi
42.	Behaviour of Marine Clays Under Cyclic Loading	Anil Kumar P.S. N.Sankar S.Chandrakaran	National Conference on Advances in Civil Engineering(ACE08)	2008 Bhaktal
43.	Strength and Deformation Behaviour of Cochin Marine Clay	Anil Kumar P.S. N.Sankar S.Chandrakaran	Indian Geotechnical Conference – IGC 98	1998, Delhi
44.	Improvements to lime stabilized clayey soil by synthetic fibre reinforcement	Nagu P.S. S.Chandrakaran N.Sankar	Indian Geotechnical Conference – IGC 98	1998, Delhi
45.	Behaviour of Nylon Fiber Reinforced Clayey Soils	S.Chandrakaran N Sankar Nagu P.S.	National Conference on Recent Advances in Civil Engineering (RACE-2006)	2006, Cochin
46.	Stabilization of Soils Using Plastic Strips As Reinforcing Material	S.Chandrakaran N Sankar	Sixteenth Kerala Science Congress	2004, Cochin
47.	Development of a Software For Settlement Analysis	N.Sankar Anjana Santhakumar	Indian Geotechnical Conference – IGC 97	1997, Vadodara
48.	Behaviour of a Coastal Deposit From The West Coast Under Cyclic Loading	N.Sankar K.Vincent Paul T.Jayadeep	Indian Geotechnical Conference – IGC 97	1997, Vadodara
49.	A Graphical Package For Demonstration of Laboratory Tests	N.Sankar	Indian Geotechnical Conference – IGC 97	1997, Vadodara
50.	Behaviour of A Coastal Deposit Under Cyclic Loading	N.Sankar K.Vincent Paul	Second Indian Nl. Conf. on Harbour and Ocean Engineering	Trivandum, Dec.8-10,1977
51.	FOUSEL - A Knowledge Based Expert System For Foundation Selection	N.Sankar	National. Seminar on Innovations in Construction Engineering Practice	Annamali Nagar,Jan.24- 25,1996
52.	Effect Cyclic Loading on The Fabric of A Marine Clay	N.Sankar	Indian Geotechnical Conference – IGC 96	1996, Madras
53.	Behaviour of an Indian Marine Clay Under Cyclic Loading	N.Sankar	Indian Geotechnical Conference – IGC 96	1996, Madras
54.	Expert System For soil Classification And Property Predication	N.Sankar S.Saju	Indian Geotechnical Conference – IGC 96	1996, Madras
55.	Development of A Geotechnical Database For A City	N.Sankar	Indian Geotechnical Conference – IGC 96	1996, Madras
56.	Effect stress History On Cyclic behaviour of a Marine Clay	N.Sankar S.Narasimha Rao	Indian Geotechnical Conference – IGC 96	1996, Madras
57.	Geotechnical Engineering Education - Future Requirements	N.Sankar	Indian Geotechnical Conference – IGC 96	1996, Madras
58.	Development of A Knowledge Based Expert System For Ground Improvement	N.Sankar N.J.Lissy	Indian Geotechnical Conference – IGC 95	1995, Bangalore
59.	A Software For the Analysis of Laterally Loaded Piles Using p-y Curves	N.Sankar M.R.M.Nambiar Sunil P.N.	Indian Geotechnical Conference – IGC 95	1995 Bangalore
60.	Influence of Stress History on the Strength Behaviour of Two Indian Marine Clays	N.Sankar	National Symposium on Ships & Offshore Structures	Cochin, Dec. 14-15, 1995

61.	Expert System For Foundation Selection	N.Sankar Sajeev Kumar V.K.	All India Seminar on PC Applications in Civil Engg.	Nagpur, 1993
62.	Influence of Cyclic Loading on Strength Behaviour of Indian Marine Clays	S.Narasimha Rao N.Sankar Y.V.S.N.Prasad	Natioal Seminar on Offshore Structures	Vizag, 1992
63.	Stabilization of a Monomineral Using Lime	N.Sankar M.R.M.Nambiar Saji N.M.	Indian Geotechnical Conference	IGC 92, Calcutta
64.	Pull Out Resistance of Screw Anchors in Marine Clays	S.Narasimha Rao N.Sankar Y.V.S.N.Prasad	Fourth Indian Conference in Ocean Engineering,	Sep.1991,Goa
65.	Studies on the Strength Behaviour of an Indian Soft Marine Clay	V.S.Raju S.Narasimha Rao A.V.Narasimha Rao N.Sankar	Indian Geotechnical Conference – IGC 88	1988 Allahabad, India