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	K. S. Akhil, N.	Journal of Natural Fibers	2021	1-12
	performance of Bamboo mat	Sankar, S.		Volume 59	
	reinforced soil bed	Chandrakaran		Issue 5	
2.	Experimental investigation of	Femy.	ASCE Journal of	2019	04019012-
	response of different granular	M.Makkar,	Materials in Civil	Volume 31,	1-14
	soil-3D geogrid interfaces using	S.Chandrakaran,	Engineering	Issue 4	
	large-scale direct shear tests	N. Sankar.			
3.	Development of Hybrid Material	Anil Joseph, S.	ASCE Journal of	2019	04018367-
	as Drainage Media and	Chandrakaran,	Materials in Civil	Volume 31,	1-9
	Efficiency Comparison of	N. Sankar, Babu	Engineering	Issue 2	
	Various Vertical Drains	T. Jose	88		
4.	Behaviour of model footing on	K. S. Akhil, N.	Soils and Foundations,	2019	1324-1335
	bamboo mat reinforced sand	Sankar, S.	Elsevier	Volume 59,	
	beds	Chandrakaran		Issue 5,	
5.	Performance of shallow	Dharmesh Lal	Journal of Soil	March 2017	60 - 64
	foundations resting on coir	N Sankar	Mechanics and	Volume 54,	
	geotextile reinforced sand bed	S Chandrakaran	Foundation Engineering,	Issue 1	
6.	Effect of reinforcement form on	Dharmesh Lal	Soils and Foundations,	Volume 57,	227–236
0.	the behaviour of coir geotextile	N Sankar	Elsevier	Issue 2, April	221-230
	reinforced sand beds	S Chandrakaran	FISCALCI	2017	
	remiorced sand beds	5 Chahurakaran		2017	

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

Scopus indexed Journals

No.	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1.	Nanocomposites are state-of-the-	Swapna Thomas,	Materials Today:	2022,	2214-
	art in the field of ground	S. Chandrakaran,	Proceedings	DOI:	7853
	improvement- a review	N. Sankar		/10.1016/j.mat	
				pr.2022.03.45	
				4	
2.	Surface heave behaviour of sand	K. S. Akhil,	Geotechnical and	2020,	3787–
	bed reinforced with woven	N. Sankar,	Geological	Vol:38	3794
	bamboo mat	S. Chandrakaran	Engineering,	DOI:10.1007/s	
				10706-020-	
				01258-w.	
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	V.P. Jishnu,	Materials Today:	2020,	S340-
	cohesionless soil reinforced with	N. Sankar,	Proceedings	DOI:10.1016/j	347
	coconut leaf let as a natural	S. Chandrakaran		.matpr.2020.0	
	material			4.637	
5.	Use of bamboo mat as a potential	Akhil K S,	Materials Today:	2020	S336-
	soil reinforcement material - An	N. Sankar,	Proceedings	DOI:	S339
	experimental study	S. Chandrakaran		10.1016/j.mat	
				pr.2020.02.79	
				4	
6.	3-Dimensional numerical	Femy.M.Makkar,	Australian	2019, Volume	99-110
	modelling of sand bed	M.V.Sreya,	Geomechanics	54, Issue 2	
	reinforced with 3D geogrids	S. Chandrakaran,	Journal		
	of triangular form	N.Sankar			
7.	Effect of non-plastic fines on	M. Akhila,	International Journal of	2019, Vol.16,	170–
	undrained response of fine sand	K. Rangaswamy, N.	Geomate	Issue:54	175.
		Sankar			
8.	Liquefaction susceptibility of silty	M. Akhila,	International Journal of	2019	
	sand and low-plastic clayey soils	K. Rangaswamy,	Geotechnical	DOI:	
	using hypoplastic model	N. Sankar	Engineering	10.1080/1938	
	simulations			6362.2019.165	
				5996	
9.	Liquefaction susceptibility of silty	M. Akhila,	International Journal of	2019, Volume	
	sand and low-plastic clayey soils	K. Rangaswamy,	Geotechnical	10, Issue 2,	
		N. Sankar	Earthquake	Article 1	
			Engineering		
		I	I	I .	<u> </u>

10.	Undrained Response and	M. Akhila,	International Journal of	2018, DOI:	
10.	Liquefaction Resistance	K. Rangaswamy,	Geotechnical and	10.1007/s1070	
	of Sand–Silt Mixtures	N. Sankar	Geological Engineering	6-018-00790-0	
	of Sand-Sitt Mixtures	iv. Sankai	Geological Engineering	0-018-00790-0	
11.	Performance of Compacted Lime	Anil Joseph,	International Journal of	2018,Volume	1-16
	Column and Lime-Fly Ash	S. Chandrakaran,	Geosynthetics and	4 Issue 33	
	Column Techniques for Cochin	N. Sankar	Ground Engineering		
	Marine Clays				
	name only s				
- 10	D. 1	7.77			1.10
12.	Behaviour of Model Square	Femy.M.Makkar	International Journal of	Springer	1-10
	Footing Resting on Sand	Sankar N	Geosynthetics and	(ISSN: 2199-	
	Reinforced with Three-	Chandrakaran S	Ground Engineering,	9260) Vol.3,	
	Dimensional Geogrid			No.1, 2017	
13.	Triaxial test on saturated sands	Dharmesh Lal	International Journal of	(ISSN: 1938-	1-7
	reinforced with coir products	N Sankar	Geotechnical	6362)	
	-	S.Chandrakaran	Engineering		
1.4	A 1 . 101 1	C 1 N'	T 1 C N (' 1 '	DOI 10 10(1/	1.7
14.	Accelerated Subgrade	Greeshma Nizy	Journal of Materials in	DOI: 10.1061/	1-7
	Stabilization Using	Eujine	Civil Engineering,	(ASCE)MT.	
	Enzymatic Lime Technique	S.Chandrakaran	ASCE (ISSN: 1943-	1943-	
		N Sankar	5533)	5533.0001923	
				2017	
15.	The engineering Behaviour of	Greeshma Nizy	Proceedings of ICE-	DOI:	1-11
13.	enzymatic lime stabilised soils	Eujine Nizy	Ground	10.1680/jgrim.	1 11
	onzymane mne stavinseu suns	S.Chandrakaran		16.1080/jgffiii. 16.00014,	
			Improvement,ICE		
		N Sankar	Publishing (Thomas	2017	
1.6	Effect of reinforcement form on	Dharmesh Lal	Telford) International Journal of	DOI: 10.1080/	1-7
16.					1-/
	the behaviour of coir geotextile	N Sankar	Geotechnical	19386362.201	
	reinforced sand through triaxial	S.Chandrakaran	Engineering, Taylor	6. 1275428	
	compression tests		and Francis (ISSN:	2017	
			1938-6362)		
				<u> </u>	

17.	Performance of 3D geogrid reinforced sand under direct shear	Femy.M.Makkar Sankar N	International Journal of Geotechnical	DOI: 10.1080/ 19386362.201	1-9
	mode	Chandrakaran S	Engineering, Taylor and Francis (ISSN: 1938-6362)	7. 1336297 2017	
			1930-0302)		
18.	Prediction of Bearing Capacity from SPT Values Using Genetic Algorithm	Athira C R Sankar N	Elecronic 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	Greeshma Nizy	Electronic Journal of	Vol. 19	6989-
	Liquid Limit Clay	Eujine	Geotechnical	[2014], Bund.	6995
		Lamanto T	Engineering,	Q	
		Somervell			
		S.Chandrakaran			
		N Sankar			
25.	Behaviour of Marine Clays under	Anil Kmar P.S.	International Journal of	Vol. 03, No.	
	Cyclic Loading:	N.Sankar	Earth Sciences and	01, February	
	A Study of Marine Clays of	S.Chandrakaran	Engineering	2010	
	Kochi				

Other International Journals

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

6.	Confinement Effect of Coir	Dharmesh Lal	International Journal	Volume 4, Issue	22-23
	Geocells on Sand Samples	N Sankar	of Engineering	33, (ISSN: 2278-	
	Under Triaxial Compression	S.Chandrakaran	Research and	0181), 2016	
			Technology		
7.	Prediction of Compaction	Jeeja Jayan	Asian Journal of	Volume 03 – Issue	368-
	Parameters of Soils using	N Sankar	Engineering and	04, Special issue	375
	Artificial Neural Network		Technology	2015	
8.	Prediction of Settlement of	Prasanth S	Asian Journal of	Volume 03 – Issue	376-
	Shallow Footings on Granular	N Sankar	Engineering and	04, Special issue	383
	Soils using Genetic Algorithm		Technology	2015	
9.	Behaviour of Cohesionless Soil	M Harikumar	Journal of Institute of	Volume 96, Issue	223-
). 	Reinforced with Three	N Sankar	Engineers India,	3, 2015	228
	Dimensional Inclusions Under	S Chandrakaran	Series A, Springer,	3, 2013	228
	Plane Strain Conditions	3 Chandrakaran	Series A, Springer,		
	Frame Strain Conditions				
10.	An Alternate Method of	M Harikumar	IJERT	Vol.3, Issue 9,	760-
	Saturating Sand Specimens in	N Sankar		2014	763
	Triaxial Tests	S Chandrakaran			
11.	Menu Driven Guide in Field of	Greeshma Nizy	IJESIT	Vol.3, Issue 4,	645-
	Geotechnology	Eujine		2014	649
		Lamanto T			
		Somervell			
		N Sankar			

National Journals

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

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

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	Krishna Pradeep	RACESD	Bhopal
	shallow foundations on	P, N Sankar,		February 13-14, 2021
	cohesionless soil using ANN.	S Chandrakaran		
	Ç			
7.	A Review on the Behaviour	Femy.M.Makkar,	International	Thiruvananthapuram,
	of Soil against Different	S.	Conference on	Kerala, July 24-27,
	Geosynthetic Interface	Chandrakaran,	Geotechniques for High	2019
		N.Sankar	speed Corridors, GHC	
0	TY C 1 1	TZ C A 1 1 '1	2019	D . D . 112
8.	Use of bamboo mat as a	K S Akhil,	ICNF 2019 - 4th	Porto, Portugal, 1-3
	potential soil reinforcement	N Sankar,	International	July, 2019
	material- an experimental study	S. Chandrakaran	Conference on Natural	
			Fibers	
9.	Strength behaviour of cohesion	V.P. Jishnu, N.	ICNF 2019 - 4th	Porto, Portugal, 1-3
	less soil reinforced with coconut	Sankar, S.	International	July, 2019
	leaf let as a natural material	Chandrakaran	Conference on Natural	
			Fibers	
10.	Numerical study on the	M Akhila,	Proceedings of	IIT Gandhinagar, 5-7
	undrained response of silty	K Ranga Swamy,	IACMAG Symposium	March 2019
	sands under static triaxial	N Sankar		
	loading			
11.	Undrained response of silty	M Akhila,	Geomate 2018	Kuala Lumpur, Nov
	sands under static and cyclic	K Ranga Swamy,	Geotechnique,	20-22, 2018
	loading.	N Sankar	Construction Materials	
	-		And Environment	
12.	Applications of PLAXIS in	Jithin K.M	2 nd Intl. Conference on	NIT Trichy
12.	Solving Geotechnical Problems	Dharmesh Lal	Frontiers in	April 27-28, 2018
	involving Soil Reinforcement	N.Sankar	Engineering, Applied	11piii 27-20, 2010
	myorying bon remioreement	S. Chandrakaran	Sciences and	
		. Chandrakaran	Technology	
13.	Finite Element Study on	Divyasree.S	2 nd Intl. Conference on	NIT Trichy
	Settlement Reduction	Harikumar.M	Frontiers in	April 27-28, 2018
	Characteristics of Cohesionless	N.Sankar	Engineering, Applied	
	Soil Improved with Three	S. Chandrakaran	Sciences and	
	Dimensional Plastic Hexapods		Technology	

14.	Determination of Bearing	Sreya M.V	2 nd Intl. Conference on	NIT Trichy
	Capacity of Geogrid Reinforced	Femy M	Frontiers in	April 27-28, 2018
	Soil Bed using PLAXIS 3D	N.Sankar	Engineering, Applied	
	Software	S. Chandrakaran	Sciences and	
15.	Bearing capacity improvement	Femy.M.Makkar	International	NIT Jalandhar
	of sand reinforced with 3D	Sankar N	Conference on	March 29-31, 2018
	geogrids of rectangular pattern	Chandrakaran	Environmental	
			Geotechnology,	
			Recycled Waste	
			Materials and	
16.	Triaxial compression of sand	Dharmesh Lal	2nd International	BITS Pilani
	reinforced with coir fibres	N Sankar	Conference on	February 26-28, 2018
		SChandrakaran	Advances in Concrete,	
			Structural, and	
			Geotechnical	
			Engineering ACSGE	
17.	Determination of interface shear	Femy.M.Makkar	2nd International	BITS Pilani
	strength of 3D geogrid	Sankar N	Conference on	February 26-28, 2018
	reinforced fine sand using large	Chandrakaran	Advances in Concrete,	
	scale direct shear test		Structural, and	
			Geotechnical	
			Engineering, ACSGE	
18.	Feasibility of 3D geogrids in the	Femy.M.Makkar	International Dam	Thiruvananthapuram, Kerala,
	construction and rehabilitation	Sankar N	Safety Conference—	January 23-24, 2018
	of earth dams	Chandrakaran	2018	
19.	Liquefaction susceptibility of	Akhila M	International Dam	Thiruvananthapuram,
	dam foundation soil	Sankar N	Safety Conference—	Kerala, January 23-24, 2018
		Kodi Ranga	2018	
		Swamy		
20.	Development of Critical state	Akhila M	International	GEC Thrissur
20.	line from hypo plastic model	Sankar N	Conference on	Jan 18-20, 2018
	simulations on triaxial strength	Kodi Ranga	CEASIDE 2018	Juli 10-20, 2010
	of silty sand	Swamy Kanga	CLASIDE 2010	
	of sifty said	Swamy		
21.	Bamboo as a sustainable soil	Akhil. K. S	International	GEC Thrissur
	reinforcement material- A	N. Sankar	Conference on	Jan 18-20, 2018
	review	S. Chandrakaran	CEASIDE 2018	

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

29.	Earthquake Analysis on	Akhila M	Deep Foundation	September 29-30,
	Liquefiable soil with Building	Sankar N	Technologies for	2015, IISc Bangalore,
	Load	Kodi Ranga	Infrastructure	India
		Swamy	Development	
30.	Development of A Knowledge	Tintu Mary C	Third International	ICMSC 2015,Dec 9-
	Bsaed Expert System For The	N Sankar	Conference in	11, 2015, Quilon
	Selection of Retaining Walls		Modelling And	
			Simulation In civil	
31.	Prediction of shear strength of	M Harikumar	International	(ICSGE2015) 3-4
	cohesionless soils reinforced	N Sankar	Conference on Soft	December 2015,
	with 3d inclusions using ANN	S Chandrakaran	Ground Engineering	Singapore.
32.	Defining the behavior of terra-	Greesma Nizy	International	(ICSGE2015) 3-4
	lime stabilized soils	Eujine	Conference on Soft	December 2015,
		S.Chandrakaran	Ground Engineering	Singapore.
33.	Behaviour of 3D Reinforced	M Harikumar	2nd International	2015, Saintgits
	Cohesionless Soil	N Sankar	Conference on	College of
	Under Plane Strain Conditions	S Chandrakaran	Emerging trends in	Engineering,
			technology and applied	Kottayam
34.	Effect of Strength of Geocell	Sherin KS	2nd International	2015, Saintgits
	material on mechanical behavior	N Sankar	Conference on	College of
	of Geocell reinforced sand	S Chandrakara	Emerging trends in	Engineering
			technology and applied	Kottayam
35.	1	Tintu Mary C	2nd International	2015, Saintgits
	Bsaed Expert System For Selection of Retaining Walls	N Sankar	Conference on	College of
	C		Emerging trends in	Engineering,
			technology and applied	Kottayam
36.	Behaviour of sand reinforced	M Harikumar	International	2014,ASCE India /IIT
	with multi-oriented	N Sankar	Conference on	Hyderabad
	reinforcements	S Chandrakaran	Sustainable Civil	
37.	An Expert System in Visual	Chinchu Cherian	International	2013,Saingits college
	Basic For Prediction	N Sankar	Conference on Global	of engg.
	Of Ground Modification		Innovations in	
38.	Artificial Neural Networks in	M Harikumar	International	2013,Saingits college
	predicting settlement	N Sankar	Conference on Global	of engg.
	of Foundations		Innovations in	
			TD 1 1 1	

39.	Strenghtening of Unpaved	E.A. Subaida,	International	2008, KUALA
	Roads on Soft Subgrades Using	S. Chandrakaran	Conference on	LUMPUR
	Coir Geotextiles	and N. Sankar	Geotechnical &	
40.	Prediction of Pullout Strength of	E.A. Subaida,	The 12th International	2008, Malaysia
	Woven Coir Geotextiles from	S. Chandrakaran	Conference of	
	Yarn Pullout resistance	and N. Sankar	International	
			Association for	
			Computer Methods and	
			Advances in	
41.	Behaviour of lime stabilized	E.A. Subaida,	Proceedings of	Kuala Lumpur,
	clayey soil reinforced	S. Chandrakaran	International	Malaysia, 2008
	with Nylon fibers	and N. Sankar	Conference on	
42.	Behaviour of Nylon Fiber	S.Chandrakaran	13th Asian Regional	December 2007
	Reinforced Clayey Soils	N Sankar	Conference on Soil	Calcutta.
		Nagu P.S.	Mechanics and	
		Sudheer A	Geotechnical	
			Engineering	
43.	Development of an Interactive	N.Sankar	Int. Conf. On Ocean	Madras, Dec. 11-14,
	Offshore Data Base	C.R.Rakesh	Engg.	2001
44.	A Cost Effective Cyclic Triaxial	N.Sankar	Intl. Conf. on Offshore	New Delhi, Dec.2-
	Testing Unit	K.Vincent Paul	and Nearshore	3,1999
	<u> </u>		Geotechnical	
			Engineering	
45.	Effect stress History On Cyclic	N.Sankar	International	Madras, Dec. 17-20,
	behaviour of a Marine Clay	S.Narasimha Rao	Conference in Ocean	1996
			Engineering	
46.	A Software For p-y Curve	N.Sankar	International	Madras, Dec. 17-20,
	Method of Analysis of Offshore	M.R.M.Nambiar	Conference in Ocean	1996
	Piles		Engineering	
47.	Expert System Applications in	N.Sankar	Intl. Conf. on New	New Dehi, Feb.28 –
	Civil Engineering		Challenges for Civil	Mar.2, 1996
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48	Development of an	N.Sankar	Intl. Conf. on New	New Dehi, Feb.28 –
	Instrumented Cyclic Triaxial	K.Vincent Paul	Challenges for Civil	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	V.P. Jishnu, N.	Indian Conference on	March 01-02,
	inclusion of natural fibres in	Sankar, S.	Geotechnical and Geo-	2019
	soils as a ground improvement	Chandrakaran	environmental	
	material	Changranaran	Engineering, ICGGE-2019,	
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8.	Effect of particle size on the	Femy.M.Makkar,	Indian Conference on	MNNIT
0.	shear behaviour of soil -geogrid	S. Chandrakaran,	Geotechnical and Geo-	Allahabad,
	interface	N. Sankar	environmental	March 01-02,
	interface	TV. Sunkui	Engineering, ICGGE-2019,	2019
9.	Numerical modelling of 2D	M.V.Sreya,	Indian Geotechnical	December 13-
7.	geogrid reinforced sand bed	Femy.M.Makkar,	Conference, IGC 2018,	15. 2018
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10.	Numerical study on cyclic	P. C. Jithesh, M.	Proceedings of Indian	2018
10.	loading effects on the undrained	Akhila, K.	Geotechnical Conference,	2010
	response of silty sand.	Rangaswamy, N.	IISc Banglore	
	response of sitty stand.	Sankar	Tibe Builgiore	
11.	Liquefaction Mitigation by	M. Akhila, K.	Proceedings of 16th	2018
11.	Preloading – An Experimental	Rangaswamy, N.	Symposium on Earthquake	2010
	Study.	Sankar	Geotechnical Engineering,	
	Stady.	Sumui	Roorkee	
12.	Numerical Modelling of Geogrid	Sreya M.V	National Conference on	GCT
12.	Reinforced Sand Bed Using	Femy M	Recent advancements in	Coimbatore
	PLAXIS 3D Software	N.Sankar	Geotechnical Engineering	April 20, 2018
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13.	Numerical Modelling of Sand	Divyasree.S	National Conference on	GCT
	Bed Reinforced with Multi-	Harikumar.M	Recent advancements in	Coimbatore
	Directional Plastic Components	N.Sankar	Geotechnical Engineering	April 20, 2018
		S. Chandrakaran	2018,	
14.	Behaviour of piled raft	Honey Sajan	Sixth Indian Young	March 2017,
	foundation under combined	Thomas	Geotechnical Engineers	NIT Trichy
	loading: an alaysis using plaxis	Sankar N	Conference 6IYGEC	
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15.	Prediction of pile capacity and	Arathy C V	Sixth Indian Young	March 2017,
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	algorithm		Conference 6IYGEC	
16.	Prediction of california bearing	Angel paul	Sixth Indian Young	March 2017,
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17.	Settlement and Surface Heave	Femy.M.Makkar	Indian Geotechnical	15-17
	characteristics of Geogrid	Sankar N	Conference IGC2016	December
	Reinforced Cohesionless Soil	Chandrakaran S		2016, IIT
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18.	Alteration of cbr values in soft	Greesma Nizy	Indian Geotechnical	15-17
	soils using enzymatic lime	Eujine	Conference IGC2016	December
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21.	Laboratory evaluation of extent	Anil joseph	50th IGC	Pune,
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	intrusion for cochin marine clays	Sankar N		December 2015
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22.	Pile Capacity Prediction using	Sherin KS	Emerging Technological	Palakkad, April
	Artificial Neural Network	N Sankar	Advancements in Civil	2015
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23.	Strength improvement of locally	Greeshma Nizy	National Conference on	Delhi, 2014
	available soft clays in	Eujine	Geo-Environmental Issues	
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	enzymatic formulations	Somervell	Development	
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24.	Logarithmic Model For	Greeshma Nizy	BJI NATCON	2014, Kollam
	Subgrade Stabilization Using	Eujine		
	Enzymes	S.Chandrakaran		
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25.	Finite element analysis of piled-	Minnu Tomichan	National Conference on	April 22, 2014,
	raft foundations with non-	N Sankar	Recent Advancements in	Coimbatore
	uniform piles		Geotechnical Engineering	
26.	Comparative Studies on the	Rini John Alapatt	National Conference on	April 22, 2014,
	Effectiveness of Different	N Sankar	Recent Advancements in	Coimbatore
	Backfill Strengthening		Geotechnical Engineering	

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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

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42.	Behaviour of Marine Clays Under Cyclic Loading	Anil Kumar P.S. N.Sankar S.Chandrakaran	National Coference 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.	Nattional 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 Costal 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
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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 Applica-tions 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
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