

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY, HYDERABAD
(An Autonomous Institution)
Department of Civil Engineering
Journal Publication Details (2021-2022)

S No	Authors Details	Title of Paper	Title of Journal	Indexing	Year of Publication	Volume & Issue details	Page No.	D.O.I	ISSN/ ISBN No.
1	S. Praburanganathan , N. Sudharsan, Yeddula Bharath Simha Reddy, Chukka Naga Dheeraj Kumar Reddy , L. Natrayan , and Prabhu	Force-Deformation Study on Glass Fiber Reinforced Concrete Slab Incorporating Waste Paper	Advances in Civil Engineering	SCI	2022	Volume 2022, Article ID 5343128	1-10	https://doi.org/10.1155/2022/5343128	1687 - 8094
2	Devi, K., Das, B. S., Khuntia, J. R. & Khatua, K. K.,	Analytical solution for depth averaged velocity and boundary shear in a compound channel	Water Management, ICE Publishing	SCI	2021	174 (3)	143-158	10.1680/jwma.18.00062	1741- 7589
3	S Praburanganathan, S Chithra, N Divyah, Sudharsan N, Yeddula Bharath Simha Reddy,	Value-added waste substitution using slag and rubber aggregates in the sustainable and eco-friendly compressed	Revista de la Construcción. Journal of Construction	SCI	2022	21(1)	5 - 20	https://doi.org/10.7764/RDLC.21.1.5	0717- 7925
4	Sandeep P, Rishikanth R., Vidhya K., Shantharam Y. and Sudharsan N.	Experimental study on high performance concrete using waste material	Ecology, Environment and Conservation	Web of Science	2021	27	298-S30	-	0971-765 X
5	Mohammed mohsin, V. Swathi	An Analytical Study of Flat Slab and Convention Slab with Framed Tube System by Performing Time History	International Journal for Research in Applied Science & Engineering Technology	Google Scholar	2021	Volume 9, Issue -IX, SEPTEMBER 2021	133-214	https://doi.org/10.22214/ijras.2021.38334	2321- 9653;

6	Syed Zubair Uddin ,Vithal Biradar	Comparative study of Tube in Tube flat slab with tube in tube waffle slab structures under seismic load	International Journal for Research in Applied Science & Engineering Technology	Google Scholar	2021	Volume 9, Issue -IX	2321-9653	https://doi.org/10.22214/ijra.set.2021.38329	2321-9653
7	C. Mounika, Mounika	M. Evaluation of Interlocking Brick	International Journal for Research in Applied Science & Engineering Technology	Google Scholar	2021	Volume 9 Issue VIII	002-300	https://doi.org/10.22214/ijra.set.2021.37895	2321-9653;
8	Manasa .R , Sudharsan .N , Praburanganathan S , N Srinivas Rao	Development of coconut shell waste based paver blocks and concrete: A Review	Emperor Journal of Applied Scientific Research	Google Scholar	2021	Vol. 3 Issue-09	1-5	http://dx.doi.org/10.35338/EJASR.2021.3901	2581-964X(O)
9	Pavan Kumar .P , Sudharsan .N , Praburanganathan S , N Srinivas Rao	Use of Waste Ground Nut Shell in the Development of Various Construction Products	Emperor Journal of Applied Scientific Research	Google Scholar	2021	Vol. 3 Issue-09	6-11	http://dx.doi.org/10.35338/EJASR.2021.3902	2581-964X(O)
10	T. Sarada, Koteswara Rao	D. A Laboratory Study on the Consolidation Characteristics of Marine Clay Treated with Fly Ash and	Wesleyan Journal of Research	UGC	2021	Vol.14 No2(II)	146-151		0975-1386

**Conference Publication Details
(2021-2022)**

S No	Authors Details	Title of Paper	Title of Conference	Indexing	Date	Volume	Page No.	DOI No.	Publisher	ISBN / ISSN Number
1	Dulganti Dheeraj Reddy, Pallavi Badry	Treatise on seismic analysis of building resting on sloping ground including soil structure interaction	8th Indian Young Geotechnical Engineers Conference	-	21.10.2021 to 23.10.2021	-	1165	-	IGS Chennai	-
2	Naresh Neerati, Prudviraj Vennampally, Sravani Bairoju, Jayasri Lavudi. Kishore Samala and Pallavi Badry	static Analysis of tunnel with different cross - sections in stratified soil condition	8th Indian Young Geotechnical Engineers Conference	-	21.10.2021 to 23.10.2021	-	1877	-	IGS Chennai	-
3	Kakara S J Kumar, M V Seshagiri Rao, V Srinivasa Reddy, S Shrihari	Stress - strain behaviour of confined nano silica-based concrete	3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1048	https://doi.org/10.1051/e3sconf/202130901048	E3S Web of Conferences 309	2267-1242
4	K Ajay Kumar, A Venkat Sai Krishna, S Shrihari, and Srinivasa Reddy V	Studies on stress-strain behaviour of concrete mixes confined with BFRP rebars	3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1049	https://doi.org/10.1051/e3sconf/202130901049	E3S Web of Conferences 309	2267-1242
5	Bitla Srivathsav, N Prem Kumar, S Shrihari, and C Vivek Kumar	Proposed Mathematical Model for stress- strain behaviour of geopolymer concrete	3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021)	Scopus	24.09.2021 to 26.09.2021	309	1053	https://doi.org/10.1051/e3sconf/202130901053	E3S Web of Conferences 309	2267-1242

6	Md Hasham, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari	Flexural behaviour of basalt fibred concrete slabs made with basalt fibre reinforced polymer rebars	3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021)	Scopus	24.09.2021 to 26.09.2021	309	1055	https://doi.org/10.1051/e3sconf/202130901055	E3S Web of Conferences 309	2267-1242
7	S V S Sankeerth, Srinivasa Reddy V, S Shrihari and C Rajashekar	Effect of packing factor and fine aggregate/total aggregate ratio on the development of self-compacting concrete	3rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021)	Scopus	24.09.2021 to 26.09.2021	309	1056	https://doi.org/10.1051/e3sconf/202130901056	E3S Web of Conferences 309	2267-1242

8	U Prashanth, S Shrihari, V Siva Prasad Raju, and Srinivasa Reddy V	Stress-Strain behaviour of plain and fibre reinforced SCC mixes	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021)	Scopus	24.09.2021 to 26.09.2021	309	1057	https://doi.org/10.1051/e3sconf/202130901057	E3S Web of Conferences 309	2267-1242
9	Srinivasa Reddy V, Karnati Vamsi Krishna, M V Seshagiri Rao, and S Shrihari	Effect of molarity of sodium hydroxide and molar ratio of alkaline activator solution on the strength development of geopolymer concrete	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1058	https://doi.org/10.1051/e3sconf/202130901058	E3S Web of Conferences 309	2267-1242
10	V Saikrishna, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari	Moment - curvature behavior of basalt fibred concrete beams made with basalt fibre reinforced polymer bars	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1059	https://doi.org/10.1051/e3sconf/202130901059	E3S Web of Conferences 309	2267-1242
11	Karnati Vamsi Krishna, Srinivasa Reddy V, S Shrihari and C Rajashekar	Parametric studies on the properties of geopolymer concrete	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1101	https://doi.org/10.1051/e3sconf/202130901101	E3S Web of Conferences 309	2267-1242
12	Nutakki Sai Ketana, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari	Effect of various parameters on the workability and strength properties of geopolymer concrete	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2021)	Scopus	24.09.2021 to 26.09.2021	309	1102	https://doi.org/10.1051/e3sconf/202130901102	E3S Web of Conferences 309	2267-1242
13	K Saiteja Chary, S Shrihari, V Siva Prasad Raju, and Srinivasa Reddy V	Influence of calcium and alumina-based pozzolanas on the strength properties of low calcium fly ash geopolymer concrete	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1104	https://doi.org/10.1051/e3sconf/202130901104	E3S Web of Conferences 309	2267-1242
14	Nutakki Sai Ketana, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari	Mathematical model for predicting stress-strain behavior of low calcium fly-ash based geopolymer concrete	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1103	https://doi.org/10.1051/e3sconf/202130901103	E3S Web of Conferences 309	2267-1242
15	N Sudharsan, C J Blessy Grant, P Murthi, K Poongodi, P Mahesh Kumar	A Comparative Experimental Investigation on Laced Reinforced Concrete Beam and Conventional Beam under Monotonic Loading	International Conference on Contemporary and Sustainable Infrastructure 21-22	Scopus	26.08.2021	822	12034	10.1088/1755-1315/822/1/012034	IOP Publishing	1755-1315

16	J R Khuntia, K Devi, B S Das, K K Khatua and S Jena	Effect of Emergent Rigid Vegetation on Flow Properties in an Open Channel	HYDRO 2021	-	23.12.2021 to 25.12.2021	-	-	-	-	-
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17	Khuntia, J.R., Devi, K., Das, B.S., Khatua, K.K. and Patra, P.S.K.	Effect of Secondary Flow in Discharge Prediction for Smooth and Rough Open Channels	4th International Conference on the Status and Future of the World's Large Rivers, Moscow, Russia,	-	03.08.2021 - 06.08.2021	-	-	-	-	-
18	Sahoo, S., Devi, K. & Khatua, K.K.	Simulation of Flow Structure in an Asymmetric Compound Channel	4th International Conference on the Status and Future of the World's Large Rivers, Moscow, Russia,	-	03.08.2021 - 06.08.2021	-	-	-	-	-
19	S. Sahoo, K. Devi, J. R. Khuntia, K. K. Khatua	Numerical investigation of secondary flow structures in a gravel bed asymmetric compound channel	HYDRO 2021	-	23.12.2021 to 25.12.2021	-	-	-	-	-
20	Rohitha, Sudheera, Renuka, Manisha, Kamalini Devi	Interlinking of Rivers (Godavari-Krishna-Pennar-Cauvery)	HYDRO 2021	-	23.12.2021 to 25.12.2021	-	-	-	-	-
21	Md Hasham, Srinivasa Reddy V, E.Giriprasad and Prashant Hugar	Experimental and analytical evaluation of stress strain behaviour of basalt fibred concrete	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1051	https://doi.org/10.1051/e3sconf/202130901051	E3S Web of Conferences 309	
22	E. Giri prasad , Marimuthu kannimuthu, V.srinivasa reddy , V. Saikrishna	Corrosion Resistance Studies on the Concrete Made With Basalt Fibres And Basalt Fibre Reinforced Rebars	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1052	https://doi.org/10.1051/e3sconf/202130901052	E3S Web of Conferences 309	
23	Gorla Jayasri, V Siva Prasad Raju, Srinivasa Reddy V and M Mounika	Studies on stress- strain behaviour of fibre reinforced selfcompacting concrete in confined state	3 rd International Conference on Design and Manufacturing Aspects for Sustainable Energy	Scopus	24.09.2021 to 26.09.2021	309	1054	https://doi.org/10.1051/e3sconf/202130901054	E3S Web of Conferences	2267-1242

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Book Chapter Details (2021-2022)

S No	Authors Details	Title of Paper	Title of Conference	Title of Book	Indexing	Date	Volume	Page No.	DOI No.	Publisher	ISBN / ISSN Number
1	P. Mageshkumar, K. Angu Senthil, N. Sudharsan, K. Poongodi, and P. Murthi	Analysis of Spatial and Temporal Variability of Rainfall Using GIS in Rasipuram Taluk, Tamil Nadu, India	F-EIR Conference on Environment Concerns and its Remediation	Environmental Restoration, Lecture Notes in Civil Engineering	Scopus	04.03.2022	Volume 232	185–197	https://doi.org/10.1007/978-3-030-96202-9_15	Springer, Cham	978-3-030-96201-2
2	Bhabani Shankar Das, Kamalini Devi, Jnana Ranjan Khuntia & Kishanjit Kumar Khatua	Flow Distributions in a Compound Channel with Diverging Floodplains	Hydro	River Hydraulics, Hydraulics, Water Resources and Coastal Engineering	Scopus	12.12.2021	2	113-125	10.1007/978-3-030-81768-8_10	Springer, Cham	978-3-030-81767-1
3	Kamalini Devi, Bhabani Shankar Das, Jnana Ranjan Khuntia & Kishanjit Kumar Khatua	Boundary Shear Stress Distributions in Compound Channels Having Narrowing and Enlarging Floodplains	Hydro	River Hydraulics, Hydraulics, Water Resources and Coastal Engineering	Scopus	12.12.2021	2	127–141	10.1007/978-3-030-81768-8_11	Springer, Cham	978-3-030-81767-1
4	Jnana Ranjan Khuntia, Kamalini Devi, Bhabani Shankar Das & Kishanjit Kumar Khatua	Turbulence Characteristics in a Rough Open Channel Under Unsteady Flow Conditions	Hydro	River Hydraulics, Hydraulics, Water Resources and Coastal Engineering	Scopus	12.12.2021	2	143–155	10.1007/978-3-030-81768-8_12	Springer, Cham	978-3-030-81767-1
5	Sarjati Sahoo, Jnana Ranjan Khuntia, Kamalini Devi & Kishanjit Kumar Khatua	Energy and Momentum Correction Coefficients in Compound Open Channel Flow	Hydro	River Hydraulics, Hydraulics, Water Resources and Coastal Engineering	Scopus	12.12.2021	2	309–320	10.1007/978-3-030-81768-8_26	Springer, Cham	978-3-030-81767-1