

**VIDYA JYOTHI INSTITUTE OF TECHNOLOGY, HYDERABAD**

*( An Autonomous Institution)*

**Department of Civil Engineering**

**Conference Publication Details (2022-2023)**

S No	Authors Details	Title of Paper	Title of Conference	Indexing	Date	Volume	Page No.	DOI No.	Publisher	ISBN / ISSN Number
1	Vinay Teeda, Hemanth, Pallavi Badri and Kamalini Devi	Prophecy of Compressive Strength of Geopolymer Concrete using Artificial Neural Networks	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
2	H. Bsanth Kumar, Pallavi Badry, Kamalini Devi, Shrihari Saduwale, and Obulesh	Optimization of Residential Building Using Machine Learning	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
3	Amanthagiri Charan, Shrihari Saduwale, and Khaja Kamranuddin	Comparison Of The Tube Frame And Tube In Tube Frame Structure With Rectangular And U-Shape Building	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
4	Priyanka Mondikatti, Sudharsan N, S. Praburanganathan , G. Aruna	The Impact of castoff aggregate on the fresh and mechanical behaviour of high-range water reducer administered self- compacting concrete	Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2022)	Scopus	08 - 09, Decembe r 2022	-	-	<a href="https://doi.org/10.1016/j.matpr.2023.03.061">https://doi.org/10.1016/j.matpr.2023.03.061</a>	Materials Today: Proceedings	2214-7853

5	Parthiban P, Sakthi Ganapathy R, Karthick S, Navin Ganesh V and Sudharsan N	A review on environmental impact assessment of limestone mining operations	3rd Symposium on Industrial Science and Technology (SISTEC2021)	Scopus	25-26th August 2021	2682	060008-1-060008-8	<a href="https://doi.org/10.1063/5.0114606">https://doi.org/10.1063/5.0114606</a>	AIP Conference Proceedings	1551-7616
6	Sudharsan Narayanasamy, G Aruna and Praburanganathan S	Strength Assessment of Unistone Concrete Paver Formed with Partial Substitution of Ferrosilicon Waste-Reject as Cement Alternate and Robo-Sand as Fine Aggregate Alternate	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
7	Aruna Govindan, Sudharsan N and Arun Kumar N	Experimental Investigation on Cold-formed Steel Channel Beams with Embossments	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
8	Saradha Perumal, Aravind S, Senthilkumar P and Sudharsan.N	Experimental Study on Partial Replacement of Natural Aggregate by Recycled Aggregate in Concrete	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
9	Suganthi Mullainathan, Senthil Velavan R, Gokul K A, Sudharsan.N	Experimental Investigation on Geopolymer Concrete	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
10	Santhosh Kumar , Muralimohan N, Sudharsan N, Ambika D	A Study on Mechanical Properties of Fibre Reinforced Concrete (FRC) Using Coir & Rice Husk Ash	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616

11	Preetha Achuthan, Theonette Maribojoc Panneerselvam Arul Sivanantham and Sudharsan N	A Pilot Scale Study on the Effects of Workability, Steadiness and Set Period Attributes of OPC/SRC and Strength of Concrete Engaging Disaccharides as an Additive	International Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
12	R. K. Gaurav, B. S. Das, J. R. Khuntia & K. Devi	Apparent Shear Force Modelling in Compound Open Channel Using Support Vector Machine	11th International Conference on Fluvial Hydraulics, River Flow 2022	Scopus	Nov 8- 10, 2022	-	1 - 9	In Press	Taylor & Francis	-
13	S. Sahoo, K. Devi, J. R. Khuntia & K. K. Khatua	Numerical solution of Saint- Venant equations for simulating flood waves in the lower Tapi river in India	11th International Conference on Fluvial Hydraulics, River Flow 2022	Scopus	Nov 8- 10, 2022		1 - 7	In Press	Taylor & Francis	-
14	Khuntia J. R., Devi K., Sahoo S., Das B. S. & Khatua K. K.	Numerical Modelling of Flood Routing in Laboratory and Natural Open Channels	27 th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering (HYDRO 2022 INTERNATION AL)	International Renowned	December 22 -24, 2022	-	1-10	-	-	-

15	A Uma Maheshwari, Margaret Wesley, P Vikesh, K Rahul, Devi K, Khuntia J R	Study of flash floods and flow prediction by AI techniques	27 th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering (HYDRO 2022 INTERNATIONAL)	International Renowned	December 22 -24, 2022	-	1-15	-	-	-
16	Sahoo S., Devi K., Khuntia J.R., Khatua K. K.	Numerical modelling of bed shear stress for an asymmetric compound open channel	27 th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering (HYDRO 2022 INTERNATIONAL)	International Renowned	December 22 -24, 2022	-	1-13	-	-	-
17	Shekhar D., Das B. S., Khuntia J. R and Devi K.	Prediction of Discharge in Compound Channel with Converging and Diverging Floodplains by ANN-PSO and MARS	27 th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering (HYDRO 2022 INTERNATIONAL)	International Renowned	December 22 -24, 2022	-	1-13	-	-	-

18	Mohammed Mohsin and Swathi Veerupakshi	Time History Evaluation Assessment of Flat Slab and Conventional Slab with Framed Tube System	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023			In Press	AIP Conference Proceedings	1551-7616
19	Soha Khanam, Swathi Veerupakshi and Srihari Sadhuwale	Analysis of High Rise Structure with Different Slab Arrangements using Etabs	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
20	Krishna Chaitanya Lingampally and Swathi Veerupakshi	Definitive Positioning of Floating Columns in a Multi Storied Building and Its Seismic Analysis Using ETABS	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
21	Sriniththe Kamlecar, and Vithal Biradar	Comparison of Diagrid, Rigid Frame and Shear Wall Structures in High Rise Buildings	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
22	Gandhemalle Pavan Kumar, Roja Kandoori and Shrihari Saduwale	Analysis Of Flat Slabs With And Without Drop In Different Seismic Zones Using ETABS	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616
23	MohanaDeepthi Nanduri , V. Poojitha, T. Sujatha, S. Rajashekar Reddy and J. Swaraj	Design and Analysis of a High-Rise Building and its Cost Prediction using Machine Learning	Internaional Conference on Advancements in Construction Materials	Scopus	28-29 April 2023	-	-	In Press	AIP Conference Proceedings	1551-7616

**VIDYA JYOTHI INSTITUTE OF TECHNOLOGY, HYDERABAD***( An Autonomous Institution)***Department of Civil Engineering****Journal Publication Details (2022-2023)**

<b>S No</b>	<b>Authors Details</b>	<b>Title of Paper</b>	<b>Title of Journal</b>	<b>Indexing</b>	<b>Month and Year of Publication</b>	<b>Volume</b>	<b>Page No.</b>	<b>DOI No.</b>	<b>Publisher</b>	<b>ISBN / ISSN Number</b>
1	<b>Sudharsan N, S</b> Praburanganathan, Yeddula Bharath Simha Reddy & Pavan Kumar P	Interaction of anthracite coal ash and Archis hypogaea shell ash on an innovative brick: An experimental and simulation study	International Journal of Coal Preparation and Utilization	SCI	Feb 2023	VOL. 43, NO. 6	971-986	<a href="https://doi.org/10.1080/19392699.2022.2089127">https://doi.org/10.1080/19392699.2022.2089127</a>	Taylor and Francis	1939-2702
2	P. Jagadeesan , N. Sudharsan , S.M. Subash,Pradeep Thirumoorthy,B. Sugumaran, J Abdul Bari, R. sudharsanan , D. Ambika, K. Sharmiladevi, Kathiresan	Study on Performance of Infilled Wall in an RC-Framed Structure Using a Reinforcing Band	Advances in Materials Science and Engineering	SCIE	Sep 2022	2022	08-Jan	<a href="https://doi.org/10.1155/2022/8643959">https://doi.org/10.1155/2022/8643959</a>	Hindawi	1687-8442

3	Kumar, S., Khuntia, J. R., Devi, K., Das, B. S., & Khatua, K. K.	Closure to Prediction of Flow Resistance in an Open Channel over Movable Beds Using Artificial Neural Network	Journal of Hydrologic Engineering, ASCE	SCIE	Jul 2022	28 (2)	07022 012, 1-4	10.1061/(ASCE)HE.1943-5584.0002225	ASCE	1943-5584
4	M. Priyanka, N.Sudharsan	Mechanical Properties of Recycled Aggregate Based Self Compacting Concrete	International Journal of Advances in Engineering and Management	-	Aug 2022	4(8)	1237-1244	10.35629/5252-040812371244	IJAEM	2395-5252
5	Soha khanam, Swathi. V	Analysis of G+12-Structure under Different slab conditions using ETABS	International Journal of Research and Applications	-	Nov 2022	12	152-159	10.9790/9622 - 1211152159	IJERA	2248-9622
6	Anand K Sheelvanth, V. Saikiran, CH. Saikrishna, D. Balshetty, V.Udaykumar	Study and Their Treatment Analysis of Surface Water in Hyderabad City Zone by Electro-Coagulation Method	International Journal for Scientific Research and Development	-	June 2023	Volume : 11, Issue : 3	60-63	<a href="https://www.ijserd.com/articles/IJSRDV11I30053.pdf">https://www.ijserd.com/articles/IJSRDV11I30053.pdf</a>	IJSRD	2321-0613
7	Mohammed Mohsin , V. Swathi	An Analytical Study of Flat Slab and Convention Slab with Framed Tube System by Performing Time History Analysis	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	-	Sep-21	Volume 9 Issue IX	2133-2140	<a href="http://doi.org/10.22214/ijraset.2021.38334">http://doi.org/10.22214/ijraset.2021.38334</a>	-	2321-9653
8	Mr. Ahmadullah, Mr. Vithal Biradar	Seismic Performance Assesment Of RCC Building Using Pushover Analysis In Etabs	AIRO journals	-	Dec-22	Volume :4 Issue 3	69-75	-	-	2320-3715

9	Amanthagiri Charan, Shrihari Saduwale, Khaja Kamranuddin	Comparison of Tube Frame and Tube in Tube Frame Structures for Different Plan Configuration	International Journal of Research in Engineering, Science and Management	-	Jul-22	Volume 5, Issue 7	124-127	<a href="https://www.ijresm.com">https://www.ijresm.com</a>	-	2581-5792
10	Geetha Ellala, Shrihari Saduwale	Performance Characteristics of Concrete With Nano-Graphene Oxide Inundations	Reaserch Square	-	August 2nd, 2022	-	-	<a href="https://doi.org/10.21203/rs.3.rs-1899759/v1">https://doi.org/10.21203/rs.3.rs-1899759/v1</a>	-	-
11	Gandhemalle Pavan Kumar , Shrihari Saduwale , K. Roja	Comparison of Flat Slabs with and without Drop in Different Seismic Zones Using	International Journal of Research in Engineering,	-	Aug-22	Volume 5, Issue 8,	74-77	<a href="https://www.ijresm.com">https://www.ijresm.com</a>	-	2581-5792
12	Basanth Kumar.H, Suchetha.K, Pallavi Badry, Shrihari Saduwale and Obulesh	Optimization Of G+2 Residential Building Using Machine Learning	INTERNATIONAL JOURNAL OF CURRENT ADVANCED RESEARCH	-	Sep-22	Volume; 11 Issue 09(A)	2319-6505	<a href="http://dx.doi.org/10.24327/ijcar.2022.1524.0338">http://dx.doi.org/10.24327/ijcar.2022.1524.0338</a>	-	1516-1524
13	Krishna Chaitanya Lingampally, Swathi Veerupakshi	Seismic Analysis and Positioning of Floating Columns in a Multistorey Building using ETABS	International Journal of Research in Engineering, Science and Management	-	Jul-22	Volume 5, Issue 7	84-89	<a href="https://www.ijresm.com">https://www.ijresm.com</a>	-	2581-5793
14	Sriniththe Kamlecar , Shrihari Saduwale , Vithal Biradar	Comparative Study On Diagrid, Rigid Frame and Shear Wall Structural Systems in High Rise Buildings	International Journal of Advances in Engineering and Management (IJAEM)	-	Sep. 2022	Volume 4, Issue 9	1152-1160	<a href="http://www.ijaem.net">www.ijaem.net</a>	-	2395-5252

15	T. Vinay , Hemanth ,Pallavi Badry,Kamalini Devi , Obulesh	Prophecy of Compressive Strength of Geopolymer Concrete using Artificial Neural Networks	International Journal of Advances in Engineering and Management (IJAEM)	-	Aug. 2022	Volume 4, Issue 8	1221- 1229	www.ijaem.net	-	2395-5252
16	Syed Zubair Uddin, Vithal Biradar	Comparative Study of Tube in Tube Flat Slab with Tube in Tube Waffle Slab, Structures Under the Sesmic Loads	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	-	Sep-22	Volume 9 Issue IX	2113- 2121	<a href="https://doi.org/10.22214/ijraset.2021.38329">https://doi.org/ 10.22214/ijraset. t.2021.38329</a>	-	2321-9653
17	Anand K Sheelvanth, V.Saikiran, CH Saikrishna, D.Balshetty, V.Uday Kumar	Study and Their Treatment Analysis of Surface Water in Hyderabad City Zone by Electro- Coagulation Method	International Journal for Scientific Research & Development	-	May 2023	Vol. 11, Issue 3,	60-63	-	-	2321-0613

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**Book Chapter Details (2022-2023)**

S No	Authors Details	Title of Paper	Title of Book	Indexing	Date	Page No.	DOI No.	Publisher	ISBN / ISSN
1	Pallavi Badry	Study on the strength behavior of clay blended with non-woven surgical masks fabrics	Latest Developments in Civil Engineering Proceedings from the International Conference on Recent Advances in Civil Engineering, RACE 2022	Scopus	Oct. 14 -15, 2020	103-114	<a href="https://doi.org/10.1007/978-981-99-2676-3">https://doi.org/10.1007/978-981-99-2676-3</a>	Springer, Singapore	978-981-99-2676-3
2	Dheeraj Reddy, and Pallavi Badry	"Seismic Analysis Of Building On Sloping Ground Including Soil Structure Interaction"	Latest Developments in Civil Engineering Proceedings from the International Conference on Recent Advances in Civil Engineering, RACE 2022	Scopus	Oct. 14 -15, 2021	463-474	<a href="https://doi.org/10.1007/978-981-99-2676-4">https://doi.org/10.1007/978-981-99-2676-4</a>	Springer, Singapore	978-981-99-2676-3
3	Ganesh Reddy.S, Aditya Komaravolu, Kamalini Devi, Shrihari Saduwale, Obulesh	Optimization of Intze Type Water Tank Using Machine Learning	Latest Developments in Civil Engineering Proceedings from the International Conference on Recent Advances in Civil Engineering, RACE 2022	Scopus	Oct. 14 -15, 2022	437-461	<a href="https://doi.org/10.1007/978-981-99-2676-5">https://doi.org/10.1007/978-981-99-2676-5</a>	Springer, Singapore	978-981-99-2676-3
4	N.B.S. Priyadarshini, M Ashritha, Kamalini Devi, Obulesh	Optimization of Reinforced Concrete Shear Wall by Machine Learning	Latest Developments in Civil Engineering Proceedings from the International Conference on Recent Advances in Civil Engineering, RACE 2022	Scopus	Oct. 14 -15, 2022	475-490	<a href="https://doi.org/10.1007/978-981-99-2676-6">https://doi.org/10.1007/978-981-99-2676-6</a>	Springer, Singapore	978-981-99-2676-3
5	B. S. Das, J. R. Khuntia & K. Devi	Estimation of Shear Force Distribution in Two-Stage Open Channel Using SVM and ANFIS	River Dynamics and Flood Hazards, Disaster Resilience and Green Growth book series	Scopus	Nov - 2022	203-222	10.1007/978-981-19-7100-6_12	Springer, Singapore	978-981-19-7100-6