



## HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
Accredited with 'A' Grade by NAAC, Accredited by NBA (ECE, MECH, EEE, IT & CSE)  
Coimbatore - 641 032



### DEPARTMENT OF CIVIL ENGINEERING

### JOURNAL PUBLICATIONS BY FACULTY

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal (with ISSN)	Volume, Issue, Page No.	Year
1	Ms. P. Subashree	Experimental Study of Hybrid Rubberized Composite Slab	Archives of Civil Engineering (DOI: 10.2478/ace-2018-0060)	Vol. LXIV, No. 4, pp.22-29	2018
2	Mr. S. Vivek	Rainfall Variation and Frequency Analysis of Tiruppur District for Crop Planning, Tamilnadu, India.	Indian Journal of Ecology (ISSN: 0304 – 5250)	Vol.46, No. 3, pp. 610–613	2019
3	Mr. R. Sakthivel	Red Mud Brick using Lime and Coir Fibre	Test Engineering and Management ISSN: 0193-4120)	Vol. 83, pp. 5132–5136	2020
4	Mr. K. Siddharth	Experimental Study on Composite Concrete Slabs with Dovetailed Profiled Deck Sheet for Sustainable Development	Journal of Green Engineering (ISSN 1904-4720, 2020)	Vol.10, No.6, pp. 2693–2709	2020
5	Mr. S. Vivek	Experimental Investigation on Bricks by using Cow Dung, Rice Husk, Egg Shell Powder as a Partial Replacement for Fly Ash	The Asian Review of Civil Engineering (ISSN: 2231-6108)	Vol.10, No.1, pp. 1-7	2020
6	Ms. R. Priyadarshini	Characteristic Assessment of Self-Compacting Concrete with Supplementary Cementitious Materials	Construction and Building Materials - Elsevier (ISSN: 0950-0618)	Vol.297, pp. 1-14	2021
7	Mr. S. Vivek	Hydro-Geochemical and Quality Assessment of Groundwater for Irrigation Purpose in Tiruppur Taluk, Tamil Nadu	Journal of Environmental Protection and Ecology (ISSN: 1311-5065)	Vol. 22, No.5, pp.1836-1850	2021
8	Mr. V. Suresh Mr. K. Siddharth Mr. M. Dinesh Kumar	Experimental Study on Shear Strength Parameters of Soil-Tar	International Research Journal of Engineering and Technology (IRJET) (e-ISSN:2395-0056)	Vol.8,No.12, pp.809-812	2021

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9	Mr. R. Parthasaarathi	Comparative Study on Analysis and Design of Structural Steel Elements with Indian Standard Codes and American Institute of Steel Construction Codes	International Journal of Novel Research and Development (IJNRD) (ISSN: 2456-4184)	Vol. 7, No.8, pp. 1326-1334	2022
10	Mr. R. Parthasaarathi	Strength Study and Behavior of RCC Interior Beam to Column Joints Subjected to Periodic Loading	International journal of Novel research and development (IJNRD) (ISSN: 2456-4184)	Vol. 7, No.8, pp.1317-1325	2022
11	Dr. S. Vivek	Simulation of Groundwater Quality for Noyyal River Basin of Coimbatore City, Tamil Nadu using MODFLOW	Chemosphere – Elsevier (ISSN: 0045-6535)	Vol.306, 135649, <a href="https://doi.org/10.1016/j.chemosphere.2022.135649">https://doi.org/10.1016/j.chemosphere.2022.135649</a>	2022
12	Dr. S. Vivek	Groundwater Quality Assessment and its Suitability for Drinking and Agricultural Purpose, Dindigul Taluk, Tamilnadu, India	Chemical Papers – Springer (ISSN: 0366-6352)	Vol.76, pp.6591-6605 <a href="https://doi.org/10.1007/s11696-022-02344-4">https://doi.org/10.1007/s11696-022-02344-4</a>	2022
13	Dr. S. Vivek	Performance of Polyvinyl Alcohol and Polypropylene Fibers under Simulated Cementitious Composites Pore Solution	Advances in Materials Science and Engineering – Hindawi (ISSN: 1687-8434)	Vol.2022, Article ID 9669803 <a href="https://doi.org/10.1155/2022/9669803">https://doi.org/10.1155/2022/9669803</a>	2022
14	Dr. S. Vivek	Deriving an Alternative Energy using Anaerobic Co-Digestion of Water Hyacinth, Food Waste and Cow Manure	Journal of Renewable Energy and Environment (ISSN: 2423-7469)	Vol. 10, No.1, pp. 19-25	2022
15	Mr. V. Suresh Mr. M. Dinesh Kumar Mr. K. Siddharth	Experimental Study on the Effect of Powdered RECRON-3S (PR3) on Shear Strength Parameters of Red Clay	International Research Journal of Engineering and Technology (e-ISSN:2395-0056)	Vol. 09, No.05, pp.726-730	2022
16	Dr. S. Vivek	Comparative Analysis of Agro Waste Material Solid Biomass Briquette for Environmental Sustainability	Advances in Materials Science and Engineering – Hindawi (ISSN: 1687-8434)	Vol.2022 <a href="https://doi.org/10.1155/2022/3906256">https://doi.org/10.1155/2022/3906256</a>	2022
17	Dr. S. Vivek	Biosorption of Malachite Green from Aqueous Phase by Tamarind Fruit Shells using FBR	Advances in Materials Science and Engineering – Hindawi (ISSN: 1687-8434)	Vol.2022 <a href="https://doi.org/10.1155/2022/8565524">https://doi.org/10.1155/2022/8565524</a>	2022
18	Dr. S. Vivek	Vulnerability Assessment of Groundwater in Industrialized Tiruppur Area of South India using GIS-based DRASTIC Model	Journal of Geological Society of India (ISSN:0016-7622)	Vol.98, pp.696-702 <a href="https://doi.org/10.1007/s12594-022-2046-6">https://doi.org/10.1007/s12594-022-2046-6</a>	2022

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19	Dr. S. Vivek	Comparative Assessment of Groundwater Quality Indices of Kannur District, Kerala, India using Multivariate Statistical Approaches and GIS	Environmental Monitoring and Assessment (ISSN: 0167-6369)	Vol.195, No.29, <a href="https://doi.org/10.1007/s10661-022-10538-2">https://doi.org/10.1007/s10661-022-10538-2</a>	2022
20	Dr. S. Vivek	An Integrated Approach for an Impact Assessment of the Tank Water and Groundwater Quality in Coimbatore Region of South India: Implication from Anthropogenic Activities	Environmental Monitoring and Assessment (ISSN: 0167-6369)	Vol.195, No.88, <a href="https://doi.org/10.1007/s10661-022-10598-4">https://doi.org/10.1007/s10661-022-10598-4</a>	2022
21	Dr. S. Vivek	Comparative Assessment of Groundwater Vulnerability using GIS-based DRASTIC and DRASTIC-AHP for Thoothukudi District, Tamil Nadu, India	Environmental Monitoring and Assessment (ISSN: 0167-6369)	Vol.195, No.57, <a href="https://doi.org/10.1007/s10661-022-10601-y">https://doi.org/10.1007/s10661-022-10601-y</a>	2022
22	Dr. S. Vivek	Biosorption of Nitrate by Thermodynamic and Kinetics Study using Tamarind Fruit Shells	Global Nest Journal (ISSN: 1790-7632)	Vol 24, No 4, pp. 720-728, <a href="https://doi.org/10.30955/gnj.004480">https://doi.org/10.30955/gnj.004480</a>	2022
23	Dr. S. Vivek	Block-level Drought Assessment using Rainfall and Remote Sensing Data	Global Nest Journal (ISSN: 1790-7632)	Vol.24, No.4, Vol 24, No 4, pp. 681-686, <a href="https://doi.org/10.30955/gnj.004485">https://doi.org/10.30955/gnj.004485</a>	2022
24	Dr. S. Vivek	Biosorption of Chromium (VI+) using Tamarind Fruit Shells in Continuously Mixed Batch Reactor	Global Nest Journal (ISSN: 1790-7632)	Vol 25, No 1, pp. 180-186, <a href="https://doi.org/10.30955/gnj.004561">https://doi.org/10.30955/gnj.004561</a>	2022
25	Dr. S. Vivek	Leachate Transport Phenomenon on Groundwater Quality: Modeling Using MODFLOW and MT3DMS Tools	Global Nest Journal (ISSN: 1790-7632)	Vol 25, No 3, pp. 44-55, <a href="https://doi.org/10.30955/gnj.004564">https://doi.org/10.30955/gnj.004564</a>	2022
26	Mr. Suresh V Mr. Dinesh Kumar M	Maintenance Methodologies Embraced for Railroad Systems: A Review	Advances in Material Science and Engineering – Hindawi (ISSN: 1687-8442)	Vol.2022, <a href="https://doi.org/10.1155/2022/7655245">https://doi.org/10.1155/2022/7655245</a>	2022