

Academic Year (2021-2022)							
S.No	Name of the Authors	Title of the Paper	Name of the Journal	Volume No. Issue No. and Page(s) No.	Year	Impact factor	DOI
1	Gupta, D., Kumar, V., Ayus, I., Vasudevan, M., <b>Natarajan, N.</b>	Short term prediction of wind power density using convolutional LSTM network.	FME Transactions	49(3), 653-663	July 2021	ESCI, 1.6	doi:10.5937/fme2103653G
2	Sivapragasam, C., Janani, A.V., Andappan, A., Archana, B., Vasudevan, M., <b>Natarajan, N.</b>	Real-time monitoring as an adaptive strategy towards green treatment of textile effluent using biosorbent from <i>Acalypha indica</i> .	Water supply	21(5): 2019-2034.	August 2021	SCIE, 1.275	<a href="https://doi.org/10.2166/ws.2021.033">/doi.org/10.2166/ws.2021.033</a>
3	Vasudevan, M., <b>Natarajan, N.,</b>	An investigation on the adaptability of residential rainwater harvesting system in Tamil Nadu – Techno-Economic considerations and the way forward.	Water supply	21(5):1927-1938.	August 2021	SCIE, 1.275	<a href="https://doi.org/10.2166/ws.2020.249">/doi.org/10.2166/ws.2020.249</a>

4	Vasudevan, M., Karthika, K., Gowthaman, S., Karthick, K., Balaganesh, P., Suneeth Kumar, S.M., <b>Natarajan, N.</b>	Aerobic in-vessel co-composting of dewatered sewage sludge with mixed municipal wastes under subhumid and semiarid atmospheric conditions.	Energy Sources A : Recovery, utilization and environmental effects	43(24), 3403-3414	October 2021	SCIE, 3.447	<a href="https://doi.org/10.1080/15567036.2019.1624888">doi.org/10.1080/15567036.2019.1624888</a>
5	Gupta, D., <b>Natarajan, N.</b>	Prediction of uniaxial compressive strength of rock samples using density weighted least squares twin support vector regression	Neural computing and applications	33, 15843-15850	October 2021	SCIE (Q1), 5.606	<a href="https://doi.org/10.1007/s00521-021-06204-2">doi.org/10.1007/s00521-021-06204-2</a>
6	<b>Sakthivel, T.</b> , Gettu, R., Pillai, R.	Drying shrinkage of concrete with blended cementitious binders: Experimental study and application of models	Indian concrete journal	95(10), 34-50	October 2021	Scopus	-
7	<b>Sakthivel, T.</b> , Gettu, R., Pillai, R.	Adjustment of RILEM B4 model parameters for better prediction of the shrinkage response of blended cement concrete	Indian concrete journal	95(10), 51-57	October 2021	Scopus	-
8	<b>Natarajan, N.</b> , Vasudevan, M., <b>Dineshkumar, S.</b> , Nandhini, S.S., Balaganesh, P.	Effects of air pollution on monumental buildings in India: An overview	Environmental science pollution research	29, 29399–29408	April 2021	SCIE (Q1), 4.33	<a href="https://doi.org/10.1007/s11356-021-14044-9">doi.org/10.1007/s11356-021-14044-9</a>

9	<b>Srinivasan, K., Manikandan, A., Manjupriya, S.</b>	Experimental Study on Fractional Substitute of Cement with Glass Powder and Egg Shell Powder	International journal of innovative technology and exploring engineering	10(12), 13-15	October 2021	-	DOI: 10.35940/ijite.D1131.10101221
<b><u>Book Chapter</u></b>							
1	<b>Balaganesh, P., Vasudevan, M., Rameswari, R., Natarajan, N.</b>	Recent trends in IOT- enabled composter for organic wastes	Lecture notes in civil engineering	445-457	2022	Scopus	doi.org/10.1007/978-981-16-5543-2_36