



**SYMBIOSIS INSTITUTE OF TECHNOLOGY,
PUNE**

**Constituent of Symbiosis International (Deemed University),
Pune**

Department of Civil Engineering

Publication in year 2021-22

Open Access Publication in AY 2021 22

Sr. No.	Year	Title	Authors	Journal	Volume	Issue	Page No.	Index	Quartile	SJR IF
1	2021	SPECIAL ISSUE EDITORIAL: Next Generation ICTs - How distant is ubiquitous computing?	Dr. Kirti Ruikar, Dr.Ketan Virendrabhai Kotecha, Dr.Sayali Shrikrishna Sandbhor *, Dr. Albert Thomas	Journal of Information Technology in Construction	26	1	639 - 642	SCOPUS	Q2	0.59
2	2021	BIM usage benefits and challenges for site safety application in Indian construction sector	Shalaka Hire, Dr.Sayali Shrikrishna Sandbhor *, Dr. Kirti Ruikar, Dr. Amarnath C.B.	Asian Journal of Civil Engineering	1	1	1 - 19	SCOPUS	Q3	0.37
3	2022	Feasibility of VOF-FEM Coupling to Study the Wave Impact on a Sloping Seawall	Ms. Vaishnavi Vivek Dabir, Shinde Sapana, Dr.Kanchan C. Khare *, Shreevinas Londhe,	SSRG International Journal of Engineering Trends and Technology	70	4	82 - 94	SCOPUS	Q4	0.16
4	2022	Drought Pattern Assessment over Marathwada, India Through the Development of Multivariate Advance Drought Response Index	Singh, T.P., Deshpande, M., Das, S., Kumbhar, V.	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	43	1	1173- 1180	SCOPUS	Conference	0.27



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5	2022	Identification of Inorganic Chemical Formulas based on Support Vector Machine and SURF Key Point Descriptor	Mapari, S., Chaudhary, N.	International Journal of Computing and Digital Systems	11	1	345-354	SCOPUS	Q3	0.23
6	July 2021	Analysis of Laminated Beams: A Bibliometric Review	Waghmare A., Kulkarni S.	Library Philosophy and Practice	1	1	1-12	SCOPUS	Q2	-
7	Sep 2021	Exploring an Approach to Estimate Runoff in an Ungauged Mixed Urban Micro Catchment-A Case Study, Pune, India	Ms.Mugdha Praveen Kshirsagar *, Rushikesh Satpute, Digant Chavda, Dr.Kanchan Chandrashekhar Khare	Cardiometry	11	24	584 – 592	SCOPUS	NA	-



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8	2021	Micro-plastic pollution in marine, freshwater and soil environment: a research and patent analysis	Sangita Dike, Dr.Sayali Deepak Apte *, Dr Amit Tiwari,	International Journal of Environmental Science and Technology	1	1	1 - 28	SCOPUS	Q1	0.6
9	2021	Materials in constructed wetlands for wastewater remediation: A review	Vandana Patyal, Dr.Dipika Amarpritsingh Jaspal *, Dr.Kanchan Chandrashekhar Khare	Water Environment Research	0	0	2853 - 2872	SCOPUS	Q2	0.67
10	2021	Materials for phosphorous remediation: a review	Vandana Patyal, Dr.Dipika Amarpritsingh Jaspal *, Dr.Kanchan Chandrashekhar Khare	Phosphorus, Sulfur and Silicon and the Related Elements	196	12	1025 - 1037	SCOPUS	Q4	0.24
11	2021	Spatial Decision Support System for Impact Analysis of Soil Characteristics on Crop Production Using Geo-Spatial Technologies	Patel, S., Shinolikar, N., Patkar, V., Singh, T.P.	2021 IEEE 2nd International Conference on Technology, Engineering, Management for Societal Impact using Marketing, Entrepreneurship and Talent, TEMSMET 2021	NA	NA	NA	SCOPUS	Conference	Conference



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12	2021	Arsenic contamination, impact and mitigation strategies in rice agro-environment: An inclusive insight	Moulick, D., Samanta, S., Sarkar, S., Mukherjee, A., Pattnaik, B.K., Saha, S., Awasthi, J.P., Bhowmick, S., Ghosh, D., Samal, A.C., Mahanta, S., Mazumder, M.K., Choudhury, S., Bramhachari, K., Biswas, J.K., Santra, S.C.	Science of the Total Environment	800		149477	SCOPUS, SCIE	Q1	1.95
13	2022	Drought risk assessment and prediction using artificial intelligence over the southern Maharashtra state of India	Singh, T.P., Deshpande, M., Das, S., Kumbhar, V.	Modeling Earth Systems and Environment	7	3 3	2005-2013	SCOPUS 2005	2013	0.73
14	2022	Spatiotemporal change in urban landscape and its effect on behavior of diurnal temperature range: a case study of Pune District, India	Sandbhor, P., Singh, T.P., Kalshetty, M.	Environment, Development and Sustainability	24	1	646-665	SCOPUS, SCIE	Q1	0.84
15	2022	Urban Water Security: Geospatial Assessment For Water Supply Services In Pune, India	Jain Tholiya, J., Chaudhary, N.	Urban Water Journal	19	6	616- 628	SCOPUS	Q1	0.66
16	May 2022	Particle Deposition of Diamond-Like-Carbon on Silicon Wafers using Inductively Coupled PECVD	Jatti V.S., Laad M., Jatti V.S., Pulii V.S.	International Journal of Thin Film Science and Technology	11	2	233-238	SCOPUS	Q4	0.16



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17	April 2022	Constructed Wetlands for removal of Phosphorus from Domestic Wastewater-A Patent Review	Patyal V., Jaspal D., Tiwari A.K., Khare K.	Sustainable Water Resources Management	8	2	45	SCOPUS, WOS (ESCI)	Q2	0.47
18	July 2021	Performance Comparison of Concrete Composites for Sustainable Construction	Patel D., Tiwari A., Nikhare N., Shinde R., Dubey A., Shah M., Sandbhor S., Hire S.	IOP Conference Series: Earth and Environmental Science	822	1	12036	SCOPUS	Conference	0.2
19	Aug 2021	Analysis of land use and land cover dynamics and forest disturbance in Western Ghats Region of Maharashtra, India	Metha K., Singh T.P.	Indian Journal of Ecology	48	3	662 - 670	SCOPUS	Q3	-
20	Oct 2021	Eroding Ecosystem Services And Functions And Proposed Business Strategies: Problems And Prospects In And Around Village Devbag, Southern Coastal Maharashtra, India	Pisolkar Y., Chaudhary N., Apoorva M.	Indian Journal of Environmental Protection	41	10	1133-1140	SCOPUS	Q4	0.13
21	Mar 2021	Paradigm shift in Construction processes with industry 4.0	Sayali Sandbhor, Kirti Ruikar, Shalaka Hire	Industry 4.0 in Small and Medium – sized enterprises (SMEs)	1 st Edition	NA	20	Book Chapter	NA	NA



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Summary

Sr. no.	Quartile	Total count of papers (17)	Conference	Book chapter
1	Q1	5	3	1
2	Q2	4		
3	Q3	3		
4	Q4	4		
5	Not Assigned	1		