

PUBLICATIONS:

International Referred Journals (18)

1.	“Predicting carbonation coefficient using Artificial neural networks and genetic programming”, S.N. Londhe, P.S. Kulkarni , P.R. Dixit a, A. Silva, R. Neves, J. de Brito, Journal of Building Engineering, Elsevier, 39, 102258, Jan 2021.
2.	“Predicting Strength of Concrete using Artificial Neural Network , Multi Gene Genetic Programming and Model Tree”, Preeti Kulkarni, Shreenivas Londhe, Pradnya Dixit, Challenge Journal of Structural Mechanics, 5(2), 42-61, June 2019
3.	"Flood Routing: A review of numerical model applications", P.R.Dixit, Sneha Nikalje , Journal NX , Multidisciplinary peer reviewd Journal, ISSN No.(E):2581-4230,(June 2018) 32-35
4.	“Neuro-wavelets in water flows”, P.R. Dixit, S.N.Londhe and M. C. Deo, Indian National Academy of Engineering (INAE) Letter, Springer , 2016
5.	“A coupled numerical and artificial neural network model for improving location specific wave forecasts” , S.N.Londhe, Shalaka Shah, P.R.Dixit, T.M. Balakrishnan, P. Sirisha and Rohit Jain, Applied Ocean Research, 59(July 2016), 483-491
6.	“Control of Hydraulic Jump using abrupt rise in bed level”, P.R. Dixit, Raj sheth, International Journal of Modern trends in Engineering and Research, Vol.3,Issue 4 , April 2016, 437-441.
7.	“Prediction of Extreme Wave Heights Using Neuro Wavelet Technique”, P.R. Dixit, S.N.Londhe, Applied Ocean Research, Elsevier, 58, April 2016, 241-252
8.	“Application of Geno-Wavelet Technique to Improve the Location Specific Wave Forecasts”, ShreenivasLondhe, Pradnya Dixit, ShwetaNarkhede, Procedia Engineering, Elsevier, 116, Sept 2015, 971-978
9.	“Behavioral Characteristics of Multilevel Decomposition Systems of Neuro-Wavelet in Wave Forecasting”, Pradnya Dixit, ShreenivasLondhe, Shalaka Shah, Procedia Engineering, Elsevier, 116, Sept 2015, 406-413
10.	“Infilling of missing daily rainfall records using artificial neural network”, S.N.Londhe, Pradnya Dixit, Shalaka Shah, Shweta Narkhede, ISH Journal of Hydraulic Engineering, Taylor and Francis, 21(3), Sept 2015, 255-264
11.	Trends in the Rainfall Pattern over Vidarbha Region of Maharashtra State, India, Pradnyadixit and Aparna Deulkar,International Journal of Modern Trends in Engineering and Research, IJMTER,July 2015, 383-390.
12.	Applications of MIKE 11 for Flood Forecasting (A Review),, Pradnya Dixit and Alifiya Shaikh, International Journal of Modern Trends in Engineering and Research, IJMTER, July 2015, 201-204.
13.	Evapotranspiration Modeling Using M5 Model Tree, P.R. Dixit and Nitin Sawalkar, International Journal of Earth Sciences and Engineering (IJESE 2015), ISSN 0974-5904, 001- 008.
14	“Wave Forecasting using Neuro-Wavelet Technique”, P.R. Dixit, S.N.Londhe, Y.H. Dandawate , International Journal of Ocean and Climatic Systems, 5(4), Dec 2014, 237-248,

15	“Removing prediction lag in wave height forecasting using Neuro - Wavelet modeling technique”, P.R. Dixit, S.N.Londhe, Y.H. Dandawate , Ocean Engineering, 93, Jan 2015,74-83
16	“Forecasting Stream Flow using Support Vector Regression and M5 Model Trees”, S.N.Londhe and P.R.Dixit, The International Journal of Engineering Research and Development (IJERD), 2(5), July 2012, 1-12
17	“Genetic programming: A Novel Computing Approach in Modeling Water Flows”, S.N.Londhe and P. R. Dixit, Genetic Programming, InTech Publications, editor: Sebastian Ventura Soto, ISBN 980-953-307-215-4, http://dx.doi.org/10.5772/48179 , 2012,199-224,
18	“Forecasting Stream Flow Using Model Trees”, S.N.Londhe, P.R.Dixit, International Journal ofEarth Sciences and Engineering ISSN 0974-5904, Volume 04, (06 SPL), October 2011, 282-285