Ms. SHALAKA S. SHAH

M.E. (Water Resources and Environmental Engineering)

Asst. Professor
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EDUCATION QUALIFICATIONS:

EXAMINATION	INSTITUTION/ COLLEGE	YEAR OF PASSING	MARKS
M.E. Water Resources and Environmental Engineering	Vishwakarma Institute of Information Technology, Pune	2016	Final C. G. P. A. = 9.07
B.E. (Civil)	Vishwakarma Institute of Information Technology, Pune	2014	69.33%

EXPERIENCE

1. **Research:**

- **Worked as a research assistant for 2 years (2012-2014)** under the guidance of Dr. S.N. Londhe.
  - Project Title: Infilling of Missing Rainfall data using Soft Computing Tools.
    - Funded by: Board of College and University Development, Pune University.
- **Research Assistant for a live project funded by INCOIS,** Hyderabad at VIIT, Pune, since 2014.
  - Project Title: Improving location specific wind heights forecast using Soft Computing Tools.
  - Funded by INCOIS, Hyderabad.

2. **Teaching:**

- Assistant Prof at AISSMS College of Engineering since 09/06/2017

PROFESSIONAL SKILLS

- Softwares: Autodesk AutoCAD, MS Office, MATLAB, MIKE11, MIKE Hydro, HEC-RAS
- Soft computing tools: ANN, GP, Wavelet
- Languages: English, Hindi, Gujarati, Marathi

PUBLICATIONS

Referred Journals

1. Londhe S. N., Dixit P., Shah S., Narkhede S., (2015), "Infilling of Missing Daily Rainfall Records using Artificial Neural Networks", ISH Journal of Hydraulic Engineering, 21(3), pp 255264.

2. Dixit P., Londhe S. N., Shah S., (2015), "Behavioural Characteristics of Multilevel Decomposition Systems of Neuro-Wavelet in Wave Forecasting", 8th International Conference on Asian and Pacific coast (APAC 2015) Department of Ocean Engineering, IIT Madras, India.

3. Londhe, S. N., Shah, S., Dixit, P. R., T.M. Balakrishnan Nair,P. Sirisha,Jain, R., (2016), "A Coupled Numerical and Artificial Neural Network Model for Improving Location Specific Wave Forecast", Applied Ocean Research, pp. 483-491.

International Conference:

1. Londhe S. N., Dixit P. R., Shah S. S., Narkhede S. A. (2013) "Infilling of Missing Daily Rainfall Records Using Soft Computing Tools", Proceedings of Hydro 2013 International,, IIT Madras, India.

2. Londhe S. N., Dixit P. R., Shah S. S., Narkhede S. A. (2014) "Infilling of Missing Daily Rainfall Records Using Artificial Neural Network", Proceedings of 3rd International Conference on Recent Trends in Engineering & Technology, Chandwad, Maharashtra, India.

3. Lawand M., Londhe S. N., Dixit P. R., Shah S. S., Narkhede S. A. (2014) "Infilling of Missing
Daily Rainfall Records using CCWM and GP" International Conference on Science and Technology, Indapur, Maharashtra, India.

4. Londhe S. N., Dixit P., B.Niar T.M., Shirisha P., Jain R., Shah S., (2015), "Error Reduction in Location Specific Wave Forecast Using Artificial neural network." World Ocean Science Congress 2015, Kochi.

5. Londhe, S. N., Shah, S. S., (2016), "Knowledge Extraction from Artificial Neural Network Models Developed for Evaporation", International Association for Hydro-Environment Engineering and Research – Asia Pacific Division (IAHR-APD), Colombo, Sri Lanka.

6. Shah, S. S., Londhe, S. N., (2016),"Determining Influence of Inputs in Neural Network Models", Proceedings of International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2016), CWPRS Pune, India, pp 1290-1298.

AWARDS

1. **Awarded FIRST PRIZE at PCERF – Padmashree B. G. Shirke Vidyarthi Award 2015–16**
   - **Category of award received** – Best Undergraduate Project in the Field of Civil Engineering

2. **Awarded the BEST PRESENTER AWARD at IITM, Pune - Annual Monsoon Workshop 2015 and National Symposium on Understanding and Forecasting Monsoon Extremes**

CO CURRICULAR ACTIVITIES

- Participated twice in District Level Research Competition, AVISHKAR, organized by Pune University.
- Worked with organizing committee as Master of Ceremony for the award function of PCERF-Padmashree B. G. Shirke Vidyarthi Award 2015-16.