

MRS: SUPRIYA PATIL-BIRADAR (ME WATER RESOURCES ENGINEERING)

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OBJECTIVES

To create a positive professional image by seeking a position to utilize my skills and abilities in the educational field.

TEACHING STATEMENT

- I am an expertise in Water Resources Engineering Subjects with skills with a conventional style of teaching on board or by presentation on a projector with slides.
- We can implement virtual classroom technology for students and teachers, which will benefit and bring forth a different direction to both students and teachers.

WORKING EXPERIENCE

Teaching Experience: Worked as an Assistant Professor at Dr. D Y Patil School of Engineering, Lohegaon for 9 Months & currently working at Dr. D Y Patil College of Engineering, Akurdi since 2 July 2018.

- **My Subject Expertise are as follows:**
 - 1. Fluid Mechanics**
 - 2. Hydrology & Water Resources Engineering**
 - 3. Environmental Engineering**

MANAGEMENT EXPERIENCE

1. Worked as a Lab in charge of Fluid Mechanics at Dr. D Y Patil School of Engineering, Lohegaon.
2. Attended many Faculty Development programs, STTPs.
3. I am Life Time Member of Indian Water Resources Society.
4. I have Co-ordinated in the State Level Maha Expo Exhibition held at Aurangabad.
5. I have Co-ordinated International Level Technical Event in Government College of Engineering, Aurangabad.
6. Attended various workshops & seminars related to software used in water distribution system.
7. I am working here as a Lab in charge for Engineering Geology Lab in DYPCOE.
8. Also I am a Departmental Library Coordinator in DYPCOE.

EDUCATIONAL QUALIFICATIONS

Qualification	Year of passing	University / Board	Percentage
ME Civil (WRE)	2017	BAMU	7.785 CGPA
BE (Final Year)	2014	SRTMUN University	71.20%
H.S.C	2010	Latur Board	87.50%
S.S.C	2008	Latur Board	90.30%

PROJECTS COMPLETED

1. Final year Project as Part of the Engineering Curriculum.

Project Name	Description
STUDY OF SEISMIC BASE ISOLATION	In the first approach the isolation system introduces a layer of low lateral stiffness between the structure and the foundation. This results in increase in the natural period of the building. To enhance the structural integrity and safety, more reliable and effective techniques for seismic design of structures based on structural concepts are desired. Seismic Base Isolation is the most effective alternative for design of structures. It can be adopted for new as well as for retrofitting of the existing buildings.

2. ME Dissertation Details

Title of Dissertation	Description
Hydraulic Modeling of Water Distribution System with reference to Technical Sustainability by using Water Gems.	A safe supply of potable water is the basic necessity of people. It include transport of water over long distances for supply of water to urban area, water distribution system for a group of rural towns, water distribution network of a city, and so forth. A water pump supplies water through primary, secondary, and distributor water mains to supply water to consumers and for fire protection. For the optimization of water distribution network by Water GEMS tool is used. The analysis of the distribution system is made using Water GEMS software. It is an efficient method of designing new pipe layouts and pipe rehabilitation projects.

RESEARCH PAPER PUBLISHED

International Journal

"Hydraulic Modeling of Water Distribution System with Reference to Technical Sustainability by using Water Gems" **Paper published** in IJRSET Vol. 6, Issue 6, June 2017.

"Ground Water Recharging by Semi-filtered Sewage and Runoff" Paper published in IJRASET Vol 7, Issue 6, June 2019

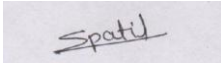
SOFTWARE SKILL SET

- QGIS, Water Gems, EpaNet.

PERSONAL DETAILS

- Name : Mrs. Supriya Patil-Biradar
- Date of Birth : 08/05/1993
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- Current Address : Amar biradar, Flat No- D1002, 7-Plumeria Drive, Near Dange chowk, Punavale, Pune

Date: 21/06/2019



Place: Pune

(Mrs. Supriya Patil-Biradar)