

Curriculum Vitae

Name: Sujit Jalindar Gatkal

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Date of Birth: 05th September 1991



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	% CGPA	Class
M. E.	(CIVIL WRE)	Government College of Engineering, Aurangabad	Dr. BAMU Aurangabad	2017	7.26	Distinction
B.E.	(Civil Engineering)	Marathwada Institute of Technology, Aurangabad	Dr. BAMU Aurangabad	2014	68.13	Distinction

B.E. Project

- *“Introduction and Design of Water Treatment Plant”.*

M.E. Dissertation

- *“Application of Artificial Neural Network to Predict the Rainfall in Aurangabad City, Maharashtra & NDVI: Irrigation Performance Evaluation Using RS and GIS”.*

Key Research Areas:

- Structural Audit of Existing Structure

Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	03 Sep 2018 to till date		1.7 years
2	Hi-Tech Institute of Engineering, Aurangabad	Assistant Professor	July 2017 to August 2018		1 years

List of Courses Taught/Teaching at UG level

- Water Resources Engineering
- Environmental Engineering
- Design for Environmental
- Fire Safety in Building
- Advanced Civil Engineering Material
- Fluid Mechanics
- Basic Civil Engineering

Additional Assignments/Duties

- Working as Co-coordinator for Unnat Maharashtra Abhiyan (UMA)
- Working as Co-coordinator for Unnat Bharat Abhiyan (UBA)
- Working as Co-coordinator for Jalyukt Shivar Abhiyan JSYA

Computer/Software Proficiency

- **Basic Computer Skills**

Auto CAD (Civil)
MS-CIT
Basics of Microsoft Office

- **Software**

QGIS
EPA NET, BRANCH
MATLAB (NN TOOL)

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended

- **Conference**

1. 3rd National Conference on “*Sustainable Water Resources Development and Management-2016*”, at Govt. Engineering College, Aurangabad.
2. 49th Annual Convention of IWWA on “*Smart Water Management-January 19-21, 2017*”, at Visvesvaraya National Institute of Technology, Nagpur.

- **Workshops**

1. National Workshop on ‘*Innovations, Invention and Patents*’ at GEC, Aurangabad
2. National Workshop on ‘*Intellectual property and Patents*’ at GEC, Aurangabad
3. National Workshop on ‘*Engineering Optimization and its Application*’ at GEC, Aurangabad
4. National Workshop on ‘*Pipe Network Analysis*’ at GEC, Aurangabad

- **STTPs**

1. ‘*Hydrologic Modeling using Open Source Geospatial techniques*’ at GEC, Aurangabad
2. ‘*QGIS and its Applications to Water Resource Engineering*’ at GEC, Aurangabad
3. ‘*Soft Computing Techniques in Engineering Application*’ at GEC, Aurangabad

- **Life-Time Membership**

Indian Water Resource Society (L.M.-2016-7691)

List of Research Publications

Papers in National/ International Journal

1. S. J. Gatkal, P. R. Sarda, P. A. Sadgir "*Application of Artificial Neural Networks to Rainfall Prediction in Aurangabad, Maharashtra, India*", 49th Annual Convention of IWWA on "Smart Water Management" January 19-21, 2017.
2. S. J. Gatkal, P. A. Sadgir "*NDVI: Irrigation Performance Evaluation Using RS and GIS*", Journal of Water Resource Engineering and Management ISSN: 2349-4336 (Online) Volume 4, Issue 2, (STM, Journals 2017)

Co-/Extra-Curricular Activities:

- 'NSS member' of '*Student Representative Council*' in 2010-11 at MIT, Aurangabad

Interpersonal Skills:

- Ability to Rapidly Build Relationship and Set Up Trust
- Confident and Determined

Date: 25 Feb 2020

Place: Aurangabad