

Department of Civil Engineering

FACULTY PROFILE

Nitin U. Sonavane



Qualification: **B.Tech (Civil)**
M.Tech (CWM)

Designation: Assistant Professor

Date of Joining: Sept. 03, 2019.

Teaching Exp.: 05

Industrial Exp.: NA

Mobile No.: +91-9890707909

E-mail: [nusonavane@gmail.com/](mailto:nusonavane@gmail.com)

SUBJECT TAUGHT

1. Hydraulics- I & II
2. Advanced Hydraulics
3. Water Resources Engineering
4. Soil Mechanics
5. Foundation Engineering
6. Project Management
7. Design of Hydraulic Structures
8. Hydropower Engineering
9. Numerical Methods in Civil Engineering
10. Wastewater Treatment

AREA OF RESEARCH INTEREST

1. Computational Hydraulics.
2. Hydrological modeling.
3. Watershed Management.
4. Applications of Numerical Methods & Soft Computing Techniques.

SKILLS SUMMARY

1. **Hydrological Software's:** Arc-GIS, EPA-SWMM.
2. **Hydraulic Software's:** HEC-RAS, CFD-OpenFOAM.
3. **Languages:** C-Programming and Matlab.

RESEARCH PUBLICATIONS

1. **Nitin Sonavane**, Vinay Ashok Rangari, M.L.Waikar, Mahesh Patil (2020). *“Urban storm-water modeling using EPA SWMM” – a case study of Pune city.* In Proceedings of the IEEE B-HTC 8-10 October 2020; pp.9-13.

POSITIONS HELD (ADMINISTRATIVE)

1. Internal Squad Member SRTMUN Winter Exam 2019, VDF School of Engineering & Technology, Latur (AY 2019-20).
2. SRTMUN Online Mode WINTER (2020) & SUMMER (2021) Exam Coordinator, VDF School of Engineering & Technology, Latur (AY 2020-21).
3. Training & Placement Cell Coordinator, VDF School of Engineering & Technology, Latur (2021-Till Date).

POSITIONS HELD (ACADEMICS)

1. Assistant Professor, Department of Civil Engineering, VDF School of Engineering & Technology, Latur, Maharashtra. (Sept. 03, 2019 to Till Date).

<p style="text-align: center;"><u>ROLES AND RESPONSIBILITIES</u></p>	<ol style="list-style-type: none"> 1. Teaching/Research, academic advisor to graduate students. 2. Take responsibility for academic duties required to sustain the delivery of high-quality teaching. 3. Develop and apply appropriate teaching techniques and materials, which create interest, understanding, and enthusiasm amongst students.
<p style="text-align: center;"><u>STTP & FDP ATTENDED</u></p>	<ol style="list-style-type: none"> 1. <i>“Water Futures of Urban and Rural Landscapes”</i>, GIAN, held at College of Technology, G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, (9th -13th Feb. 2018). 2. <i>“Analytical Techniques for Applied Research”</i>, AICTE-QIP, held at SGGSI&T, Nanded. (16th – 20th Feb. 2020). 3. <i>“Practices adopted in Mass Urban Rapid Transport System-Metro Rail”</i>, DTE, held at GCOE, Nagpur. (15th – 20th June 2020). 4. <i>“Mathematics: A Practical Approach in Science and Technology”</i>, held at DIEMS, Aurangabad. (28th June- 3rd July 2020). 5. <i>“Applications of Mathematical Sciences”</i>, held at K.D.K. College of Engineering, Nagpur. (13th -18th July 2020). 6. <i>“Waste Management & its Impact on the Environment”</i>, held at GH Rasoni College of Engineering, Nagpur. (20th - 25th July 2020). 7. <i>“Advanced Technologies in Water Resources Management”</i>, (ATWARM-2020) TEQIP-III, held at GCOE Aurangabad (20th – 27th November 2020). 8. <i>“Recent Trends in Water Engineering”</i>, AICTE-QIP, held at SGGSI&T, Nanded. (25th – 30th May 2020). 9. <i>“Water – A Precious Natural Resource”</i>, held at BIT-Bangalore, Department of Civil Engineering. (22nd–26th March 2022).
<p style="text-align: center;"><u>WORKSHOP/SEMINAR /CONFERENCE ATTENDED</u></p>	<ol style="list-style-type: none"> 1. International Conference on <i>“Technological Advances in Climate-Smart Agriculture and Sustainability”</i> (TACSAS 2017) held at SGGSI&T, Nanded (16th-18th Jan. 2017). 2. <i>“NAAC Assessment and Accreditation Process”</i>, held at SRTMU, Nanded (10th July 2020). 3. <i>“Intellectual Property Rights: Engineer’s Perspective”</i>, held at DIEMS, Aurangabad (27th July 2020). 4. <i>“Teaching Learning Tools”</i>, held at Jaywant COEP, Walwa, Sangli. (28th July 2020). 5. <i>“Sustainable Treatment Options for Liquid Waste Management”</i> held at PCCOE, Pune (29th Aug. 2020). 6. International conference at IEEE Bangalore, <i>“Humanitarian Technology Conference”</i>, B-HTC virtually during (08th-10th Oct. 2020). 7. <i>“Application of Remote Sensing and GIS”</i>, attended International Workshop held at Bhopal, India. (1st – 3rd Dec. 2020). 8. <i>“Entrepreneurship and Skill Development”</i> attended Workshop held at SGGSI&T, Nanded (22nd-23th Feb. 2023). 9. <i>“Adobe Academic Essential”</i> attended AICTE-ATAL Workshop held at VDF Group of Institutions, Latur (11th March 2023).

<u>UG PROJECTS SUPERVISED</u>	<ol style="list-style-type: none"> 1. Nilangekar Rushikesh, Bhalerao Aniket, Rathod Nayan, Bhandare Ganesh, Ghatake Sandeep, Jadhav Indrajeet (2021), <i>“Development of smart cities in existing urban areas”</i>. 2. Thombare Supriya, Mugale Pooja, Yadav Pradnya, Dhage Ashwini, Lonare Anuradha, Patilshinde Prathviraj, Patil Vivek (2022), <i>“Watershed Management- A case study of watershed management in Akharwai”</i> 	
<u>MEMBER OF PROFESSIONAL BODIES</u>	<ol style="list-style-type: none"> 1. International Association for Water, Environment, Energy, and Society (IAWEES). Membership ID: 5252 	
<u>COMMITTEE INVOLVEMENT</u>	<ol style="list-style-type: none"> 1. Member of Student Grievance & Redressal Committee. 2. Member of Industry Cell. 3. Member of Department Advisory Committee. 	
<u>PERSONAL INFORMATION</u>	<ol style="list-style-type: none"> 1. Date of Birth : 09th Sept. 1985 2. Gender : Male 3. Marital Status : Married 4. Blood Group : O +ve 5. Nationality : Indian 6. Languages Known : English, Marathi, and Hindi 	
<u>ADDRESS FOR CORRESPONDANCE</u>	Local/Permanent Address	Office Address
	Flat No. 202, Pranavshri Apartment, Parshuram Park, Barshi Road, Latur. Pin. 413512	VDF Group of Institutions, Additional MIDC, Barshi Road, Latur. Pin. 413531
<u>REFERENCES</u>	<ol style="list-style-type: none"> 1. Dr. M.V.Buke, Principal & Professor, VDF School of Engineering & Technology, Latur, Maharashtra, India. <i>Email: mohan.buke@vdf.in</i> 2. Dr. L.G.Patil, Dean & Professor, Dept. of Civil Engineering, SGGS Institute of Engineering And Technology, Nanded, Maharashtra, India. <i>Email: lgpatil@sggs.ac.in</i> 3. Dr. M.L.Waikar, Rtd. Professor, Dept. of Civil Engineering, SGGS Institute of Engineering And Technology, Nanded, Maharashtra, India. <i>Email: mlwaikar@sggs.ac.in</i> 	
<u>DECLARATION</u>	<p>I hereby declare that the information given above is true to the best of my knowledge.</p> <p style="text-align: right;">NITIN U. SONAVANE</p>	