

VILASRAO DESHMUKH FOUNDATION GROUP OF INSTITUTIONS, LATUR

Plot No.165A, Additional MIDC, Near to Manjara Sugar, Barshi Road, Latur, Maharashtra 413531

(Approved by AICTE, New Delhi & recognized by Govt. of Maharashtra and affiliated to DBATU Lonere, Dist. Raigad)

Tel. (02382) 267731/32/33

Email-info.engg@vdf.in

Website: www.vdfengineering.co.in

(DTE Code: 2254)



FACULTY PROFILE

DEPARTMENT OF CIVIL ENGINEERING

	Name:	Nitin U. Sonavane
	Qualification:	B.Tech (Civil & WM Engineering), 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/

<u>SUBJECT TAUGHT</u>	1. Hydraulics- I & II	7. Geotechnical Engineering
	2. Advanced Hydraulics	8. Foundation Engineering
	3. Water Resources Engineering	9. Project Management
	4. Design of Hydraulic Structures	10. Numerical Methods in Civil Engineering
	5. Hydropower Engineering	11. Wastewater Treatment
	6. BCME	12. ERCS

<u>POSITIONS HELD (ACADEMICS)</u>	1. Assistant Professor, Department of Civil Engineering, VDF Group of Institutions, Latur, Maharashtra. (Sept. 03, 2019 to Till Date).
--	--

<u>POSITIONS HELD (ADMINISTRATIVE)</u>	1. Internal Squad Member SRTMUN Winter Exam 2019, VDF Group of Institutions, Latur (AY 2019-20).
	2. SRTMUN Online Mode WINTER (2020) & SUMMER (2021) Exam Coordinator, VDF Group of Institutions, Latur (AY 2020-21).
	3. Training & Placement Cell Coordinator, VDF Group of Institutions, Latur (2021-2023).

<p style="text-align: center;"><u>ROLES AND RESPONSIBILITIES</u></p>	<p>1. Teaching/Research, academic advisor to graduate students.</p>
	<p>2. Take responsibility for academic duties required to sustain the delivery of high-quality teaching.</p>
	<p>3. Develop and apply appropriate teaching techniques and materials, which create interest, understanding, and enthusiasm amongst students.</p>
<p style="text-align: center;"><u>AREA OF RESEARCH INTEREST</u></p>	<p>1. Computational Hydraulics.</p>
	<p>2. Geospatial Hydrological Modeling & Watershed Management.</p>
	<p>3. Urban Drainage Infrastructures.</p>
	<p>4. Applications of Numerical Methods & Soft Computing Techniques.</p>
<p style="text-align: center;"><u>SKILLS SUMMARY</u></p>	<p>1. Hydrological Software's: Arc-GIS, EPA-SWMM.</p>
	<p>2. Hydraulic Software's: HEC-RAS, CFD-OpenFOAM.</p>
	<p>3. Languages: C-Programming and Matlab.</p>
<p style="text-align: center;"><u>RESEARCH PUBLICATIONS</u></p>	<p>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.65-69.</p>
<p style="text-align: center;"><u>STTP & FDP ATTENDED</u></p>	<p>1. “Water Futures of Urban and Rural Landscapes”, GIAN, held at College of Technology, G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, (9th -13th Feb. 2018).</p>
	<p>2. “Analytical Techniques for Applied Research”, AICTE-QIP, held at SGGSI&T, Nanded. (16th – 20th Feb. 2020).</p>
	<p>3. “Practices adopted in Mass Urban Rapid Transport System-Metro Rail”, DTE, held at GCOE, Nagpur. (15th – 20th June 2020).</p>
	<p>4. “Mathematics: A Practical Approach in Science and Technology”, held at DIEMS, Aurangabad. (28th June- 3rd July 2020).</p>
	<p>5. “Applications of Mathematical Sciences”, held at K.D.K. College of Engineering, Nagpur. (13th -18th July 2020).</p>
	<p>6. “Waste Management & its Impact on the Environment”, held at GH Raison College of Engineering, Nagpur. (20th - 25th July 2020).</p>
	<p>7. “Advanced Technologies in Water Resources Management”, (ATWARM-2020) TEQIP-III, held at GCOE Aurangabad (20th – 27th November 2020).</p>

	8. “Recent Trends in Water Engineering” , AICTE-QIP, held at SGGSI&T, Nanded. (25 th – 30 th May 2021).
	9. “Water – A Precious Natural Resource” , held at BIT-Bangalore, Department of Civil Engineering. (22 nd –26 th March 2022).
	10. “Rajyoga Meditation and Universal Human Values (UHV)” held at VDF Group of Institutions, Latur. (18 th – 24 th Nov. 2023).

<u>WORKSHOP/SEMINAR/ CONFERENCE ATTENDED</u>	1. International Conference on “Technological Advances in Climate-Smart Agriculture and Sustainability” (TACSAS 2017) held at SGGSI&T, Nanded (16 th -18 th Jan. 2017).
	2. “NAAC Assessment and Accreditation Process” , held at SRTMU, Nanded (10 th July 2020).
	3. “Intellectual Property Rights: Engineer’s Perspective” , held at DIEMS, Aurangabad (27 th July 2020).
	4. “Teaching Learning Tools” , held at Jaywant COEP, Walwa, Sangli. (28 th July 2020).
	5. “Sustainable Treatment Options for Liquid Waste Management” held at PCCOE, Pune (29 th Aug. 2020).
	6. International conference at IEEE Bangalore, “Humanitarian Technology Conference” , B-HTC virtually during (08 th -10 th Oct. 2020).
	7. “Application of Remote Sensing and GIS” , attended International Workshop held at Bhopal, India. (1 st – 3 rd Dec. 2020).
	8. “Entrepreneurship and Skill Development” attended Workshop held at SGGSI&T, Nanded (22 nd -23 th Feb. 2023).
	9. “Adobe Academic Essential” attended AICTE-ATAL Workshop held at VDF Group of Institutions, Latur (11 th March 2023).
	10. “Hydrological Extremes: Implications of Climate Change” Attended workshop held at PCCOE, Pune (18 th – 19 th December 2023).

<u>UG PROJECTS SUPERVISED</u>	1. Nilangekar Rushikesh, Bhalerao Aniket, Rathod Nayan, Bhandare Ganesh, Ghatake Sandeep, Jadhav Indrajeet (2021), “Development of smart cities in existing urban areas” .
	2. Thombare Supriya, Mugale Pooja, Yadav Pradnya, Dhage Ashwini, Lonare Anuradha, Patil Shinde Prathviraj, Patil Vivek (2022), “Watershed Management- A case study of watershed management in Akharwai”

<u>MEMBER OF PROFESSIONAL BODIES</u>	1. International Association for Water, Environment, Energy, and Society (IAWEES). Membership ID: 5252
	2. Journal of Emerging Technology and Innovative Research (JETIR). Membership ID: 233166

<u>COMMITTEE INVOLVMENT</u>	1. Member of Student Grievance & Redressal Committee (SGRC).
	2. Member of Industry Cell (IC).
	3. Member of Department Advisory Committee.

<u>PERSONAL INFORMATION</u>	1. Date of Birth : 09 th 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. 501, Pranavshri Apartment, Parshuram Park, Barshi Road, Latur. Pin. 413512	VDF Group of Institutions, Additional MIDC, Barshi Road, Latur. Pin. 413531

<u>REFERENCES</u>	1. Dr. M.V.Buke , Principal & Professor, VDF Group of Institutions, 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>	I hereby declare that the information given above is true to the best of my knowledge. NITIN U. SONAVANE
---------------------------	--