

FACULTY PROFILE

Mr. Nilesh Shrikrishna Masne
Assistant Professor
Department of Civil Engineering

5, Omsai Apartment,
Bodhale nagar, Nashik
Mob: 7498484546

Email ID: nilesh.masne@ges-coengg.org



QUALIFICATION

- PhD Civil from Sardar Vallabhbhai National Institute of Technology (An Institute of National Importance), Surat, Gujarat (Pursuing)
- ME Civil (Specialization in Structures) from College of Engineering, Akola, Maharashtra (July 2014)
- BE Civil from Marathwada Institute of Technology, Aurangabad, Maharashtra (July 2010)

TEACHING EXPERIENCE

- Assistant Professor, Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies & Research, Nashik, Maharashtra (April 2016 - Present)
- Lecturer, Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies & Research, Nashik, Maharashtra (July 2013 - April 2016).
- Lecturer, Siddhivinayak Technical Campus, SERT, Khamgaon, Maharashtra (June 2012 - April 2013).

RESEARCH PUBLICATIONS

1. Masne, N., Suryawanshi, S., (2023) Effect of replacement ratio on the torsional behaviour of recycled aggregate concrete beams. *International Journal of Engineering, Transactions A: Basics*, 36 (04): 659-668. <https://doi.org/10.5829/ije.2023.36.04a.06>
2. Masne, N., Suryawanshi, S., (2022) Analytical and Experimental Investigation of Recycled Aggregate Concrete Beams Subjected to Pure Torsion. *International Journal*

of Engineering, Transactions A: Basics, 35 (10): 1123-1132.
<https://doi.org/10.5829/ije.2022.35.10a.14>

3. Masne, N., Suryawanshi, S., (2023) Effect of waste water curing and elevated temperature on recycled concrete aggregates from construction and demolition waste. *Iranian (Iranica) Journal of Energy & Environment – Peer review Journal* 4(2): 152-158. <https://doi.org/10.5829/IJEE.2023.14.02.07>
4. Gohel, D.R., Jayaswal, S.P., Masne, N.S., (2016) Stabilization of Black cotton soil by using Fly ash and Lime. *International Journal of Modern Trends in Engineering and Research (IJMTER)*, Vol.03, Issue 04, ISSN (Online):2349–9745; ISSN (Print):2393-8161.
5. Masne, N. S., Watile, R.K., (2014) In-plane and Out-of-Plane Behavior of Confined Masonry Wall with Opening" *International Journal of Innovative Research & Development*, ISSN 2278 – 0211, Vol.3, Issue 3, 2014.
6. Masne, N., Suryawanshi, S., (2023) Evaluation of Ductility Ratio of Recycled Aggregate Concrete Beams under Torsion. In Press *Springer Book Volume* indexed by SCOPUS
7. Masne, N., Suryawanshi, S., (2022) An Investigation of the Mechanical Properties of Recycled Aggregate Concrete with Silica Fume. *Sustainable Building Materials and Construction*, Lecture Notes in Civil Engineering, Springer, 222: 379-387. https://doi.org/10.1007/978-981-16-8496-8_47
8. Masne N., Effect of Silica Fume on Mechanical Properties of Recycled Aggregate Concrete, *International Journal of Interdisciplinary Innovative Research and Development (IJIIRD)*, ISSN: 2456-236X, Vol.05 Special Issue 01/2020, 9-13, 2020.

ADMINISTRATIVE WORK

Sr. No.	Post	Description
1.	Criteria Coordinator	<ul style="list-style-type: none"> • NBA 5, 6 and 7
2.	Coordinator	<ul style="list-style-type: none"> • NAAC Departmental coordinator
3.	Coordinator	<ul style="list-style-type: none"> • Parent-Teacher meet, Alumni Meet and Convocation Ceremony at department and institute level
4.	Committee Head	<ul style="list-style-type: none"> • Handling departmental committees like Discipline and Mentor-Mentee
5.	Coordinator	<ul style="list-style-type: none"> • Prepared a process document for activities like Slow and Advanced learner

UNIVERSITY RESPONSIBILITIES

Sr. No.	Post	Duties
1.	Examiners (External and Internal)	<ul style="list-style-type: none">• Geotechnical Engineering• Foundation Engineering• Engineering Geology• Geo-synthetic Engineering
2.	Senior Supervisor (External)	<ul style="list-style-type: none">• External Senior Supervisor at NSPM, Late Bindu R Deshmukh Arts, Commerce and Science Mahila Mahavidyalaya, Nashik. 21/02/23-28/02/23.

FDP/WORKSHOP/WEBINAR/SEMINAR ATTENDED

NPTEL-AICTE Certificate Courses (02):

1. "Reinforced Concrete Road Bridge" 4-week course with Elite Certificate during Sep-Oct.2020.
2. "Geotechnical Engineering Laboratory" 4 week (1/2 FDP) with Elite Silver Certificate during Jul-Aug 2019.

STTP Attended (03):

1. Five-Days STTP on "Advances Research Topics in Geotechnical and Structural Engineering (ART GS-2020)" at Civil Engineering Department SVNIT, Surat on 28/11/20-02/12/2020.
2. Five-Day STTP on ""Exploring Research Topics and Techniques of Technical Writings-2019" at Applied Mechanics Department, SVNIT-Surat during 25/12/19 to 29/12/19.
3. Two-Week STTP on 'Sustainable Technology and Their Applications' at C.O.E.T. Akola.

FDP Attended (05):

1. One Week Faculty Development Program on "Urban Flood Risk Mitigation and Management", Department of Civil Engineering, R. H. Sapat College of Engineering, Management Studies and Research Nashik and WATER INSTITUTE, University Visvesvaraya College of Engineering (UVCE) Bangalore University, Bengaluru, from 14th – 18th November 2022.
2. Five Day Faculty Development Program on "Introduction of Accreditation Mechanism & NBA Approach" Padm. Dr. V. B. Kolte College of Engineering, Malkapur. 11th -15th May 2020.
3. Five-day Faculty Development Program on "Current Trends in Industry" Dr. D. Y. Patil Institute of Engineering, management and Research, Akurdi, Pune. 2nd -8th May 2020.

4. One Week Faculty Development Program “NAAC Awareness Programme for Faculty” Marathwada Mitramandal's INSTITUTE OF TECHNOLOGY (MMIT), Lohgaon, Pune 411047. 8th -14th May 2020.
5. Five days Online Faculty Development Programme on “Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario” organized by the Department of Civil Engineering in association with Paradigm Environmental Strategies (P) Ltd, Bengaluru. 14th-18th July 2020.

Workshop Attended (07):

1. One Day Virtual Session Program on “Latest Trends in Green Building” organized by JUIT Student Chapter IGBC on September 14, 2022.
2. “Online Workshop on Research Development and Innovation Ethics” organized by Department of Civil Engineering of MVPS’s K.B.T. College of Engineering, Nashik in association with SPPU. 17th May 2021 to 19th May 2021.
3. Three Days Workshop on “Online Content Delivery for B. E. Civil (2015 Pat.)” in the subject TQM and MIS Advanced Geotechnical Engineering, organized by AISSMS College of Engineering, Pune. 14th -16th July 2020.
4. Two-Day state level workshop on, ‘Recent Advances in Structural Auditing System’ sponsored by Savitribai Phule Pune University at SITRC Nashik. 11th & 12th Feb.2020.
5. Two-Day state level workshop on, ‘Advance Concrete Mix Design & Practical Implementation’ sponsored by Savitribai Phule Pune University at JIT Nashik.18th & 19th Jan.18.
6. Two-Day National level workshop on, ‘Utilization of Waste Material in Construction for Sustainable Development’ sponsored by Savitribai Phule Pune University at KBTCE Nashik. 9th & 10th Feb.18.
7. Two-Week ISTE workshop on ‘Engineering Mechanics’, Conducted by IIT Bombay at NDMVP, KBT COE, Nashik. 26th Nov.-06th Dec.2013.

ACHIEVEMENTS

Paper Presented at International Conference:

1. “Evaluation of Ductility Ratio of Recycled Aggregate Concrete Beams under Torsion” 13th Structural Engineering Convention SEC-23 at VNIT, Nagpur, 7th to 9th Dec. 2023.
2. “An Investigation of the Mechanical Properties of Recycled Aggregate Concrete with Silica Fume” Virtual International Conference on “Sustainable Building Materials and Construction (ICSBMC – 2021)” is being organized by Structural Engineering Section of Civil Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, India in association with Indian Concrete Institute (ICI) Surat Center. 4th -6th Feb.2021.
3. “Effect of Silica Fume on Mechanical Properties of Recycled Aggregate Concrete”, 4th International Conference (Online) on “Recent Trends Research in Engineering & Science (ICRTRES-20) on 2nd-3rd May 2020.

Consultancy Work:

- Provided a Geotechnical Consultancy for HPCL in Mumbai and MIDC Malegaon, Nashik.
- Provided consultancy for concrete mix design to contractor.
- Provided ad-on training to students during academic year (Revit Software).

Computer Proficiency:

1. Auto desk Certificate of Completion Revit Structure.
2. Certificate of Completion Auto CAD 2D, 3D.
3. ETABS Software.
4. MS-Office.
5. Revit MEPF.

Mr. Nilesh S. Masne