

FACULTY PROFILE

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QUALIFICATION

- Ph.D. Civil from K. K. Wagh Institute of Engineering Education and Research, Nashik, Maharashtra (Pursuing)
- M.E Civil (Specialization in Structures) from K. K. Wagh Institute of Engineering Education and Research, Nashik, Maharashtra (November 2012)
- B.E Civil from SSVPS's College of Engineering, Deopur, Dhule, Maharashtra (June 1998)

TEACHING EXPERIENCE

- Assistant Professor, Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies & Research, Nashik, Maharashtra (January 2013 - Present)
- Full-time lecture at Matoshri College of Engineering, Nashik. (2009 to 2012)
- Part-time lecturer hourly at K.K. Wagh Polytechnic, Nashik (2008 to 2009)

INDUSTRY EXPERIENCE

1. **Nashik Municipal Corporation (NMC):** Employed as a licensed civil Engineer/Structural Engineer, responsible for municipal drawings, building plans submission, and involvement in planning, sanctioning, estimation, and structural designing processes. (2008 - Till Date)
2. **Dhananjay Engineering Classes, Nashik:** Operated as the proprietor, providing private tuitions to engineering/diploma students in subjects like Engineering Graphics, Engineering Mechanics, Strength of Materials, and more. Also, trained students in Computer-Aided Design. (2006-2012)
3. **Abhinav College of Engg. Nashik:** Served as a part-time Lecturer (2008-2009).

4. **Reliance Engineering Associates Pvt. Ltd. New Mumbai:** Contributed as a Civil Engineer to various infrastructure projects in New Mumbai and Nashik regions, overseeing the completion of multiple projects, including RTS and GTS towers (2002-2006).
5. **Ranjit Construction Co. Mumbai:** Worked as a Project Engineer, leading the infrastructure development for Reliance Telecommunications in New Mumbai, including installing the OFC network in the Mahape Industrial area (2000-2002).
6. **Aditya Associates, Nashik:** Served as a Project Engineer, playing a crucial role in the HPCL Panewadi Terminal project for the HPCL Mumbai-Manmad Pipeline (1999-2000).

RESEARCH PUBLICATIONS

- Review of studies on the effects of various wind load parameters on tall buildings with irregular and diversified geometries, Journal of Harbin Engineering University, Vol. 44 No. 10 (2023): Issue 10, pp- 966-982
- Investigation of the Flexural Strength of Concrete Subjected to Elevated Temperature and Its Retrofitting Using Carbon Fibers. International Conference on Advances in Concrete, Structural & Geotechnical Engineering
- Parametric Study of Buildings with and without Shear Walls for Seismic Performance, International Research Journal of Engineering and Technology (IRJET), ISSN (2016): 2395-0056.
- Dynamic Behavior of Windmill Foundation Systems
- Steel Structure for “Dhaba, International Conference on Sunrise Technology.

BOOKS

- Theory of Structure-I, Aaditya Publication, Amaravati, ISBN: 978-93-87549-67-8 (2018)

RARE ACHIEVEMENTS

- Qualified for the “GATE Graduate Aptitude Test in Engineering 2016” with a valid score
- Qualified for the “MPSC Maharashtra Civil Engineering Services – 2009” Main written exam.
- Passed the Assistant Engineer MIDC Exam-2005

LICENCES

- Planning Engineer, Nashik Municipal Corporation, Nashik
- Structural Engineer, Nashik Municipal Corporation, Nashik

MEMBERSHIP

- Life Time Member of the Practising Valuers Association, PVAI (INDIA)
- Structural Consultant, Nashik Municipal Corporation, Nashik
- Life Time Member of ACCE (INDIA), Bangalore
- Chartered Engineer, Indian Institute of Engineers, Calcutta
- Associate Member, Indian Institute of Engineers, Calcutta

SITE VISITED

- Koyna Dam 4th stage Tunnel, Surge tank work, and hydroelectric power station, Kolhapur: Site visited for the dam and Hydraulics structure.
- Bandra-Worli Sea-link, Mumbai suspension bridge construction: Site visited for the advanced structural design.
- Central Railway Engineering Workshop Manmad (M.S): The site visited to see the construction of welded plate girder span bridge and how the many other non-standard steel girders for rail and road bridges are fabricated by the workshop.
- Ghatghar Roller Compacted Dam and Hydroelectric Power Plant: Site visited for the dam and Hydraulics structure and to see the Francis turbine work.
- Mukane Earth Fills Dam and Water pumping station Nashik (M.S.) India: Site visited for Water supply engineering.
- Nashik Airport Ozar-Nashik, Maharashtra, India: Site visited for the Special Building Planning and Design.

SEMINARS AND WORKSHOPS CONDUCTED:

1. Workshop on "Non-Destructive Testing: Its Uses and Building Audit" at GES Polytechnic, Nashik Road (Civil Department) held on 26th March 2022.
2. Seminar on "Opportunities in Civil Engineering" at Chatre New English School, Manmad.
3. Seminar on "Opportunities in Civil Engineering" at MRM Central Railway English Medium School, Manmad.
4. Expert speaker for "Hydraulics Mechanics of Structure" at GES Polytechnic, Bordi, Palghar (M.S) (Civil Department) on 1st October 2019.
5. Seminar on "Scope in Civil Engineering and Future Development in Nashik" at HAL Junior College, Ozar, Nashik (M.S).
6. Counselling session on "CET CAP Round" conducted at Loknete Vyankatrao Hiray Mahavidyalaya, Panchvati, Nashik (M.S).

WORKSHOP/CONFERENCES/SEMINAR ATTENDED

1. ETI NSS Training Program - 7 Days Workshop (18/07/2022 - 24/07/2022) by Govt. of India Ministry of Youth Affairs & Sport
2. Syllabus Drafting of BE CIVIL 2019 Pattern, organized by - Two Days Online Workshop (30/06/2022 - 1/07/2022) by AISSMS COE, Pune & SPPU BOS Civil
3. Advancements in Computational Fluid Dynamics using FLUIDYN - One week FDP (7/06/2021 - 11/06/2021) by AICTE & Alliance University
4. Study Webs of Active-Learning for Young Aspiring Minds course on Research Ethics - 15 weeks Workshop (01/01/2022 - 30/04/2022) by Central University of Himachal Pradesh
5. High Wind Effects on Structures - Seminar (27/10/2021) by BIS" & IIT (BHU), Varanasi
6. Latest Trends in Infrastructure Development (4 papers) - Conference (12/11/2021 - 13/11/2021) by RH Sapat COEM&R Nashik
7. Advanced CFD For Industrial Applications - Two Week Online Workshop (15/12/2020 - 25/12/2020) by Rajarambapu Inst. of Tech., Rajaramnagar
8. Comparative Study of Design Software Tool - Structural Eng. Session 11 (15/05/2021) by ACCE, India
9. Consultancy in Civil Engineering: Opportunities and Challenges - One Week Online FDP (10/05/2021 - 14/05/2021) by ACCE, India
10. Advancements in Computational Fluid Dynamics using Fluidyn - Five days FDP (07/06/2021 - 11/06/2021) by ATAL (AICTE Sponsored)
11. National Convention and Exhibition - Conference (27/07/2018 - 28/07/2018) by ACCE India
12. Research Methodology - Workshop (12/03/2020 - 13/03/2020) by SPPU
13. Teachers Training - Training Program (29/06/2019 - 30/06/2019) by Gokhale Education Society, Nashik
14. Latest Trends in Civil & Structural Engineering - Online Training (24/04/2020) by Innovatia Consulting Engineers India Pvt. Ltd
15. Online Syllabus Orientation Workshop - Workshop (22/06/2020 - 26/06/2020) by SPPU
16. Recent Advances in Structural Auditing System - Workshop (11/02/2020 - 12/02/2020) by SPPU
17. TRIZ for Understanding Scientific Management - Workshop (07/03/2020) by TRIZ association India
18. 2nd International Conference on ACSGE - Conference (26/02/2018 - 27/02/2018) by Dept. of Civil Engg. BITS Pilani
19. Analysis and Design of Modern Steel Structures - Workshop (24/03/2017 - 25/03/2017) by SIEM Nashik
20. Smart Living In Building - Workshop (14/09/2017 - 16/09/2017) by The Big 5 Construction India

21. Understanding IS 13920 and IS 1893 Part 1 (Revised) - Workshop (09/09/2017) by ACCE India
22. Revision of TE Civil Engineering Syllabus - Workshop (18/11/2016) by SPPU
23. Technical Writing with Latex - Workshop (25/09/2016 - 26/09/2016) by IET (IK)
24. Emerging New Dimension of Higher Education in India - Seminar (20/02/2015 - 21/02/2015) by Dr. M.S.G Foundation, Mumbai

CONSULTANCY WORK

1. Steel Testing GES Teaching Hospital @ Nashik, 2022, Gokhale Education Society, Nashik
2. Landscaping work GES College of Engg, @ Nashik, 2022, Gokhale Education Society, Nashik
3. Structural Audit BYK College of Commerce @ Nashik, 2022, Gokhale Education Society, Nashik
4. Geo-technical investigation HPCL LPG Plant @ Malegaon MIDC, Sinnar, 2022, Sadanand Buildcon & Consultant, Nashik
5. Technical Audit GES Teaching Hospital @ Nashik, 2022, Gokhale Education Society, Nashik
6. Paver Block Testing HPCL Petrol Pump @ Mahiravani, Nashik, 2022, M/s Aditya Associates, Nashik
7. Testing of Material @ Khadak Malegaon MIDC, 2021, M.R Mahajan, Nashik
8. Geo-technical investigation HPCL LPG Plant @ Malegaon MIDC, Sinnar, 2021, Sadanand Buildcon & Consultant, Nashik
9. Paver Block Testing HPCL Pump @ Vapi, Gujarat, 2021, M/s Aditya Associates, Nashik
10. Road and Bridge @ Trambakeshwar, 2021, L.T Buildcon, Nashik
11. Structural Audit H.P.T Arts & R.Y.K Science College @ Nashik, 2020, Gokhale Education Society, Nashik
12. Non-Destructive Testing (NDT) @ HPCL Petrol Pump, Thane, 2019, Sadanand Buildcon & Consultant, Nashik
13. Soil Investigation of HPCL Retail outlet @ Thane, 2016, M/s Aditya Associates, Nashik

SOCIAL AND PROFESSIONAL ACTIVITIES

- **Senior Examiner (2018-2019):** Appointed by Savitribai Phule Pune University as a Senior Examiner for conducting examinations at MVP's S.V.K.T. College (Bhatia College), Deolali Camp, Nashik.
- **CESA Co-Coordinator (2016–Till Date):** Served as the head of the Civil Engineering Student Association organization, providing a platform for students to showcase their talents through various technical, cultural, and social programs, contributing to overall personality development.

- **Aparn Blood Bank Award** (2016-2017): Received the first prize as an NSS Program Officer for achieving the highest blood collection in the Nashik region, felicitated by Nashik-based Aparn Blood Bank.
- **N.S.S Program Officer** (2014-2017): Played a crucial role as an organizer, educator, motivator, coordinator, supervisor, administrator, and public relations officer to enhance NSS programs at the institution. Implemented various social and cultural initiatives to connect students with the village's social life.



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