

RESUME

PERSONAL DETAIL

Name: Sandeep P. Tembhurkar

Fathers Name: Prabhudas N. Tembhurkar

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Date of Birth: 04 May 1983



OBJECTIVE

To be in a position that seeks an ambitious and career conscious person where acquired skill and education will be untillted towards continuous growth and advancement.

EDUCATION

Sr. No	Education	University and college	Percentage	Grade	Year of passing
1.	Doctor of Philosophy (Construction Technology and Management)	Visvesvaraya National Institute of Technology (VNIT)	80% 8.00 (CGPA)	I	April 2024
2.	Master of Technology in Structural Engineering	Rashtrasant Tukadoji Maharaj University (K.D.K. College of Engineering)	70.50%	I	Sum 2014
3	Bachelor of Civil Engineering	Rashtrasant Tukadoji Maharaj University (K.D.K. College of Engineering)	61.93 %	I	Win- 2009
4.	Diploma in Civil Engineering	Government Polytechnic, Nagpur (Autonomous)	64.67%	I	May 2006

TEACHING EXPERIENCE:

Sr. No	Institution/college	Post	Work Experience	Month and year
1.	SSVPS, Bapusaheb Shivajirao Deore College of Engineering, Dhule	Associate Professor	2 months	3 Oct 2024- Till date
2.	K.D.K. College of Engineering, Nandanwan, Nagpur	Assistant Professor (UGC) in Jan 2017	5 years 6 months	24 July 2012 – 30 Dec 2017 (UGC-Jan 2017-Dec 2017)
3.	Shri.Balaji Institute of Technology and Management, Betul, M.P	Assistant Professor	6 months	Dec 2011 -June 2012
4.	Chhatrapati Shivaji Institute of Technology Polytechnic, Deori.	Lecturer	6 months	July 2011 - Dec-2011

OTHER EXPERIENCE:

Sr. No	Company/ Association	Post	Work	Work experience	Month and Date
1.	Bhiogade and Associates Architect, Nagpur.	Site Engineer and Draftsman.	Planning, Estimating, Site inspection	5 months	May2010 - Sep 2010
2.	Khare and Tarkunde Pvt. Ltd. Nagpur	site engineer	construction of Aqueduct	11 months	June 2009 –Apr 20

RESEARCH PROJECT

- Nano Processing of Industrial Rejects for Use as Additives in Mix-designs for Improved Pozzolanic Reaction Efficiency- work as research scholar on research project, sponsored by Ministry of mines- February 2018- January 2020.
- Development of Low Cost, Portable and Sustainable Toilet for Urban Poor, sponsored by Maharashtra Pollution Control Board, Mumbai- Work as research scholar on project. March 2018-November 2018.

ACADEMIC PROJECT

- PhD research topic – “Development of novel supplementary cementitious material using mechanically processed industrial rejects”.
- Master’s project “Critical analysis of frame structure for Bending moment, Shear force, Torsion and Displacement in building by using wind force”.
- A major project on “Analysis of high-rise building (G+5) by using wind force.”
- A mini project on “Cement concrete road using high volume fly ash.”
- Summer training at “Construction of 550 quarters for Nagpur police.”

PROFESSIONAL DEVELOPMENT:

Publications

- SCI/SCIE journal- 04, Other -1, 2) Conference: 6 International and 2 National

Journals Publications

- Sandeep Tembhurkar and Volsson Verghese, Review of Critical analysis of frame building structure by wind force, International Organization of scientific Research (IOSR) journals of Mechanical and Civil Engineering, May-June 2014 Vol.11, Issue3.
- Sandeep Tembhurkar, Priyanka Nayar, Naumanuddin Azad, Rahul Ralegaonkar, and Mangesh Madurwar, Nano-processing of Industrial Rejects for Controlling Operational Energy of Buildings, 21 June 2022- Advances in Civil Engineering, Hindawi, Volume 2022 | Article ID 2969266 |SCI Indexed.
- Sandeep Tembhurkar, Rahul Ralegaonkar, Afonso Azevedo, and Mangesh Madurwar, Low cost geopolymer modular toilet unit for ODF India–A case study, Case Studies in Construction Materials February 2022,,|Vol 16| SCI Indexed.
- Sandeep Tembhurkar, Mangesh Madurwar, S.P. Raut, Jayant Giri, Mohammed Rafi Shaik, Investigating the performance and durability of high mechanical milling nano pulverised refused SCMs, Case Studies in Construction Materials Volume 21, December 2024,| SCI Indexed.

Conference:

- Sandeep Tembhurkar, Sandeep Tembhurkar, Akshay Raut, and Mangesh Madurwar, Pozzolanic Rendering of lime sludge and sand stone reject blends. International conference in Advances in Civil Engineering (ACE -2020),5th -7th Nov, 2020, Springer
- Sandeep Tembhurkar, Vasudha Katare, Mangesh Madurwar, Improving the quality of masonry product by Incorporating Industrial wastes, Second ASCE India Conference on Challenge of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE 2020), Kolkata, India, 2nd - 4th March, 2020, ASCE.
- Sandeep Tembhurkar, Rahul Ralegaonkar, Vasant Maisalkar, and Mangesh Madurwar, A Low-cost and Mobile Community Toilet Block Design for Better Rural India, Conference on Next Frontiers in Civil Engineering Sustainable and Resilient Infrastructure,30th Nov to 1st Dec, 2018, IIT Bombay, India
- Sandeep Tembhurkar, and Volsson Verghese, Modeling behavior of multi-Storey RCC building subjected to lateral loads using Neural network, International conference on Emerging Technology in structural engineering, 17th -18th March 2017.
- Sandeep Tembhurkar, and Volsson Verghese, Retrofitting Method- Jacketing. International conference on Retrofitting of concrete structure,23rd -24th March 2014

- Sandeep Tembhurkar, and Volsson Verghese. Jacketing Methods, All India Seminar on Retro-fitting of concrete structure.24th &25thJan 2014
- Sandeep Tembhurkar, and Volsson Verghese. Study of jacketing – Retrofitting Method, National conference-2014 on Active trends in Engineering and Technology,5th - 6th Oct 2012

Member of Professional Bodies and Awards

- Association of Consulting Civil Engineering (India)- Life time membership No. 6138 L
- Indian Concrete of Institute (Nagpur Centre)-14293L

EXTRA CURRICULAR ACTIVITIES

- Diploma in Interior Designing and CADD
- Diploma in MS- office.
- AutoCAD
- STAAD pro.
- BIM-Revit Architecture.
- GaBi.

INTEREST

- Painting
- Travelling at hill stations
- Listening to music,
- Drawing & Planning of building and Structural designing.

REFERENCES

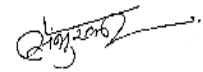
1. **Dr. Mangesh Madurwar, Supervisor (PhD),**
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DECLARATION

I, hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

Date :

Place: Nagpur



(Sandeep P. Tembhurkar)