

Curriculum Vitae

Name: YOGESH DILEEP SHERMALE

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Date of Birth: 05-06-1992



Academic Credentials

Degree	Specialization	Institution	University	Year	% Or CGPA	Class
Ph. D.	Civil Engineering		Dr. Babasaheb Ambedkar Technological University, Lonere	Pursuing		
M.E.	Structural Engineering	Government College of Engineering, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2016	7.1	I
B.E.	Civil Engineering	Government College of Engineering, Jalgaon	North Maharashtra University, Jalgaon	2014	69.4	I

M. Tech. Project: Papercrete: A Green Building Construction Material

Key Research Areas: Light weight Concrete, Self-Compacting Concrete, Non-Destructive Testing, Pavement Materials.

Experience

Sr. No.	Organization	Post	From	To	Years	Months
1	Satpute Architects & Engineers, Shevgaon	Site Engineer	01-09-2016	30-09-2017	01	00
2	GSM's, MIT, Chhatrapati Sambhajanagar	Assistant Professor	05-10-2017	Till date	07	05

Additional Assignments/Duties

- Involved in consultancy of Non-Destructive Testing of Concrete.
- Working as Departmental AQAR Coordinator.
- Working as Departmental Project Coordinator.
- Working as Departmental Internship Coordinator.
- Working as Departmental NPTEL Coordinator.
- Working as Departmental Term-work Coordinator (BAMU).
- Working as Departmental Website Coordinator.
- Working as Departmental e-Magazine Coordinator.
- Worked as an organizing committee member for Webinar, Workshop, STTP's.

Membership of Professional Bodies

- Lifetime member of Indian Geotechnical Society (LM-4646).

Computer/Software Proficiency

- MS Office
- Auto CAD
- STAAD.Pro

Seminar/Workshop/Industrial Training/STTP/FDP/CEP/Conference Attended

- Attended two Days **International Conference** on “International Conference on Advances in Civil Infrastructure and Development of Smart Cities (ICACIDS-2K16)” held on 27st & 28nd February 2016 arranged by Rajarambapu Institute of Technology, Rajaramnagar, Islampur.
- Participated in two days **National Conference** on "National Level Conference on Technical revolution (NCTR-2016)" held on 12th and 13th February 2016 jointly organized by Savitribai Phule University and Anantrao Pawar College of Engineering and Research, Parvati, Pune-09.
- Participated Two Days **Workshop** on “Advance Concrete Mix Design” at Ambuja Knowledge Centre, Aurangabad from 19th to 20th September 2014.
- Participated in Two Days **Workshop** on “Arch, Vault & Dome in Masonary Construction" held on 15th & 16th March 2016 Organized by Nandadeep Designers and Valuers at A.bad.
- Participated in Five Days **Faculty Training Programme** on “Advanced Surveying Instruments and Techniques” held on 27th February to 3rd March 2017 Organized by K.J. Somaiya Polytechnic, Mumbai and Sponsored by MSBTE.
- Participated in One-Week **Faculty Development Program** on “Tunneling & Underground Excavations” during 27 – 31 May, 2019.
- Participated Two Days **Workshop** on “RECENT TRENDS IN CIVIL ENGINEERING CONSTRUCTIONS” organized by JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune held on 30-31 May, 2020.

- Completed Five days online **workshop of Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education”** All India Council for Technical Education (AICTE) during 26 – 30 Oct, 2020.
- Attended five days Online **Short-Term Training Program** on “Innovation and Upgradation in Infrastructural Technology” organized by TEC in Association with ASTR, Krishna Conchem Products, Rachana Enterprises and Student Chapter ICACI & IEL during 27th may to 2nd June 2020.
- Attended **Short Term Training Program** on “Patenting for Innovations” organized by Sanjivani College of Engineering, Kopargaon during 25th – 29th May 2020.
- Completed Five days **Faculty Development Program** on “Research Methodology: Tools and Techniques” organized by IILM College of Engineering & Technology from 18th – 22nd May, 2020.
- Completed Five days **Faculty Development Program** on “Outcome Based Education and Accreditation” organized by IILM College of Engineering & Technology from 25th – 29th May, 2020.
- Completed Five days **Faculty Development Program** on “ICT Based Teaching and Learning Process” organized by Roorkee college of polytechnic from 1st - 5th July, 2020.
- Completed Five days **Faculty Development Program** on "Advance Research Methodology and Innovative Teaching Pedagogy" organized by Tulsiramji Gaikwad- Patil College of Engineering and Technology, Nagpur from 8th – 13th June, 2020.
- Completed Five days **Faculty Development Program** on “Blended Learning and Flipped Classroom” organized by SVNIT under AICTE Training And Learning (ATAL) Academy from 10th – 14th August, 2020.
- Completed Five days **Faculty Development Program** on “Strategic Civil Infrastructure” organized by VNIT under AICTE Training And Learning (ATAL) Academy from 23rd – 27th November, 2020.
- Completed Five days **Faculty Development Program** on “Construction Technology” organized by IIT Jammu under AICTE Training And Learning (ATAL) Academy from 1st -5th February, 2021.
- Completed Five days **Faculty Development Program** on “Research Methodology and Scientific Writing for Engineering and Management” organized by ABV-Indian Institute of Information Technology and Management under AICTE Training and Learning (ATAL) Academy from 16th – 20th February, 2021.
- Completed Five days face to face UHV II FDP **organized by** All India Council for Technical Education (AICTE) at Maharashtra Institute of Technology, Aurangabad during 6 – 10 Feb., 2023.

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized

- Organised Two days Workshop on ‘**Research Methodology and Data Analysis Techniques**’ held on 29th -30th March 2019 jointly organized by Civil Engineering Department of Marathwada Institute of Technology, Aurangabad in Association with Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

- Organised Three days Workshop on ‘**Advances in Geotechnical Engineering and Reliability of Structures**’ (**AGERS-19**) held on 3rd -5th October 2019 jointly organized by IGS Aurangabad Chapter and Civil Engineering Department of Marathwada Institute of Technology, Aurangabad.
- Organised One Week Short Term Training Programme on ‘**Advances in Geotechnical Engineering and Reliability of Structures**’ (**AGERS-21**) held on 23rd -27th August 2021 jointly organized by IGS Aurangabad Chapter and Civil Engineering Department of Marathwada Institute of Technology, Aurangabad.
- Organised One Week Short Term Training Programme on ‘**Advances in Geotechnical Earthquake Engineering**’ (**AGEE-21**) held on 25th-29th October 2021 jointly organized by IGS Aurangabad Chapter and Civil Engineering Department of Marathwada Institute of Technology, Aurangabad.
- Organised One week Short Term Training Programme on ‘**Importance of Soil Investigation and Non-Destructive Techniques**’ held on 8th March – 12th March 2022 jointly organized by IGS Aurangabad Chapter in association with department of Civil Engineering, MIT Aurangabad & Dr. Babasaheb Ambedkar Technological University, Lonere.
- Organised One week Short Term Training Programme on ‘**ABAQUS for Beginners (Introduction with Hands-on)**’ held on 28th March – 1st April 2022 jointly organized by IGS Aurangabad Chapter in association with department of Civil & Mechanical Engineering, MIT Aurangabad & Dr. Babasaheb Ambedkar Technological University, Lonere.
- Organised One week Short Term Training Programme on ‘**Advances in Deep Foundation**’ held on 7th – 11th June 2022 jointly organized by IGS Aurangabad Chapter in association with department of Civil Engineering, MIT Aurangabad & Dr. Babasaheb Ambedkar Technological University, Lonere.
- Organized Two days **Ninth Indian Young Geotechnical Engineers Conference** held during 21st to 22nd March 2023 at MIT Aurangabad.
- Organized **Indian Geotechnical Conference 2024** held during 19th to 21st December 2024 at MIT Chhatrapati Sambhajnagar (Aurangabad).

Invited talks delivered

- Delivered expert lecture & hands on training of “Non-Destructive Testing of Concrete” at Maharashtra Institute of Technology, Aurangabad on 25th June 2022.
- Delivered expert lecture & hands on training of “Non-Destructive Testing of Concrete” at Marathwada Institute of Technology Polytechnic, Aurangabad on 28th October 2023.

Intellectual Property Rights

Sr. No.	Design Registration Number	Detailed Work	Publication Date
1	284811 (25-01)	Paper-Cement Composite Tile	29-03-2017
2	284810 (25-02)	Paper-Cement Composite Tile	29-03-2017

List of papers published in Journals

- Y. D. Shermale & M. B. Varma, 2015, “Papercrete: An Efficient use of Waste Paper (Review)”, **Recent Trends in Civil Engineering and Technology**, Volume 5, Issue 3, ISSN: 2321-6476, pp 54-59.
- Y. D. Shermale & M. B. Varma, 2015, “Effective use of paper sludge (Hyposludge) in concrete (Review)”, **International Journal for Scientific Research & Development**, Volume 3, Issue 8, ISSN 2321-0613, pp 287-290
- Y. D. Shermale & M. B. Varma, 2016, “Properties of Papercrete Concrete: Building Material”, **IOSR Journal of Mechanical and Civil Engineering**, Volume 14, Issue 2 Ver. VII, e-ISSN: 2278-1684, p-ISSN: 2320-334X, PP 27-32.
- H. A. Admane, Y.D.Shermale & R. S. Jaiswal, 2017, “Application of Tuned Mass Damper for Vibration Control of Multistoried Building under Seismic Excitation” **GRD Journals- Global Research and Development Journal for Engineering**, Volume 2, Issue 6, May 2017 ISSN: 2455-5703, PP 5-13.
- Ajay Ratnaparkhi & Yogesh Shermale, 2019, “Flooding of Urban Drainage Systems: Risk Analysis Study”, **Journal of Water Resource Engineering and Management**, ISSN: 2349-4336 Volume 6, Issue 3, PP 1–5.

Conference Paper Published

- Y.D. Shermale & Dr. M.S. Dixit, 2023, “Construction of Foundation Design in Expansive Soils: A Review”, **Lecture Notes in Civil Engineering, Springer Nature Singapore**, Proceeding of 9IYGEC 2023, Volume 2, ISSN 2366-2557, Volume 606, PP 81-92.

Other Achievements

- Appointed as a **Translator** for a Book on “Construction Materials and their Testing (3rd semester Diploma)” under AICTE Technical Book Translation in Marathi Language.
- Working as an **Editor** for the Proceedings of the Indian Geotechnical Conference (IGC 2024) titled Lecture Notes in Civil Engineering for Volume no. 2, 4, 6, 8 & 10 (<https://link.springer.com/>).

Date: 17th April 2025

Place: Chhatrapati Sambhajinagar



Yogesh D. Shermale