

## Profile



1. **Full Name of Candidate:** Om Vitthal Vaidya

Address:

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2. **Designation and Experience:** Assistant professor, 14 years

3. **Educational Qualifications:**

Degree/ Exam.	Board/University	Year	Class/Div.	Specialization
PhD	RKDF-IST SRK University	Pursuing		Civil Engg.
M-Tech (Structural Engg.)	Rashtrasant Tukdoji Maharaj Nagpur University	2012	First Class	Structural Engg.
B.E. (Civil Engg.)	Amaravati University.	2009	First Class	Civil Engg.
HSC	Maharashtra State Board	2005	Second Class	Science
SSC	Maharashtra State Board	2003	First Class	General

4. **Career Journey**

a) Membership of Professional Bodies

- Indian Society for Technical Education, (ISTE). (Membership No. : LM 111423)

b) Administrative and Academic Duties Performed

i) Administrative:

- Member Autonomy from AY 2023-24
- Member of R&D Cell (From AY 2023-24)
- Member of T&P Cell From A.Y. 2022-23
- Annual Social Gathering Price Distribution Co-ordinator (A.Y. 2022-23)
- Reviewer of ICACE Conference 2022

ii) Academic

- Examiner and Moderator, CAP Assessment for AMOS, CT, SA, ACT, DRCS of SE, TE and BE Civil in SPPU, Pune
- Industry Internship Co-ordinator
- III Cell Department Coordinator (From A.Y. 2023-24)
- MoU Co-ordinator
- CT LAB In-charge
- Class Coordinator (A.Y. 2020-21, 2021-22)

iii) **Undergraduate Projects Guided: 10**

5. Courses / Subject Involved with:

- Strength of Materials (SE Civil 2015 Pat.)
- Concrete Technology (SE Civil 2015 Pat., 2019 Pat.)
- Structural Analysis-I (SE Civil 2015 Pat., 2019 Pat.)
- Advanced Mechanics of Structure (TE Civil 2019 Pat.)
- Structural Analysis -II (TE Civil 2015 Pat.)
- Advanced Concrete Technology (BE Civil 2015 Pat.)
- Quantity Surveying Contracts & Tender (BE Civil 2015 Pat.)

## 6. Specialized Training Courses

### a) Workshop/FDP/STTP/Seminar/Expert Talk attended:

- **Workshop:** Attended Two Days Workshop on concrete mixed design Organized by Ambuja Knowledge Centre, Nagpur From 14th March & 15th March 2011 .
- **Workshop:** Attended One Day Workshop on Ferro-Cement concrete Organized by Ferro-Cement Society on 15th March 2017 at Sandip Institute of Technology & Research Centre, Nashik.
- **Workshop:** Attended One Day Workshop on “Opportunities for Innovation and Entrepreneurship Government Schemes and Funding” on 14th July 2017 at Sandip Institute of Technology & Research Centre, Nashik.
- **Workshop:** Attended One Day International Workshop on “Project Based Learning” on 28th February 2018 held at Sandip Foundation’s Nashik.
- **STTP:** Attended ICT Mode STTP on NBA Accreditation (ICT01) From 22nd April to 26th April 2019 held at Guru Gobind Singh College of Engineering, Nashik in Association With National Institute of Technical Teachers Training & Research, Kolkata.
- **STTP:** Attended One Week Online Short Training Program on “ Patenting for Innovations” from 25th May to 29th May 2020 organized by Sanjivani College of Engineering, Kopergaon.
- **Workshop:** Attended One Week Workshop on “ Moodle Learning Management System” From 4th May to 9th May 2020 Organised by Anantrao Pawar College of Engineering & Research, Pune in Association with Spoken Tutorial , IIT Bombay.
- **FDP:** Attended ISTE Approved Two Week Online Faculty Development Program on Research Proposal, Funding Agencies, Product Development & Consultancy From 28th September to 9th October 2020 Organized by PCCOE, Pune.
- **FDP:** Attended Three Days online FDP on Research, Development & Innovation Ethics From 17th May to 19th May 2021 Organized by KBT COE Nashik.
- **FDP:** Attended Five Days online FDP on Journey to Research & Beyond From 21st May to 25th May 2021 Organized by Dr. D Y Patil School of Engineering, Lohegaon, Pune.

- **FDP:** Attended Five Days online FDP on Recent Advances in Management and Processing of Industrial and Domestic Waste From 16th to 20th August 2021 Organized by AICTE Training and Learning (ATAL) Academy at Siddaganga Institute of Technology.
- **FDP:** Attended Six Days online FDP on Advances in concrete construction and Techniques From 10th to 15th August 2021 Organized by Karamveer Bhaurao Patil College of Engineering, Satara
- **FDP:** Attended one week Faculty Development Program on Innovative Practices in Teaching Learning Process from 19th to 23rd Dec. 2023 Organized by Navsahyadri Group of Institutions, Naigaon, Pune.

#### **b)Seminar/STTP / Workshop/ Expert Talk Conducted:**

- Delivered Guest Lecture on 'Concrete Mixed Design' at Department of Civil Engineering, Shree Sai College of Engineering & Technology, Bhadravati.
- Conducted Expert Talk on "structural designing with ETABS" for Final year Civil Engineering students at SNJB's LS KBJ College of Engineering, Chandwad on 24/2/2023.
- Conducted Expert Talk on "Expert talk on Placement orientation program" for Final year Civil Engineering students at SNJB's LS KBJ College of Engineering, Chandwad on 14/2/2023.

#### **C)Seminar/STTP / Workshop/ Expert Talk Organized:**

- Organized 50 Hrs. training sessions on Staad-pro for third year Civil Engineering students at SNJB's LS KBJ College of Engineering, Chandwad on 9,10,11 & 17,18,19,20 Jan 2024.
- Organized three days training session on Revit for Final Year Civil Engineering students at SNJB's LS KBJ College of Engineering, Chandwad on 26/12/2023 to 28/12/2023.

### **7. Papers Published in Journal and Conference:**

#### **Papers Published in Journal:**

- Om V. Vaidya, (01/2018) "Working Of Benkleman Beam Deflectometer". International Research Journal of Engineering and Technology (IRJET),, Volume 5, Page No. 65-66, e-ISSN: 2395-0056, p-ISSN : 2395-0072.
- Om V. Vaidya, Dr.Hemant V. Hajare (07/2015) "Study of Management and Waste Control of Construction Material Using 4R Technique for Clean Environment & Smart Construction of Civil Engineering Project". International Journal of Research in Engineering, Science and Technology, Volume 1, Page No. 7-12, ISSN: 2395-6453.

- Om V. Vaidya, Dr. Valson Varghese (06/2012) "Comparison between conventional concrete and steel fiber reinforced concrete" . Indian Stream Research Journal, Volume 2, Page No. 57-61, ISSN: 2231-5063.
- Om V. Vaidya, K. Malviya (09/2021) "Strength Characteristics Of Concrete Using Recycled Concrete Aggregates", Vidyabharati International Interdisciplinary Research Journal(Web of Science), Volume 1, Issue 13, Page No. 533-538, ISSN: 2319-4979.
- Om V. Vaidya, Y. L. Bhirud (05/2022) "An Experimental Study on Strength of Concrete with Flyash and Steel Fibers", Indian Journal of Environmental Protection(Scopus), Volume 42, Issue 5, Page No. 637-640, ISSN: 0253-7141.
- Om V. Vaidya, Kapil Malviya, Yuvaraj L. Bhirud (07/2022) "The strength characteristics of concrete using recycled concrete aggregates" Research on Engineering Structures and Materials (Scopus), Volume 8, Issue 4, Page No. 853-860, ISSN: 2148-9807. DOI: <http://dx.doi.org/10.17515/resm2022.423st0319tn>.
- Yuvaraj L. Bhirud , Keshav K. Sangle , Om V. Vaidya , Swapnil A. Patare (9/2023) "Influence of higher binder content on the splitting tensile strength and modulus of elasticity of self-compacting concrete: An experimental investigation and proposed prediction equation" Construction and Building Materials (Elsevier), Volume 398, <https://doi.org/10.1016/j.conbuildmat.2023.132478>
- Yuvaraj L. Bhirud , Om V. Vaidya , Swapnil A. Patare (Accepted) "Effects of High Volume Cementitious Ingredients on Long Term Properties of Self Compacting Concrete" (Scopus).

### **Papers Published in Conference:**

- "Study of Management and Waste Control of Construction Material Using 4R Technique for Clean Environment & Smart Construction of Civil Engineering Project", Om V. Vaidya & Dr. Hemant V. Hajare, Proceedings of international conference on Clean and Smart City & Village ( ICOSMART2015), held on June 01st -02nd 2015, ITM University Vadodara.
- "An experimental study on properties of Rice Husk Ash for replacement of cement in Concrete", Om V. Vaidya, International conference on Emerging Trends in Engineering & Technology (ICETET-2021), held on 7th & 8th July 2021, Organized by Sandip Institute of Engineering and Management, Nashik.
- "Shrinkage, Creep and Elastic Shortening of Self-compacting Concrete with High Volume of Cementitious Materials", Om V. Vaidya, 7 th International Conference on Recent Trends in Engineering & Technology (ICRTET-2021), held on 15th & 16th November 2021, Organized

by SNJB's K B Jain College of Engineering, Chandwad, Maharashtra

- “Experimental Analysis of Self Curing Concrete with Recycled Aggregates”, Om V. Vaidya, International conference on Emerging Trends in Engineering, Science & Management (ICETESM-2022), held on 18th & 19th February 2022, Organized by Universal College of Engineering & Technology, Guntur, Andhra Pradesh.
- “The Challenges of Using Recycled Aggregates in Concrete and Some Potential Solutions”, Om V. Vaidya, International conference on Multidisciplinary Approaches in Engineering, Management and Science held on 4th March 2022, Organized by Shri S. Ramasamy Naidu Memorial College, Sattur, Viridhunagar, Tamilnadu.