



Department of First Year Engineering Faculty Profile

Mr. Ajit V. Wakchaure

M.E.(Structural Engineering), B.E. (Civil)

✉ avwakchaure@aissmscoe.com

ajitwakchaure51@gmail.com

☎ (020) 26058587; Extn: 1307

🔗 <https://scholar.google.com/citations?authuser=1&user=3EBXRIAAAAAJ>

🔗 <https://www.linkedin.com/in/er-ajit-patil-43054b217?trk=contact-info>



Research Areas / Areas of Interest

Structural Engineering

Personal Details

Date of Birth : 30/03/1991

Domicile: Maharashtra

Gender : Male

Blood Group: B+ve

Contact Details: Nanded City, Snihagad Road, Pune 411041

Academic Background

Sr. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E	Structural Engineering	Pune	1 st Class with Distinction	2014
2	B. E.	Civil	Pune	1 st Class with Distinction	2016

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	09	00
2	Research	00	00
3	Industry	01	--
4	Others	--	--
Total		24	00

Subjects / Courses Taught

Sr. No.	Subject	UG/PG	Class (FE/SE)	No of times Subject Taught
1	Structural Analysis II	UG	TE	03
2	Structural Analysis I	UG	SE	03
3	Structural Design I	UG	TE	03
4	Structural Design II	UG	TE	03
5	Structural Design III	UG	BE	03
6	Mechanics of Structure	UG	SE	03
7	Design of Steel Structures	UG	TE	03
8	Design of R.C. Structures	UG	TE	03
9	Quantity Surveying, Contracts and Tenders	UG	BE	02
10	Surveying	UG	SE	02
11	Engineering Mechanics	UG	FE	03

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	--	06	01	--	Yes
Conferences	--	01	00	Scopus	Yes

Publication Details (Journals)

Sr. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	Analysis of Ultimate Strength of Cold Form Steel Joist	Wakchaure Ajit V. Mehetre Amol J. Benke Vaibhav G.	2016	International Journal of Engineering Sciences & Management	ISSN:2277-5528	--
2	Mivan Technology using Aluminium Formwork	Wakchaure A V., Patil R.S., Pawale D.B.,	2016	International Journal of Engineering Sciences & Management	ISSN:2277-5528	--
3	Elevated Service reservoir and Design	Wakchaure A. V., Sahane A.A., Kandekar Sachin B.	2016	International Journal of Engineering Sciences & Management	ISSN:2277-5528	--
4	Experimental Investigation on Properties of Concrete by Partial Replacement of Natural Sand by Iron Slag Sand	Ajit Vasant Wakchaure, Pratik Vikas Patil, Rupali Patil	2018	Journal of the Gujrat Research Society Volume 21 Issue 4	ISSN: 0374-8588	--
5	Structural Health Monitoring using Non-Destructive Testing and Retrofitting of Old Structures	Ajit V. Wakchaure, Rushikesh K. Belure, Gaurav U. Darkunde, Sheinik B. Pawar	2023	International Journal of Innovative Research in Computer and Communication Engineering	ISSN:2320-9801	--

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Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	Organised by
1	Non Destructive Testing By Using Radiography and Design of Steel Structure	Wakchaure Ajit V.	2016	Civil Post Graduate Conference 2016	AISSM Society's College of Engineering Pune-1
2.	Experimental Investigation on properties of Concrete by Partial Replacement of Natural Sand by Iron Slag Sand.	Wakchaure Ajit V.	2019	SCOPUS INDEXED International Conference Emerging Trends in Technology	Zeal College of Engineering and Research Pune -41

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	48

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society for Technical Education	National	Life Member	LM 121606

Details of Workshop / STTP / FDP Attended

Sr. No.	Title	Type	Duration	Organizer	Sponsoring Agency
1	Soft Computing Tools in Civil Engineering Research”	FDP	13th February to 17th February 2023.	Zeal College of Engineering & Research, Pune	Zeal College of Engineering and Research, Narhe,Pune-41
2	Advances in Green Technology and Future Opportunities	FDP	7th August 2023 to 11th August 2023.	First Year Engineering Department, Dr. D. Y. Patil Institute of Engineering,	Dr. D. Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune
3	Implementation and execution of third year civil engineering 2019 pattern syllabus	Workshop	7 th Sept 2021 to 9th Sept 2021	Anantrao Pawar College of Engineering & Research, Pune	Board of Studies Civil Engineering, Savitribai Phule Pune University
4	Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.)	Workshop	22 th to 26 th June 2020	Sinhagad College of Engineering, Pune	Board of Studies, Civil Engg, SPPU,Pune.
5	Online Teaching Syllabus of T.E. Civil - 2015 pattern	Workshop	1st to 3rd July, 2020.	Dr. Vittalrao V K Patil College of Engineering, Ahmednagar	Board of Studies, Civil Engg, SPPU,Pune.
6	Teaching learning Practices in Geotechnical and Foundation Engineering	STTP	December 09 to 13, 2019.	Zeal College of Engineering and Research, Narhe,Pune-41	Zeal College of Engineering and Research, Narhe,Pune-41
7	Fibre-Reinforced Soils and their Applications	Workshop	22nd September 2018.	IGS SURAT CHAPTER in association with SVNIT Surat	SVNIT Surat
8	Teaching learning Practices in Structural Design	STTP	December 11 to 15, 2017.	Zeal College of Engineering and Research, Narhe,Pune-41	Zeal College of Engineering and Research, Narhe,Pune-41

Major Professional Responsibilities Handled

Sr. No.	Role and Responsibilities
1	Academic Coordinator (A.Y. 2020)
2	Departmental NBA Coordinator (A.Y. 2020)
3	Departmental NAAC Coordinator (A.Y. 2020)
4	Departmental CESA and Student Welfare Coordinator (A.Y. 2019)
5	Departmental Consultancy Coordinator (A.Y. 2017)
6	Departmental Library Coordinator (A.Y. 2017)
7	Departmental STTP Coordinator (A.Y. 2018)

Declaration: I hereby declare that all the statement made above are correct to the bestof my knowledge and belief.

Mr. A. V. Wakchaure