



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra

Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Curriculum vitae

Mrs. Megha Sumedh Chiwande

M. Tech (Structural Engineering)

Assistant Professor

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☎ 9860136868



Research Areas / Areas of Interest

Structural engineering, Concrete Technology, Structural Analysis

Personal Details

Date of Birth : 26/ 09 / 1980

Gender : Female

Contact Details: 9860136868

Domicile: Maharashtra

Blood Group: A+ve

Academic Background

S. NO.	Qualification	Specialization	University	Class/ Grade	Year of Passing
1	Ph.D. Pursuing	Civil Engineering	SPPU	-	Pursuing

2	M.Tech.	Civil- Environmental Engineering	Rashtrasant Tukdoji Maharaj ,Nagpur University	I st with Distincti on	2007
3	B.E.	Civil Engg.	Nagpur University	II nd	2003

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	14	05
2	Research	00	00
3	Industry	2	00
4.	Others	--	--
Total		14	05

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Mechanics of Structure	UG	SE	3
2	Geotechnical Engineering	UG	SE	1
3	Concrete Technology	UG	SE	5
4	Advanced Concrete Technology	UG	BE	4
5	Structural Analysis II	UG	TE	3
6	Structural Analysis I	UG	SE	1
7	Matrix Method of Structural Analysis	UG	BE	1
8	Advanced Structural Design	UG	BE	1
9	Engineering Mechanics	UG	FE	1
10	Basic Civil and Environmental Engineering	UG	FE	1

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	04	-	-	-	02
Conferences	03	-	-	-	-

Publication Details (Journals)

S. N o	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publis her
01	"Study on properties of self curing concrete"	M S Chiwande, Dr Vinaykumar H.	2021	Multidisciplinary Journal of research in Engineering and Technology	ISSN 2348- 6953	
02	Study of Progressive Collapse Analysis of RCC Irregular Building	M S Chiwande	2022	Journal of emerging technologies and research trends	ISSN 2349- 5162	
03	The comparative Descriptive Research and Analysis of RCC Twisted and Traditional Buildings Using ETABS Software for Indian and American Codes	M S Chiwande	2025	Open Access International Journal Of Science And Engineering (Oaijse)	2456- 3293	
04	Development of Fire Resistant Concrete using Advanced Materials	M S Chiwande	2026	Multidiciplinary Journal of Academic Publication	3107- 538X	

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
National Conference						
01	Intrinsic Self-Sensing Concrete: A Critical Review	M S Chiwande, Dr Vinaykumar H.	2022	Advancement in Structural & Geotechnical Engineering (ASGE'22)		Indus University, Ahmedabad
02	Intrinsic Self Sensing Concrete-State of The Art	M S Chiwande, Dr Vinaykumar H.	2023	13th Structural Engineering Convention		VNIT Nagpur
03	Lw Carbon Concrete using Diatomaceous earth with and without carbon curing	M S Chiwande Javed Basale	2026	3 rd International conference on advances in Engineering and Medical Sciences 2026		

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	6	90

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
SESI	National	Life Membership	--
ISTE	National	Life Membership	--
IEI	National	Life Membership	M-1596238
ICI	National	Life Membership	LM-10678

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S.N o	Title	Type	Duration	Level (State/National / International)	Sponsoring Agency
1	Advanced Waste water Treatment Technologies	Seminar	2 days	State	SPPU

Details of Workshop / STTP / FDP / Conferences Attended

S · N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Fundamentals of Artificial Intelligence	STTP	1 Week	NITTTR Bhopal	
2	Use of ICT to Build capacity of Technical teachers	FDP	One Week	NITTTR, Bhopal	
3	Multidisciplinary Education and research	FDP	One Week	NITTTR, Bhopal	
4	4 days offline Civil Engineering industrial training in GROW TOGETHER workshop.	Industrial training	4 days	Anantrao Pawar College of Engineering Pune	
5	One day offline workshop on Mechanics of structure-Lab	workshop	One day	Sinhagad College of Engineering Wadgaon Pune	
6	One week online STTP on "Laboratory	One week STTP	20/12/2021 to 24/12/2021	NITTTR Kolkata	
7	Disaster Management and Risk Reduction- A Geospatial Approach	One week STTP		Dr Daulatrao Aher college of Engineering Karad	
8	OBE-In Pursuit of Academic Excellence II		24/06/21	KARPAGAM Academy of higher education	
9	Intellectual Property Rights	Webinar	19/06/21	AISSMS COE and Institutes	

				Innovation Council	
10	Role of Professional Students' Chapter in Enhancing Engineering Students Career Growth and Increasing Opportunities	Webinar	26/06/21	AISSMS COE	
11	River Rejuvenation challenges to civil engineers	Webinar	13/06/21	Vivekanand Institute of Technology Bangalore	
12	Civil Engineering Beyond Imagination	Webinar	25/06/21	MIT School of Engineering Department of Civil Engineering	
13	Empathetic and techno pedagogical approaches for the new normal	Webinar	4/05/2021	Faculty development cell of AICTE	
14	Three Days online workshop for Drafting of TE Civil 2019 Pattern Syllabus	Workshop	03/05/2021 to 05/05/2021 (3 Days)	Department of Civil Engineering, AISSMS COE Pune	
15	Stress Management	Webinar	23/05/2021	AISSMS COE Pun	
16	Geopolymer concrete	Webinar	09/04/2021	SRM Institute of Science and Technology Chennai	
17	Evolution of construction industry to address infrastructure challenges	One day international Faculty Development Program	23/04/21	AISSMS COE	
18	Energy and environmental science, Technology and management for sustainable development	One week International FDP	20/05/21 to 25/05/21	Dr D Y Patil institute of technology Pimpri	
19	Structural Health Monitoring & Retrofitting, Rehabilitation Of Structure	One week STTP	10/05/21 to 15/05/21	P. R. Pote (Patil) Group Of Education & Welfare Trust's College Of Engineering & Management , Amravati	

20	Concrete- A 360 degree View from Quality Perspective in Maharashtra Metro	Webinar	24/05/21	SRM Institute of Science and Technology Chennai	
21	Building an innovation/Product fit for market	Webinar	28/05/21	AISSMSCOE	
22	Earthquake Engineering	ATAL FDP	1/12/21 to 5/12/21	AICTE Training And Learning (ATAL) Academy	
23	“Destructive and non-destructive testing method of Civil Engineering Structures”	Workshop	3 days from 22nd to 24th September 2016	Bharati Vidyapith Deemed University College of Engineering	
24	Two day staff development program at AISSMS COE Pune	FDP	2 days 25th & 26th August 2016	AISSMS COE Pune	
25	Basics of RCC Design and concept	Workshop	One day 26th February 2015	Ambuja Cements	
26	BE Civil (2012 Course) Syllabus Drafting”	Workshop	One day 10th of June 2014	AISSMS College of Engineering, Pune	
27	“Frontier Technologies in Waste Management	National level Conference	Three days 15th to 17th January 2014	AISSMS COE in association with VESBE, Germany & sponsored by AICTE, New Delhi	
28	Faculty oriented workshop on Structural Design -I	FDP	One day 5th July 2014	JSPM NTC	
29	staff development	FDP	Two days 15th & 17th May 2013	AISSMS COE Pune	

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
01	Faculty coordinator IEI Student's Chapter from 2015-16
02	Faculty coordinator ISTE Student's Chapter
03	Institute level Student Grievance committee member

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

Megha S Chiwande