



# 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



## Department of Civil Engineering

### Faculty Profile

#### Mr. Chetan Misal

M Tech (Civil Engineering)

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#### Research Areas / Areas of Interest

Construction Management

#### Personal Details

Date of Birth : 1988

Domicile: Maharashtra

Gender : Male

Blood Group: A+ve

Contact Details: (020) 26058587;  
Extn:1308

#### Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M Tech	CM	SPPU	Distinction	July 2013
2	B.E.	Civil Engg.	Shivaji University	Distinction	June 2010

**Work Experience**

S. No.	Type of Experience	Years	Months
1	Teaching	12	--
Total		12	--

**Subjects / Courses Taught**

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Engineering Mechanics	UG	FE	01
2	Basic Civil and Environmental Engg	UG	FE	02
3	Building Technology and Materials	UG	SE	04
4	Architectural Planning and Design of Buildings	UG	SE	03
5	Concrete Technology	UG	SE	02
6	Infrastructure Engg and Construction Techniques	UG	TE	01
7	Building Technology and Architectural Planning	UG	SE	04
8	Green Structures and Smart Cities	UG	BE	03

**Research Publications**

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	02		-	-	01
Conferences		01	-	-	-

### Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
01	Experimental Investigation on Bacteria Based Self Healing Concrete	Dr S R Parekar C S Misal	2020	International Journal of Advance Civil Engineering and Technology Volume 5 Issue 2 (page no 22 to34)	-	
02	Energy Dissipation In Buildings Using Light Weight Buckling Restrained Bracings	Dr S R Parekar, C S Misal	2022	DICKENSIAN JOURNAL	ISSN NO : 0012-2440	DICKENSIAN JOURNAL

### Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organized by
<b>International Conference (08)</b>						
01	Comparative Study of Different Multi-criteria Decision-making Methods	Vyas Gayatri S. & Misal Chetan S..	2013	International Journal on Advanced Computer Theory and Engineering (IJACTE)	ISSN (Print) : 2319 – 2526,  Volume-2, Issue-4, 2013	IRD India and MIT Indore

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

S.No	Title	Type	Duration	Level (State/National / International)	Sponsoring Agency
01	Water Management	Indo - German conference	29th May 2017	International	VESBE Germany
02	Post graduate Conference 2016	Conference	09th -10th June 2016	University	BOS Civil Engg.SPPU, Pune
03	Drafting of BE Civil Syllabus	Workshop	10th June 2015	University	BOS Civil Engg.SPPU, Pune
04	Prefabricated Dry Construction Technology by Dr. Kishor Kulkarni, Scientist at CBRI- CSRI	Webinar	29th May 2020	State	Department of Civil Engineering, AISSMS COE
05	A Smart and Sustainable World in Concrete and Structures	STP	4th June to 8th June 2020	National	Department of Civil Engineering, AISSMS COE in association with UltraTech Cement Ltd
06	Workshop on Online Content Delivery for B. E. Civil (2015 Pat.)	Workshop	14/07/20 to 16/07/20	Univerisity	Department of Civil Engineering AISSMS COE In association with

					BOS, Civil Engg, SPPU
07	Series of Expert talks on "Communication skills and Presentation skills" by Dr. Pragya Bajpeyi, Assistant Professor National Defense Academy, Pune	Expert Talks	05/11/20 and 07/11/20	-	Department of Civil Engineering AISSMS COE
08	One-week Online Short Term Training Program on "Emerging Applications of Geog Information System (EAGIS - 2020)"	STTP	30/11/20 to 05/12/20	National	AICTE sponsored
09	One Day Online FDP on "Recent Advancements in Concrete Technology" on	FDP	09/01/21	National	Dept of Civil Engg AISSMS COE
10	One Week Students Development Program on "GATE Coaching with Tips and Tricks"	SDP	25/01/21 to 31/01/21	Univerisity	Dept of Civil Engg AISSMS COE
11	One Week Students Development Program for SE Civil (Specially for Direct Second year)	SDP	1/02/21 to 7/02/21	Univerisity	Dept of Civil Engg AISSMS COE
12	Workshop for Drafting of TE Civil 2019 Pattern Syllabus	Workshop	03/05/21 to 05/05/21	University	AISSMS College of Engineering, Pune in association Board of Studies, Civil Engg, SPPU
13	"Virtual Tour of India's Largest Cement Manufacturing Plant" Rajashree Cement Works – Malkhed, Gulbarga	Virtual Tour	26/05/21	National	Dept of FE and Civil Engg AISSMS COE

14	Two Days Online Workshop Syllabus Drafting of BE CIVIL 2019 Pattern	Workshop	30/06/22 to 01/07/22	University	Department of Civil Engg AISSMS COE In association With BOS SPPU
15	Online Workshop on "Artificial Neural Networks and Its Applications in Civil Engineering"	Workshop	25/03/22	National	Dept of Civil Engg AISSMS COE
16	Worked as Coordinator in organizing Students Development Program for DSA students	SDP	21/12/21 to 31/12/21	Dept of Civil Engg AISSMS COE	Dept of Civil Engg AISSMS COE
17	Worked as Coordinator in organizing Extra Lecture Series for DSA students	SDP	28/11/22 to 27/12/22	Dept of Civil Engg AISSMS COE	Dept of Civil Engg AISSMS COE
18	Worked in organizing committee for One Day Faculty Orientation Workshop on "Engineering Mechanics in Context of NEP-2020, on 23/08/24	Workshop	23/08/24	Dept of Civil Engg AISSMS COE	Dept of Civil Engg AISSMS COE

## Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Successfully completed NPTEL course on “Principles and Applications of Building Science” with elite certification	NPTEL course	July-September 2024	NPTEL	
2	Successfully completed 6-weeks certification course on Miracles of Human Language: An Introduction to Linguistics” authorized by University of Leiden and Meertens Institute (KNAW) and offered through Coursera	Coursera course	6-weeks Completed on 08/08/2023	University of Leiden and Meertens Institute (KNAW) and offered through Coursera	Self
3	successfully completing the course Introduction to Artificial Intelligence	Certification Course	July 20, 2023	Infosys Springboard	Self
	Participated in Two days National Level SPPU sponsored workshop on “Implementation of National Education Policy 2020:Alumni Connect”	Workshop	23/02/23 to 24/02/23	Dept of Civil Engineering, AISSMS COE	SPPU
4	Participated in Two Weeks Training Program for Faculty Members on AICTE Student Learning Assessment – STTP	STTP	07/03/ 2022 to 22/03/2022	AICTE PARAKH in collaboration with Construction Industry Development Council (CIDC)	AICTE PARAKH in collaboration with Construction Industry Development Council (CIDC)
5	Attended the conference on “3D Concrete Printer”	Conference	25/02/2022	PCERF and L&T	PCERF and L&T
6	FDP on “Advances in Concrete Construction and Techniques”	FDP	10/08/21 to 15/08/21	Department of Civil Engineering, KBT College of Engineering, Nashik	Department of Civil Engineering, KBT College of Engineering, Nashik

7	Five Days FDP on “Software Based Case Studies for Development of Multidisciplinary Projects”	FDP	22/11/21 to 26/11/21	Department Of Computer Engineering under FDP cell, AISSMS COE, Pune	Department Of Computer Engineering under FDP cell, AISSMS COE, Pune
8	Webinar on 'OBE- in Pursuit of Academic Excellence"	Webinar	24/06/21	CPSF and Dept ENT C Karpaham Academy of Higher education, Coimbatore	-
9	Webinar "Symbol of Knowledge" Rajendra Singhji	Webinar	11/06/21	AISSMS COE, NSS and Unnat Bharat Abhiyan	-
10	Three Days FDP on “Research Funding and IPR”	FDP	07/06/21 To 09/06/21	K C College of Engg Management studies And Research, Thane	-
11	Program on “World Environment Day Celebration	Webinar	05/06/21	Department of Civil Engineering, AIS	-
12	One Day National Workshop On “Concrete Mix Design’	Workshop	04/06/21	K D K College of Engg Nagpur	-
13	Two days Workshop on “IPR and IP Management for Start- up”	Workshop	24/05/21 to 25/05/21	MESCOE and MHRD's Innovation Cell	-
14	Webinar on ‘Stress Management’	Webinar	23/05/21	Department Of E&TC, AISSMS COE, Pune	-
15	e-Expert Talk on "Seismic Behavior and strengthening of Unreinforced Masonry Walls"	Expert Talk	23/05/21	Department of Civil Engineering, AVCOE Sangamner	-
16	One Day Online Workshop on “Research Methodology (RM)”	Workshop	22/05/21	Department of Civil Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati.	-

17	Webinar on “Building Geometrics and structural systems for Earthquake Resisting Buildings	Webinar	15/05/21	UltraTech Cement Ltd	-
18	Five Days Faculty Development Program on “Consultancy in Civil Engineering: Opportunities and Challenges”	FDP	10/05/21 to 14/05/21	Department of Civil Engineering of MVPS's K.B.T. College of Engineering, Nashik in association with	-

				SPPU and ACCE	
19	One Day International FDP on "Evolution of Construction Industry to address Infrastructure challenges"	FDP	23/04/21	Dept of FE and Department Of Civil Engineering, AISSMS College of Engineering, Pune	-
20	One Day International FDP on "Evolution of Construction Industry to address Infrastructure challenges"	FDP	23/04/21	Dept of FE and Department Of Civil Engineering, AISSMS College of Engineering, Pune	-
21	One week National workshop on "NAAC Accreditation Process"	Workshop	15/04/21 to 22/04/21	Paramarsh Scheme of UGC and IQAC MCASC Pune	-
22	Expert Lecture by Dr. Utpal K Ganatra on "Soft Skills: A must have Asset for Engineers"	Expert Lecture	20/03/21	Department Of Civil Engineering, AISSMS College of Engineering, Pune	-
23	Webinar on "Project Management" by Dr. B.T. ADE	Webinar	13/03/21	Department of Civil Engineering Under IUCEE Student Chapter, AISSMS COE, PUNE	-
24	Webinar on "High Performance Concrete – Optimization and Design"	Webinar	13/03/21	UltraTech Cement Ltd	
25	Webinar on "Techniques for Writing Innovative Research Paper"	Webinar	12/03/21	IIC-MESCOE Innovation Cell, an initiative of MHRD's Innovation Cell	-
26	Webinar on "Marathi Rajbhasha Divas"	Webinar	26/02/21	Central Library, AISSMS College of Engineering Pune	-
27	Webinar on "Construction Safety Challenges and their Solutions"	Webinar	20/02/21	UltraTech Cement Ltd	-
28	Webinar on "Post tensioned Tendons in Bridge structures-Evaluation and Protection"	Webinar	19/02/21	Indian Institute of Bridge Engineers	-

	One Day Workshop on "Project Based Learning"	Workshop	23/01/21	Department of E&TC Engineering, Vishwakarma Institute of Technology, Pune and BOS - E&TC Engineering, SPPU	-
29	NPTEL's FDP course on Developing Soft skills and Personality during	FDP	July to September 2020	NPTEL	
30	Online FDP on "Green Technology & Sustainability Engineering"	FDP	11/01/21 to 15/01/21	Motilal Nehru National Institute of Technology Allahabad	-
31	A One Week Short Term Training Programme On "Predictive Analytics Using Artificial Intelligence"	STTP	14/12/ 20 to 19/12/ 20	Department of Computer Science and Engineering, NRI Institute of Technology, Agiripalli, Krishna Dt., A.P and AICTE	-
32	Webinar on "Accreditation: Scope in NEP its relevance and effectiveness"	Webinar	12/12/20	EduFuture Learning	-
33	Webinar on "Outcome Based Education and Accreditation"	Webinar	27/11/20	National Board of Accreditation, in association with Directorate of Technical Education, Maharashtra State and College of Engineering Pune	-
34	Online Symposium on "Internet of Things (SIoT-2020)"	Symposium	31/10/20	Department of Computer Engineering and Information Technology and COEP's Information and Cyber Security	-

				Research Group	
35	Webinar on “ My Journey to Brain”	Webinar	31/10/20	IEEE Students Branch, Dept of ENTC, AISSMS College of Engineering, Pune	-
36	Webinar on “Resume Preparation	Webinar	28/10/20	Dept of ENTC, AISSMS College of Engineering, Pune	-
37	Webinar on “Six Sigma”	Webinar	24/10/20	AIChe students Chap AISSMS College of En Pune	-
38	Webinar on “ Innovative	Webinar	16/10/20	Department of Civil	-
39	Solutions for earth Retention”			Engineering, AISSMS College of Engineering, Pune	
40	Webinar on "Importance Of Day To Day Life Nutrition“	Webinar	22/10/20	National Service Scheme and Unnat Bharat Abhiyan, AISSMS College of Engineering, Pune	-
41	Webinar on “National Education Policy 2020 - Strategies And Framework For Autonomy”	Webinar	15/10/20	National Institute of Technical Teachers Training and Research Bhopal	-
42	National level webinar on "Self Re India in Mahatma Gandhi's Dream	Webinar	02/10/20	National Service Scheme and Unnat Bharat Abhiyan, AISSMS College of Engineering, Pune	-
43	National Level Webinar on “National Education Policy- 2020”	Webinar	23/09/20	NSS and Unnat Bharat Abhiyan AISSMS College of Engineering, Pune	
44	One Day National Level FDP on “Advances in Technology and Safety Practices in	FDP	19/09/20	Department of Civil Engineering, AISSMS College of	-

	Infrastructure Engineering”			Engineering, Pune	
45	National level Webinar o “Start u business Incubatio Schemes of M MSME”	Webinar	16/09/ 20	Sant Gadgebaba Uni in association with Ministry of MSME	-
46	e-Expert talk by DYSP Shekhar P. Deshmukh on “Guidance for competitive exam’s preparation	Webinar	12/09/ 20	Department Of Civil Engineering, AISSMS College of Engineering, Pune	-
47	Webinar on “Performance based asset Management”	Webinar	5/09/20	UltraTech Cement Ltd.	-
48	Accreditation webinar series W11-Planning Required during the visit and post visit Activities	Webinar	25/08/20	National Institute of Technical Teachers Training and Research Bhopal	-
49	Alumni-Student Interaction Linkage	Webinar	15/08/20	Department of Civil Engineering, AISSMS College of Engineering, Pune	-
50	Alumni-Student Interaction Linkage	Webinar	28/08/20	Department Of Civil Engineering, AISSMS COE	-
51	Webinar on “Wireless Communication and Future of IoT”	Webinar	12/08/20	Dept of ENTC, SSGMCOE Shegaon	-
52	Webinar on "Application of Microsoft Project and Oracle Primavera EPPM P6 in Civil Engineering Projects"	Webinar	11/08/20	Department of Civil Engineering, AISSMS College of Engineering, Pune	-
53	E-expert Talk by Mr. Kiran Somwanshi on ‘Career Oportunities for civil engineers after Covid-19”	Webinar	1/08/20	Department of Civil Engineering, AISSMS College of Engineering, Pune	-
54	Alumni-Student Interaction Linkage	Webinar	1/08/20	Department of Civil Engineering, AISSMS College of Engineering, Pune	-

55	"Virtual Labs: Hands-On Workshop"	Workshop	18/07/20	PVG's COET, Virtual Labs Regional Center (Pune), Jointly with AISSMS COE, & Virtual Labs-IIT Bombay	-
56	Webinar on "How to Write a Research Paper"	Webinar	18/07/20	Department of Civil Engineering, Sinhgad College of Engineering, Pune	-
57	Webinar on "W2 Evolving and Ali Teaching-learning Process for Implementation of Curriculum"	Webinar	09/07/20	NITTTR Bhopal	-
58	One week TEQIP FDP on "Advances in Civil and structural Engg."		15/06/20 to 19/06/20	Govt. College of Engg. Karad And Govt. College of Engg. Nagpur	-
59	Webinar on "Pune Metro Rail Project" by Mr. Yusuf Inamdar	Webinar	29/05/20	FE Department, AISSMS COEPune	-
60	Webinar on "MS Projecs for Management of Construction Projects"	Webinar	30/05/20	Department of Civil Engineering, AISSMS COE Pune	-
61	Webinar on Precast Mass Housing Construction	Webinar	05/06/20	Department of Civil Engineering, AISSMS COE Pune	-
62	Online Workshop "Resilience of Concrete Construction"	Workshop	23/05/20	IIT Madras, Chennai	-
63	6-Week course on "Meditation: A way to achieve your goals in your life"	Courser a Course	06/06/20	Korea Advanced Institute of Science and Technology and offered through Coursera	-
64	4-Week course on "Mindshift: Breakthrough Obstacles to Learning and Discover Your Hidden Potential"	Courser a Course	09/06/20	McMaster University and offered through <b>Coursera</b>	-

65	4-Week course on "Work Smarter, not Harder: Time Management for Personal and Professional Productivity"	Coursera Course	10/06/20	University of California, Irvine Division of Continuing Education and offered through <b>Coursera</b>	-
66	One week TEQIP online FDP on "Advances in Civil and structural Engg."	FDP	15/06/20 to 19/06/20	Govt. College of Engg. Karad	-
67	One Day National Webinar on "Crisis and Financial Planning"	Webinar	28/06/20	KRM Mahila Mahavidyalaya, Nanded	-
68	NPTEL's one week FDP course on 'Disaster Management' during	FDP	January to April 2020	NPTEL	-
69	Technical Event on Infrastructure held by International Institute of engg. Excellence, Pimpri	Technical Event	22/09/2019	International Institute of Engg. Excellence, Pimpri	International Institute of Engg. Excellence, Pimpri
70	NPTEL's one week FDP course on 'Interpersonal skills'	FDP	June to September 2019	NPTEL	-
71	CETL's one week FDP course on Outcome Based Curriculum Design on	FDP	06/12/19 to 14/12/19	AISSMS's COE Pune	AISSMS's COE Pune
71	Modern Pedagogy and Recent Technological Development at AISSMSCOE,	FDP	10/12/18 to 14/12/18		AISSMS's COE Pune
73	Workshop on Business Opportunities in Environmental Engineering at Pune	Workshop	1-2 February 2019	ZCOER	-
74	One week FDP on Vision- Mission-Goals- PEO-PSO-PO- CO: Framing, Mapping, Assessment and Attainment at AISSMSCOE in June 2019	FDP	10 June to 14 June 2019	AISSMS's COE Pune	AISSMS's COE Pune

75	Workshop on Building Redevelopment at MITCON Pune	Workshop	December 9, 2018	MITCON	-
76	Disaster Management and Mitigation at, during	FDP	November 19to 23, 2018	GHRCOE Pune	-
77	5 <sup>th</sup> Techno-Societal theme meeting on Advanced Technologies in Service of Rural India	Conference	4th and 5th November 2018	SVERI Pandharpur	-
78	Workshop on Virtual Labs	Workshop	4/08/2017	AISSMS's COE Pune	AISSMS's COE Pune
79	Workshop on Knowledge sharing Program on Innovative Methods of Teaching	Workshop	25/07/2017	AISSMS's COE Pune	AISSMS's COE Pune
80	PG Conference held at AISSMS COE on	Conference	8th and 9th July 2016	AISSMS's COE Pune	AISSMS COE in association Board of Studie Civil Engg, SPPU
81	Staff Development Program	FDP	22 <sup>nd</sup> – 23 <sup>rd</sup> Aug. 2016	AISSMS's COE Pune	AISSMS's COE Pune

### Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
01	Member, Departmental Committee of NBA Criteria-2
02	Member, Departmental Committee of NAAC Criteria-1, NAAC Criteria-2A
03	Worked in Central Core Committee for ET 2017, ET 2018, ET-2019
04	Incharge, Departmental Website, Departmental Technical Magazine and Newsletter and Study Circle
05	Worked as Member, Prize Distribution Committee in for Shivanjali-2019, Shivanjali -2023, Shivanjali-2025
06	Worked as member, Committee for "THE WEEK Best College Survey 2022 and 2023
07	Appointed as Translator for Technical Book Translation scheme (UDAAN) under AICTE
08	Member, Committee for Verification of Labs in Chemical Engg Dept for NBA visit

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

Mr. Chetan Misal  
(Name with Signature)