



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated with
Savitribai Phule Pune University

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



Department of Civil Engineering Faculty Profile

Dr. Sneha P Khedekar

BE (Civil), ME Civil (Construction & Management), PhD

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Research Areas / Areas of Interest

Project Management, Construction Management, Optimization, Building Drawing

Personal Details

Date of Birth : 04-10-1986

Domicile: Maharashtra

Gender : Female

Blood Group: O+ve

Contact Details: 9545371550

Academic Background

S. NO.	Qualification	Specialization	University	Class	Year of Passing
1	PhD	Civil Engineering	SPPU	Pass	2025
2	M E	Civil Engineering (Construction & Management)	SPPU	First Class	2015
3	PGP	Project, Construction, Infrastructure and Business management	MIT	Distinction	2011
4	B.E.	Civil Engg.	SPPU	Distinction	2009

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	12	06
Total		10	06

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	Building Technology and Materials	UG	SE	03
3	Architectural Planning and Design of Buildings	UG	SE	03
4	Systems Approach in Civil Engineering	UG	BE	04
5	TQM & MIS in Civil Engineering	UG	BE	01
6	Building Technology & Architectural Planning	UG	SE	03
7	Project Management & Engineering Economics	UG	TE	04
8	Optimisation Techniques	PG	ME	02
9	Project Management	UG	SE	03
10	Architecture & Town Planning	UG	TE	04
11	Operation Research	UG/PG	BE/ME	05
12	Management in Project Planning & Construction	PG	ME	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	-	14	-	4	4
Conferences	2	04	1	-	-

Publication Details (Journals)

Sr. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	Risk Assessment and Mitigation of real estate project in Maharashtra	Sneha Khedekar and A W Dhawale	2015	International Journal of Technical Research & Applications (IJTRA), Vol.3, Issue 4.	ISSN-2320-8163	
2	Effective Traffic Management for Two major junctions of Pune city by Predictive analysis and Design of Simulation Model	Kalyani Kulkarni , Sneha Khedekar , Ninad Pande	2017	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol.6, Issue 3	ISSN-2347-6710	
3	Planning & Scheduling of Project using Microsoft Project(MSP)	<u>Shubham Laddha</u> , <u>Prerna Chanda</u> and Sneha Khedekar	2017	International Journal of Advanced Research(IJAR), Vol.5, Issue 3	ISSN: 2320-5407	
4	Feasibility Study of Replacement of Cement and Sand in Concrete and Mortar by ECOSPHERE	S P Khedekar, Shilpi Bhuinyan, K N Kulkarni	2017	International Journal of Engineering Technology Science and Research(IJETSR), Vol.4, Issue 8	ISSN 2394 – 3386	
5	Formulating a Soil Erosion Model & Accounting for its Effects on the Dam Capacity - Pavana Dam Catchment	K N Kulkarni, S P Khedekar, S S Bhuinyan	2018	International Journal of Engineering Technology Science and Research(IJETSR), Vol.5, Issue 1	ISSN 2394 – 3386	
6	Route Optimization of Solid Waste by using ArcGIS Application in Pune, India	S D Nagrale, Sneha Khedekar, Amey Rangdal, Vishwatej Sawant, Santosh Patil	2018	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol.6, Issue 6	ISSN: 2321-9653	
7	Efficiency of Ecosphere as cement replacement material for strength performance of siporex and Conventional Red Brick	S S Bhuinyan, K N Kulkarni, S P Khedekar	2020	International Journal of Creative Research Thoughts(IJCRT), Volume 8, Issue 3,	ISSN: 2320-2882	

8	Air Quality Assessment Using Artificial Intelligence Approaches: A Review	Sneha P Khedekar, Dr. Sunil B Thakare	2020	JOURNAL OF CRITICAL REVIEWS, VOL 7, ISSUE 09	ISSN-2394-5125	
9	Strengthening of Concrete by Utilization of Hypo Sludge and Fly Ash as Partial Replacing Material of Cement	S. P. Khedekar Swaraj Chalke, Pranav Patil, Sundeep	2021	Gradiva Review Journal, VOL. 7, ISSUE 6	ISSN-0363-8057	
10	Analyzing the Strength of Concrete Blocks Reinforced by Half Portion of Coconut Shell	S. P. Khedekar, Ashlesh Patil, Mahesh Patil, Sanskrut Patil	2021	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol.9, Issue 6	ISSN-2321-9653	
11	Deep Learning Methodologies and Applications in Artificial Intelligence: A Review	Sneha P Khedekar, Dr. Sunil B Thakare	2021	Design Engineering, Issue 8 ((SCOPUS)	ISSN-0011-9342	
12	Partial Replacement of Cement by Ground Granulated Blast Slag (GGBS) and Addition of Activated Charcoal Powder	S. P. Khedekar, Shubham Bonde , Prathamesh Bacchav , Ajay Ingle , Sachin Kanoje	2022	GRADIVA REVIEW JOURNAL	ISSN NO 0363-8057	
13	Use of Recycled Concrete Aggregate in Construction	S. P. Khedekar, Ajit Mathane, Rushikesh Lawand, Sourabh Patil, ShivrajMulik	2022	International Journal of Engineering Inventions	ISSN: 2319-6491	
14	Correlation analysis of atmospheric pollutants and meteorological factors using statistical tools in Pune, Maharashtra	Sneha Khedekar, Dr. Sunil Thakare	2023	E3S Web of Conferences	2267-1242	
15	Prediction Model On Air Quality Of Pune Region Using Soft Computing Tools	Sneha Khedekar, Akshita Patil, Sharyu Patil, Viraj Salunke ,Samir Shanware	2023	Journal of Emerging Technologies and Innovative Research, Vol.10, Issue 7	ISSN-2349-5162	

16	Prediction of Air Quality Level using SARIMA model in Pune city of India	Sneha Khedekar, Dr. Sunil Thakare	2023	Journal of Data Acquisition and Processing, Volume 38 Issue 4	ISSN - 1004-9037	
17	Predicting Air Pollution Levels in Pune, India using Generative Adversarial Networks	Sneha Khedekar, Dr. Sunil Thakare	2024	Engineering, Technology & Applied Science Research	1792-8036	
18	Experimental and Numerical Comparison of Hydraulic Parameters of Ski-Jump Bucket Energy Dissipator	P R Modak, V S chavhan, S D Nagrale, S P Khedekar	2025	International Journal of Environmental Sciences	2229-7359	
19	Stabilization Of black cotton soil using construction and demolition Waste and natural fibers	S P Khedekar, J Navgire, S Sonaje, S Phulware, P Sude, R. Gadakh	2026	International Research Journal Of Modernization in Engineering Technology and Science	2582-5208	

Publication Details (Conferences)

S.No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
International Conference						
01	Feasibility Study of Replacement of Cement and Sand in Concrete and Mortar by ECOSPHERE	S P Khedekar, Shilpi Bhuinyan, K N Kulkarni	27 th August 2017	International conference on "Advancement in Engineering, Applied Science & Management"		MCCIA, Pune
02	Formulating a Soil Erosion Model & Accounting for its Effects on the Dam Capacity - Pavana Dam Catchment	K N Kulkarni, S P Khedekar, S S Bhuinyan	7 th January 2018.	International conference on "Advancement in Engineering, Applied Science & Management"		Institute of Engineers, Mumbai
03	Air Quality Assessment Using Artificial Intelligence Approaches: A Review	Sneha P Khedekar, Dr. Sunil B Thakare	25 th July, 2020	13 th International Conference on Recent Development in Engineering, Science, Humanities & Management	978-93-90103-05-8	
04	Deep Learning Methodologies and Applications in Artificial Intelligence: A Review	Sneha P Khedekar, Dr. Sunil B Thakare	18 th February, 2022	International Conference on Emerging Trends in Engineering, Science and Management (ICETESM-2021)		
National Conference						

01	Predictive Analysis and Design of Simulation	K N Kulkarni, S P Khedekar	14 th & 15 th February 2017	inSight'17		MIT, College of Management , Pune
02	Correlation Analysis of Atmospheric Pollutants & Meteorological Factors Using Statistical Tools In Pune, Maharashtra	S P Khedekar	17 th & 18 th April 2023	4 th National Conference on RECENT INNOVATIONS IN CIVIL ENGINEERING (RICE 2023)		Gokaraju Rangaraju Institute of Engineering and Technology (GRIET)

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	25

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
ICI	National	Life Membership	LM 9949
IWWA	National	Life Membership	LM-010248
ISTE	National	Life Membership	LM-134143
SESI	National	Life Membership	LM/2520/2021

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

S.No	Title	Type	Duration	Level (State/National / International)	Sponsoring Agency
01	Advanced Trends in Environmental and Transportation Engineering	Workshop	26 th March, 2018	State	Department of Civil Engineering, AISSMS COE, Pune in association with SPPU
02	Post graduate Conference 2016	Conference	09 th -10 th June 2016	University	BOS Civil Engineering, SPPU, Pune
03	Drafting of BE Civil Syllabus	Workshop	10 th June 2015	University	BOS Civil Engineering, SPPU, Pune
04	AISSMS Diva 2019	Program	1 day	State	AISSMS
05	Coffee & Conversation with Alumni	Webinar	27 th May, 2020	State	AISSMS COE
06	Workshop on Online Content Delivery for B. E. Civil (2015 Pat.)	Workshop	14/07/20 to 16/07/20	University	Department of Civil Engineering AISSMS COE In association With BOS, Civil Engg, SPPU
07	Hands on session- Digital Internship Program	Webinar	22 nd May, 2020	State	AISSMS COE
08	One-week Online Short Term Training Program on "Emerging Applications of GeogInformation System (EAGIS - 2020)"	STTP	30/11/20 to 05/12/20	National	AICTE sponsored
09	Paramarsh 2020 - Inauguration Ceremony	Program	1 day	State	AISSMS COE in association with SPPU
10	Paramarsh 2020 – Career after 12 th Science – Guidance & Counselling	Webinar	7 th July, 2020	State	AISSMS COE
11	One Week Students Development Program for SECivil (Specially for Direct Second year)	SDP	1/02/21 to 7/02/21	University	Dept of Civil Engg AISSMS COE
12	Poster Competition in 55 th Annual Convention of IWWA at Pune	Convention	20 th to 22 nd January, 2023	National	Department of Civil Engineering AISSMS COE In association IWWA
13	Earthquake Engineering and Vibration Control	AICTE- ATAL FDP	11/12/2023 to 16/12/2023.	National	Dept of Civil Engg AISSMS COE

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
01	AISSMS COE PUNE	One Week Students Development Program on “GATE Coaching with Tips and Tricks”	Regional	25/01/2021 to 31/01/2021
02	ABPCOER Anantrao Pawar College of Engineering	Workshop on implementation and execution of Third Year Civil Engineering 2019 Pattern Syllabus.	Regional	13/01/2022 to 15/01/2022.
03	55 th Annual Convention by Indian Water Works Association	Poster Competition – Vice Chairman	National	20 th to 22 nd January, 2022

Book Published

Sr No	Title with page Nos.	Book Title, editor & publisher	ISSN/ISBN No.	Type of Publisher
1	Basic Civil Engineering	Basic Civil Engineering	978-93-5850-968-7	National

Patent Published

Sr No	Title	National / International	Date of Filing	Status: Published/ Granted as on date	Patent file No.
1	Development of Sustainable Concrete for Structural Applications	National	30/10/2023	Published	2023310739 58
2	System and Method for estimating torsional strength of steel fiber reinforced concrete (SFRC)	National	09/10/2025	Published on 17/04/2026	2025210975 79 A

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1.	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	-
2.	One Day National Workshop On "Concrete Mix Design"	Workshop	04/06/21	K D K College of Engg Nagpur	-
3.	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	
4.	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	
5.	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, Savitribai Phule	
6.	"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	
7.	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
8.	Staff Development Program	FDP	22 nd – 23 rd Aug. 2016	AISSMS's COE Pune	AISSMS's COE Pune
9.	How to draft a Research Proposal	Workshop	31 st August 2017	ABMSP's Anantrao Pawar College of Engineering & Research, Pune	ABMSP's Anantrao Pawar College of Engineering & Research, Pune

10.	Application of Soft Computing Techniques in Civil Engineering	Workshop	21 st and 22 nd December 2017 .	Sinhgad Institute of Technology & Science, Narhe	Sinhgad Institute of Technology & Science, Narhe
11.	2 nd National Teachers Congress	Conference	10 th , 11 th and 12 th January 2018	MIT, PUNE	MIT, PUNE
12.	Research Methodology and Data Analysis	FDP	Sept 28 th - 29 th 2018	RSCOE, PUNE	RSCOE, PUNE
13.	The Effectiveness of Marketing Communications	Workshop	3 rd to 5 th July, 2019	AISSMS, PUNE	AISSMS, PUNE
14.	Water Management in India	Indo-German Conference	29 th May, 2017	AISSMS COE, ITI Boribhadak and VESBE	AISSMS COE, ITI Boribhadak and VESBE
15.	Outcome based Curriculum Design: Framework	FDP	14 December 2019	AISSMS COE PUNE	AISSMS COE PUNE
16.	Climate Change - Challenges, Adaptation and Mitigation	Workshop	23 and 24 Jan 2020	RSCOE, PUNE	RSCOE, PUNE
17.	Latex	FDP	28 th April to 04 th May 2020	AISSMS COE PUNE	AISSMS COE PUNE
18.	Open Foam	FDP	28 th April to 04 th May 2020	AISSMS COE PUNE	AISSMS COE PUNE
19.	Sci Lab	FDP	08 th June to 14 th June, 2020	AISSMS COE PUNE	AISSMS COE PUNE
20.	OBE- A Step towards excellence	FDP	11th May to 15th May 2020	GCE KARAD	GCE KARAD
21.	Machine Learning and Deep Learning Applications in Engineering and Science	FDP	16th May to 20th May, 2020	GCE KARAD	GCE KARAD
22.	Advances in Civil Engineering	FDP	26 th May to 30 th May, 2020	Nagpur Institute of Technology, Nagpur	Nagpur Institute of Technology, Nagpur
23.	Python + Django Framework"	FDP	20 th May to 02 nd June, 2020	APS Microtech Pvt Ltd	APS Microtech Pvt Ltd
24.	Technical Teacher's Training	FDTP	22 nd May to 27 th May, 2020	Vidyavardhini Institute Of Technology, Pal	Vidyavardhini Institute Of Technology, Pal
25.	Recent Trends In Civil Engineering Constructions	Workshop	30 th May to 31 st May, 2020	RSCOE, Pune	RSCOE, Pune

26.	Effective use of ICT tools for Efficient Online Teaching	Workshop	29 th May to 30 th May, 2020	PICT, Pune	PICT, Pune
27.	Research in Environmental Engineering & A Way Forward	FDP	15 th June to 20 th June, 2020	PCCOE, Nigdi	PCCOE, Nigdi
28.	MATLAB for ALL	STTP	4 th June to 8 th June, 2020	Sir M Visvesvaraya Institute Of Technology, Bangalore	Sir M Visvesvaraya Institute Of Technology, Bangalore
29.	Research And Publication Ethics	STTP	29 th June to 03 rd July, 2020	Ram Meghe Institute of Technology & Research, Amravati	Ram Meghe Institute of Technology & Research, Amravati
30.	Recent Trends in Civil Engineering & Construction Technology	STTP	8 th to 12 th June, 2020	Babasaheb Naik COE, Pusad	Babasaheb Naik COE, Pusad
31.	Advances in Highway Systems	Workshop	23 rd to 25 th June, 2020	Dayananda Sagar COE	Dayananda Sagar COE
32.	The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	Hands on workshop	18 th June to 24 th June, 2020	IIT Bombay	IIT Bombay
33.	Research Opportunities in Environmental Engineering	FDP	20 th July 2020 to 25 th July 2020	Bharati Vidyapeeth College of Engineering, Pune in association with S. B. Patil College of Engineering, Indapur, Pune	
34.	Amplifying proficiency in Advanced Civil Engineering	FDP	27 th July to 31 st July, 2020.	AISSMS IOIT, Pune	AISSMS IOIT, Pune
35.	Behavioral Practices for Maximum Personal Productivity	AICTE sponsored STTP	17 th August to 22 nd August 2020	Government Polytechnic, Nagpur	Government Polytechnic, Nagpur
36.	Recent innovations in Civil Engineering	FDP	24 th August to 29 th August 2020	Don Bosco Institute of Technology, Bangalore	FDP
37.	Disaster mitigation: A shift from disaster management towards disaster preparedness	STTP	7 th September to 12 th September, 2020	B.S. Abdur Rahman Crescent Institute of Science and Technology Chennai	B.S. Abdur Rahman Crescent Institute of Science and Technology Chennai

38.	Patent, Research paper and Copyright (WPRC)	Workshop	10 th September to 12 th September, 2020	G.H.Raisoni College of Engineering & Management, Wagholi, Pune.	G.H.Raisoni College of Engineering & Management, Wagholi, Pune.
39.	Outcome Based Education	FDP	10 th September to 12 th September, 2020	DYPIT, Pimpri, Pune.	
40.	Introduction to Research	NPTEL course	September- November 2020	NPTEL	NPTEL
41.	Application of BIM in Performance Assessment of Built Environment	STTP	19 th – 24 th October 2020	KIT'S COE, Kolhapur	KIT'S COE, Kolhapur
42.	Advances in Construction and Project Management	STTP	23 rd – 28 th November, 2020	Charotar University of Science and Technology (CHARUSAT)	Charotar University of Science and Technology (CHARUSAT)
43.	Predictive Analytics using Artificial Intelligence	STTP	14 th – 19 th December, 2020	NRI Institute of Technology, Agiripalli	NRI Institute of Technology, Agiripalli
44.	TECHNICAL WRITING & RESEARCH METHODOLOGY	STTP	28 th December 2020 – 02 nd January, 2020	Chaitanya Bharathi Institute of Technology Proddatur.	Chaitanya Bharathi Institute of Technology Proddatur.
45.	Recent Advancements in Concrete Technology	FDP	9 th January, 2021	AISSMS COE	AISSMS COE
46.	Unbox Research and Beyond Research-What Next?	FDP	28 th April to 05 th May 2021	DYPIT, Pimpri	DYPIT, Pimpri
47.	Latex Skill Certification Program	Workshop	11 th May to 13 th May, 2021	DYPIT, Pimpri	DYPIT, Pimpri
48.	Research Directions in Science and Technology	FDP	17 th May to 21 st May, 2021	DYPIT, Pimpri	DYPIT, Pimpri
49.	Stress Management	Course	21 st September to 25 th September, 2020	AICTE Training And Learning Academy	AICTE Training And Learning Academy
50.	Programming for Everybody (Getting Started with Python)	Course	20 th January, 2021	Coursera	Coursera
51.	Learn to Design your own Solar Home System	Course	30 th August, 2020	Energy Literacy Drive of the Energy Swaraj Foundation in association with AISSMS College of Engineering, Pune.	Energy Literacy Drive of the Energy Swaraj Foundation in association with AISSMS College of Engineering, Pune.

52.	Emerging Applications of Geographic Information System (EAGIS - 2020): Phase-3	STTP	14th Dec 2020 to 19th Dec 2020	AISSMS COE PUNE	AISSMS COE PUNE
53.	Research and publication ethics	STTP	29 June to 3 July, 2020	Prof Ram Meghe Institute of Technology & Research, Amravati	Prof Ram Meghe Institute of Technology & Research, Amravati
54.	Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.)	Workshop	22nd to 26th June, 2020	Sinhgad College of Engineering and SPPU	Sinhgad College of Engineering and SPPU
55.	Construction Projects Management with Innovative Tools & Techniques	Workshop	10 th August 2020.	SRM Institute of Science & Technology, Ramapuram, Chennai-89	SRM Institute of Science & Technology, Ramapuram, Chennai-89
56.	The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	Workshop	18 to 24 June 2020	IIT, Bombay	IIT, Bombay
57.	ATAL FDP on "Personal Effectiveness"	FDP	12-07-2021 to 16-07-2021	Govt. Engineering College, Thrissur	Govt. Engineering College, Thrissur
58.	ATAL FDP on "Recent Developments in construction Technology addressing Infrastructure and Coastal Engineering"	FDP	09-08-2021 to 13-08-2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
59.	ATAL FDP on "Engineering Optimization Techniques and its Applications (ENOTAA-2021)"	FDP	14-06-2021 to 18-06-2021	Government College of Engineering Aurangabad	Government College of Engineering Aurangabad
60.	ATAL FDP on "Air Pollution and Climate change (APCC-2021)"	FDP	20-09-2021 to 24-09-2021	S V National Institute Of Technology, Surat	S V National Institute Of Technology, Surat
61.	Orientation/Refresher Programme on "Outcome Based Education(In Orientation with NBA)"	Refresher Programme	13-12-2021 to 18-12-2021	D.Y.Patil College of Engineering, Pune.	D.Y.Patil College of Engineering, Pune.
62.	Workshop on implementation and execution of Third Year Civil Engineering 2019 Pattern Syllabus.	Workshop	13 to 15 Jan. 2022.	ABMSP Anantrao Pawar College of Engineering	ABMSP Anantrao Pawar College of Engineering
63.	AICTE - NITTT Course on Module 3 - Communication Skills, Modes & Knowledge Dissemination	Course	8 weeks Feb, 2022	AICTE - SWAYAM	AICTE - SWAYAM
64.	FDP on "Latest Trend of Research in Civil Engineering"	FDP	09-03-2022 to 14-03-2022	DYPIT, Pimpri	DYPIT, Pimpri

65.	STTP/Refresher Program on "Project Based Learning (PBL)"	STTP	21-02-2022 to 26-02-2022	AISSMS COE	AISSMS COE
66.	55 th Annual Convention – Indian Water Works Association	Convention	20-01-2023 to 22-01-2023	Department of Civil Engineering AISSMS COE In association with IWWA	IWWA
67.	Completed Two Weeks Faculty Development Programme on Advanced Pedagogy	FDP	06-02-2023 to 17-02-2023	NITTTR, Kolkata	NITTTR, Kolkata
68.	Completed training in "ENERGY LITERACY TRAINING " of the Energy Swaraj Foundation.	Training	10-04-2023	Energy Swaraj Foundation	
69.	AICTE-ISTE approved one week STTP on "Advancements and Application of Artificial Intelligence and Machine Learning"	AICTE-ATAL FDP	4th to 8th September, 2023	Smt.Kashibai Navale College of Engineering, Pune	Smt.Kashibai Navale College of Engineering, Pune
70.	FDP on "Low-cost Housing"	FDP	10 July – 14 July 2023	NITTTR Bhopal	NITTTR Bhopal
71.	One Week Faculty Development Programme on Air, Water Pollution and Health	FDP	31st July to 4th August, 2023	NITTTR, Kolkata	NITTTR, Kolkata
72.	NPTEL E-Awareness workshop	Workshop	August 18, 2023	NPTEL	NPTEL
73.	8-week FDP Accreditation And Outcome-Based Learning, organised by NPTEL.	NPTEL Course and FDP	Aug-Oct, 2023	NPTEL	NPTEL
74.	TFX - TRIZ 2023 conference	Conference	Nov 29 - Dec 1, 2023	AISSMS COLLEGE OF ENGINEERING & TRIZ	
75.	4 week FDP "Effective Engineering Teaching In Practice" organized by NPTEL.	NPTEL Course and FDP	January – February 2024	NPTEL	NPTEL
76.	1 week ISTE sponsored FDP on "Building sustainable infrastructure through Emerging Technologies in Civil Engineering"	FDP	10 th June to 14 th June, 2024	ISTE with APCOER, Pune	ISTE with APCOER, Pune
77.	1 week STTP on "Use of ICT to Build Capacity of Technical Teachers"	STTP	24 th June to 28 th June, 2024	NITTTR, Bhopal with Pune Local Centre	NITTTR, Bhopal
78.	1 week FDP on "Construction Project management"	FDP	18 to 22 nd Nov, 2024	NITTTR, Bhopal with Pune Local Centre	NITTTR, Bhopal

79.	8 weeks training on module 2 "Professional Ethics & Sustainability"	Training Program		NITTT	NITTT
80.	8 weeks training on module 3 "Communication Skills, Modes and Knowledge Dissemination"	Training Program		NITTT	NITTT
81.	8 weeks training on module 4 "Instructional Planning and Delivery"	Training Program		NITTT	NITTT
82.	1 week FDP on "Role of Artificial intelligence and Automation in Civil Engineering"	FDP	24 to 28 th March, 2025	DYPIT, Pimpri	DYPIT, Pimpri
83.	National workshop on "AI tools application in optimization in Civil Engineering"	Workshop	17 and 18 March 2025	APCOER, Pune	APCOER, Pune
84.	Generative AI	FDP	04/08/2025 to 09/08/2025	Department of Information Technology, AISSMS Polytechnic	ATAL
85.	8 weeks training on module 1 "Orientation Towards Technical Education and Curriculum Aspects"	Training Program		NITTT	NITTT
86.	8 weeks training on module 5 "Technology Enabled Learning & Life Long Self Learning"	Training Program		NITTT	NITTT
87.	8 weeks training on module 6 "Student Assessment and Evaluation"	Training Program		NITTT	NITTT
88.	8 weeks training on module 7 "Creative Problem Solving , Innovation and Meaningful R & D"	Training Program		NITTT	NITTT
89.	8 weeks training on module 8 "Institutional Management & Administrative Procedures"	Training Program		NITTT	NITTT
90.	Integrated Water Resources Management: Modelling and Flood Decision Support Systems	FDP	23.03.2026 to 27.03.2026	AISSMS COE	ISTE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1.	Central Member of NAAC Criteria-2
2.	Member, Departmental Committee of NBA Criteria 4, Criteria-8 and Criteria-10
3.	Worked in Central Core Committee for ET 2017, ET 2018, ET-2019, ET-2022, ET-2023

4.	Examination Co-ordinator for 2018-19 and 2019-20
5.	Central Committee Member for "Registration" for "AVISHKAR-2018 & 2019"
6.	Central Committee Member for "Registration" for "Convocation Ceremony-2018 & 2019"
7.	Institute level member of Media Committee.
8.	Central level Variety Entertainment Committee for "Shivanjali and Ashwamedh 2020
9.	Organized Departmental Model and Poster making competition for A.Y. 2017-18 and 2018-19.
10.	NBA Co-Coordinator of Department
11.	PBL Co-ordinator of Department
12.	Central level Variety Entertainment Committee and chairman for Prize Distribution committee for "Shivanjali 2023 and Ashwamedh 2020
13.	Special Recognition for the work done in Media Committee by Chhatrapati Malojiraje for A.Y. 2018-19, 2019-20, 2020-21 and 2022-23.
14.	Worked as a Central Committee Member for Stage Decoration for First Regional Conclave of Students' Chapter of The Institution of Engineers (India) for Western Region organized by AISSMS COE Pune on 9th and 10th December, 2021.
15.	Co-ordinated the event "Make my pitch" in Engineering Today, Organized by Department of Civil Engineering on 29th and 30th September, 2021.
16.	Prepared Admission Brochure Booklet and Standee of Civil Engineering Department for FE and Direct SE Admission 2021-22
17.	Chairman for Central level Stage and Anchoring Committee for Shivanjali 2022.
18.	Organized "Jyotirlingam" as a committee member of Reception & Hospitality.
19.	Organized "Central Alumni meet 2023" as a committee member of Printing & Publicity.
20.	Organized "ICOGE 2023" as a committee member of Event Management.
21.	Co-ordinated the program arrangement of Shahu Football Trophy 2023.
22.	Alumni Co-ordinator of Department
23.	Autonomy co-ordinator of department
24.	Organizing Committee member in Conclave 2025 organized by AISSMS College of Engineering.

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

Dr. Sneha P Khedekar

(Name with Signature)