Department of Chemical Engineering

Faculty Profile



Ms Hemlata L Kamble
ME (Chemical Engineering)
Assistant Professor
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Research Areas/ Areas of Interest

Mass Transfer Operations

Personal Details

Date of Birth :	16 / 04 / 1974	**Domicile :**	Maharashtra
Gender :	Female	**Blood Group:**	O +ve

Contact Details: Department of Chemical Engineering, All India Shri Shivaji Memorial Society's College of Engineering, Pune-411001

Academic Background

S.No.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.E.	Chemical Engineering	Pune	Ist	2017
2	B. Tech.	Chemical Engineering	Nagpur	Ist	1997

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	28	-
2	Research	-	_
3	Industry	_	_
4.	Others	--	--
Total		**28**	**-**

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Chemical Engineering Mathematics	UG	TE (Chemical)	20
2	Mass Transfer-II	UG	TE (Chemical)	15
3	Chemical Reaction Engineering-I	UG	TE (Chemical)	01
4	Computer Aided Chemical Engineering-I	UG	TE (Chemical)	10
5	Process Dynamics & Control	UG	BE (Chemical)	10
6	Environmental Engineering	UG	BE (Chemical)	01
7	Heat Transfer	UG	SE (Chemical)	04
8	Process Calculation	UG	SE (Chemical)	02
9	Process Modeling and Simulation	UG	BE (Chemical)	01
10	Fluid Mechanics	UG	SE (Chemical)	04
11	Chemical Engineering Thermodynamics-I	UG	SE (Chemical)	01
12	Process Optimization	PG	ME(Chemical)	02
13	Mathematical and Statistical Methods	PG	ME(Chemical)	04

Research Publications

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

Publication Details (Journals)

S. No.	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher

Publication Details (Conferences)

S. No.	Document Details	Authors	Year	Conference Details	ISBN	Organized by

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	120

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
ISTE	National	Life Member	LM 40749

Patents/IPR Filed/Granted

S. No.	Investigator Detail	Title	Year	Status (Filed/Granted)	Details

Books Published

S. No.	Title	Name of the Publisher	ISBN/ISSN Number

Research Grants Received

S. No.	Program	Duration	Funding Agency	Grant Amount
1.	Research Proposal titled "Reactive Distillation"	2012-14	BCUD, SPPU, Pune	INR1.0 Lacs

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
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Details of Worshop/STTP/FDP/Seminar / Conferences Organized

S. No.	Title	Type	Duration	Level (State/National /International)	Sponsoring Agency
01	Environment and Green Technology for Sustainable Development	Organizing Committee	January 18-19, 2019	National Seminar	Chem. & Civil Engg. Dept., AISSMSCOE
02	Advances in Chemical Reactor Design	Organizing Committee	February 27-28, 2017	National Seminar	Dept. of Chemical Engg, AISSMSCOE , Pune
03	Water Management in India	Organizing Committee	May 29, 2017	Indo-German International Conference	Dept. of Chemical and Civil Engg, AISSMSCOE , Pune

Details of Worshop/STTP/FDP/Conferences Attended

S. No.	Title	Type	Duration	Organizer	Sponsoring Agency
1	"Sustainable Waste and Water Management for a Cleaner Environment"	FDP	16-03-2026 to 21-03-2026	Department of Chemical Engineering, AISSMS College of Engineering, Pune	ISTE sponsored
2	Constrained and Unconstrained Optimization	FDP (AICTE Approved FDP NPTEL course)	Jan-Apr, 2026 (12 week)	IIT Madras and MHRD Govt. of India	MHRD Govt. of India
3	Artificial Intelligence in Industrial and Management Engineering	FDP (AICTE Approved FDP NPTEL course)	Aug-Oct 2025 (8 week)	IIT Madras and MHRD Govt. of India	MHRD Govt. of India
4	"Process Intensification: Sustainability in Chemical Engineering"	FDP	07- 11 April 2025	Department of Chemical Engineering , Datta Meghe College of Engineering, Navi Mumbai	IIChE-MRC
5	Human Behaviour	FDP (AICTE Approved FDP NPTEL course)	Feb-Apr 2025 (8 week)	IIT Madras and MHRD Govt. of India	MHRD Govt. of India
6	The Science of Happiness and Wellbeing	FDP (AICTE Approved FDP NPTEL course)	Feb-Apr 2025 (8 week)	IIT Madras and MHRD Govt. of India	MHRD Govt. of India
7	Project Based Learning	STTP	21 -26 Feb 2022	AISSMS COE	
8	Outcome Based Teaching-Learning	FDP	21- 25 March 2022	Pravara Rural Engineering College	
9	Advances in food and value addition of grains	FDP	23 – 27 August 2021	Indian Institute of Food Processing Technology	ATAL Academy

10	Software Based Case Studies for Development of Multidisciplinary Projects	FDP	22 -26 November 2021	AISSMS COE	
11	Foregrounding the spectrum of Character Building in Modern Human Life	FDP	25 June – 03July, 2021	Department of Humanities and Sciences, Balaji Institute of Technology & Science	
12	Application Oriented Advanced Functional Nanocomposites (AOAFNC - 2021)	FDP	26 – 30 July 2021	SCOE, Pune	
13	Promoting Quality Culture in Technical Institutions	FDP	25-29 May2020	AISSMS College of Engg, Pune under UGC ParamarshScheme	AISSMS CollegeofEngg, Pune
14	IITB Spoken Tutorial on Moodle- Learning Management System.	FDP	13-17 May 2020	Department of E&TC Engineering of STES's SKNCOE, Pune in association with IITB Spoken Tutorial	
15	Research in Environmental Engineering and A way Forward	FDP	15-20 June, 2020	Department of Civil Engineering, PCCOE Pune in association with Environment Conservation Association	
16	Empower in Adopting Outcome Based Teaching Tools, Techniques & Methodologies"	Workshop	29-30 June, 2020.	Department of Applied Science, PIET in association with Vihangam Techno Holistic Organization, Pune	
17	VISION-MISSION-PEO-PSO-PO-CO: Framing, Mapping, Assessment and attainment.	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE

18	Health Awareness at Workplace	FDP	11 October 2019	AISSMS College of Engg, Pune	ISTE
19	Optimization in Chemical Engineering	FDP (AICTE Approved FDP NPTEL course)	Jan-Apr 2020 (12 week)	IIT Kharagpur and MHRD Govt. of India	MHRD Govt. of India
20	Chemical Process Control	NPTEL Course	Feb-April 2019 (8 weeks)	IIT Bombay and MHRD Govt. of India	MHRD Govt. of India
21	Nanostructured Materials in Catalysis	Workshop	25-29 March, 2019	Department of Chemical Engineering and Department of Engineering Sciences, Sinhgad College of Engineering, Pune	
22	Advanced trends in Transportation and Environmental Engineering	Workshop	26 March, 2018	Department of Civil Engineering	SPPU
23	Water Management in India	Indo- German Conference	29 May, 2017	AISSMS COE, ITI Boribhadak and VESBE, Germany	
24	Institutional Training Programme	Workshop	Oct 4, 2012	PCRA, Ministry of Petroleum and Natural Gas, Government of India	
25	Chemical Engineering Laboratory	Workshop Cum Training Course	Sept 28-Oct 2, 2011	ICT, Mumbai	–

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Senior Supervisor SPPU Examination
2	GFM
3	Student Activities Coordinator
4	Department Exam Coordinator
5	Department NSS Coordinator
6	Department Alumni Coordinator

Awards Received

S. No.	Awards
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Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Mrs. Hemlata L Kamble