



Department of Chemical Engineering

Faculty Profile

Ms Kanchan N Bawankar

ME (Chemical Engineering)

Assistant Professor

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🔗 <https://scholar.google.com/citations?user=C6-YLmlAAAAJ&hl=en>

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ResearchAreas/ Areas of Interest

Wastewater Treatment, Sugar manufacturing

Personal Details

Date of Birth : 12 / 02 / 1982

Domicile : Maharashtra

Gender : Female

Blood Group: B+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 Engg.	Pune	1 st	2008
2	B. Tech.	Chemical Tech.	Nagpur	1 st	2003

Work Experience

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

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Heat Transfer	UG	SE (Chemical)	1
2	Mass Transfer-I	UG	TE (Chemical)	12
3	Chemical Reaction Engg-I	UG	TE (Chemical)	4
4	Mechanical Operations	UG	SE (Chemical)	7
5	Environmental Engg.	UG	BE (Chemical)	3
6	Advanced Reaction Engineering	PG	ME (Chemical)	4

7.	Research Methodology	PG	ME (Chemical)	2
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Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	—	03	—	—	—
Conferences	08	—	—	—	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	Combined removal of Rh B and Rh 6G from wastewater using novel treatment approaches based on ultrasonic and ultraviolet irradiations	Shruti Hinge, Manas Orpe, Kapil Sathe, Gaurav Tikhe, Kanchan N Bawankar , Ashish V Mohod, Parag R Gogate	2016	Desalination and water treatment, 57(2016)1-13,issue-50		
2	Degradation of magenta dye using different approaches based on ultrasonic and ultraviolet irradiations: Comparison of effectiveness and effect	Yogesh S Karanjkar, Raveena M Dinde, Nikita M Dinde, Kanchan	2015	Ultra. Sono.,27 (2015)117-124	ISSN 1350-4177	Elsevier

	of additives for intensification	NBawankar , Shruti P Hinge, Ashish V Mohod, Parag R Gogate				
3	Removal of patent blue V dye using air bubble-induced oxidation based on small glass balls: Intensification studies	Deepika D Mahale, Nilesh N Patil, Diksha S Zodge, Priyanka D Gaikwad, Bernali Banerjee, Kanchan N Bawankar , Ashish V Mohod, Parag R Gogate	2015	Desalination and water treatment, 57(2016)1-13		

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Intensified degradation of dye using ultrasound	Shital Bangadkar, ManishaKhedekar, Kanchan	2015	SCHEMCON		MAE, Alandi,Pune

	and ultraviolet irradiation	Bawankar ,Ashish Mohod,				
2	Intensified synthesis of medium chain triglycerides using advanced techniques	Shahbaz Shaikh, Akash Thute, Nileema Bokhale, Pratiksha Gadekar Kanchan Bawankar , Ashish Mohod,	2015	SCHEMCON		MAE, Alandi,Pune
3	Removal of Rhodamine 6G from Wastewater Using Solar Irradiations in the Presence of Different Additives,	Saurabh Patil, Kiran Shinde, Macarenhas Delton, Kanchan Bawankar ,Ashish Mohod	2015	SCHEMCON		MAE, Alandi,Pune
4	Sonocatalytic and Sonophotocatalytic Degradation of Rh 6G Containing Wastewater,	Merlin Velloore, Mayuri Dhuri, Kanchan Bawankar , Ashish Mohod	2015	SCHEMCON		MAE, Alandi,Pune
5	Treatment of mixture of two textile dyes i.e. Rhodamine B and Rhodamine 6G using AOPs	Kapil Sathe, Manas Orpe, Kanchan Bwankar , Ashish Mohod,	2014	FTWM-		AISSMS COE, Pune
6	Removal of Rhodamine B and Rhodamine 6G from the mixture	Diksha Zodge, Priyanka Gaikwad, Ritu Kale, Kanchan	2014	SCHEMCON		IOT, Haldia

	using Ultrasonic Irradiation,),	Bawankar, Mohod,				
7	Removal of dyes from the mixture using ultraviolet irradiation,	Gaurav Tikhe, Nikita Dinde, Kanchan Bawankar, Ashish Mohod	2014	SCHEMCON		IOT, Haldia
8	Treatment of mixture of two textile dyes i.e. Rhodamine B and Rhodamine 6G using AOPs	Kapil Sathe, Manas Orpe, Kanchan Bwankar, Ashish Mohod	2014	SCHEMCON		IOT, Haldia

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	22

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
IChE, Kolkata, India	National	Life	LM 51546

Patents/IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	-	-	-	-	-

Books Published

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

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1.	-	-	-	-

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

S. No	Title	Type	Duration	Level (State/National / International)	Sponsoring Agency
1	Scope of Piping Engineering in Oil and Gas Sector	Webinar	1hr	National	-
2	Interview Preparation	Webinar	1hr	National	
3	Advanced Tools Utilization in Plant Design Engg.	Webinar	1hr	National	-
4	Yoga Techniques for Healthy Mind and Body	Webinar	1hr	International	-
5	Piping Engineering in Oil and Gas Industry	Webinar	1hr	International	-
6	Safety Devices for Process Equipment	Webinar	1hr	International	-
7	Refinery Overview	Webinar	1hr	National	-
8	Institutional Training Programme	Workshop	1day	National	PCRA, Ministry of Petroleum

					and Natural Gas, Government of India
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Contribution as Resource Person

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

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	FDP on Recent Trends in Green Technology and Materials	Online	1 week	SCOE, Pune	
2	FDP on Software Based Case Studies For Development Multi-Disciplinary Projects	Offline	5 days	AISSMS COE, Pune	
3	Event Management	Online FDP	Dec 7- Dec 11,2020	North-Eastern Hill University, Shillong	ATAL Academy
4	Online Teaching	Online Course	July- Sept 2020	IUCEE Team of Faculty	–
5	W2 :Evolving and aligning teaching learning process for implementing engineering curriculum	Webinar	July 9,2020	NITTR, Bhopal	–

6	Assesement of Cos- POs- PSOs	Webinar	July 21,2020	NITTR, Bhopal	_
7	Vision-Mission-PEO-PSO- PO-CO: Framing, Mapping, Assessment and Attainment	FDP	June 10-15, 2019	AISSMS College of Engg, Pune	ISTE
8	Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education	Online FDP	June1- 5, 2020	AISSMSCOE, Pune	_
9	Sustainable Development through Green Technology	Workshop	April 28-29,2019	Bharati Vidyapeeth College of Engg. Pune	_
10	Rubber Technology	Workshop	Jan 7-8,2016	Department of Polymer Engg., MIT, Kothrud, Pune	_
11	Frontier Technologies in Waste Management	National Conference	Jan 15-17,2014	AISSMS COE, Pune	_
12	10 th Annual Session Students Chemical EngineeringCongress SCHEMCON 2014	Conference	Sept19-20,2014	Haldia Institute of Technology, Haldia, WB	_
13	Computational Fluid Dynamics	Workshop	March 22,1013	AISSMS COE, Pune	_
14	Faculty Development Programme	FDP	June 10-12 ,2013	AISSMS COE, Pune	_

15	Institutional Training Programme	Workshop	Oct 4, 2012	PCRA, Ministry of Petroleum and Natural Gas, Government of India	PCRA Conservation
16	Chemical Engineering Laboratory	Workshop Cum Training Course	Sept 28-Oct 2, 2011	ICT, Mumbai	-

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities

Awards Received

S. No.	Awards
-	-

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

Ms Kanchan N Bawankar

(Name with Signature)

