



## Department of Chemical Engineering

### Faculty Profile

#### Ms Kanchan N Bawankar

ME (Chemical Engineering)

Assistant Professor

✉ [knbawankar@aiissmscoe.com](mailto:knbawankar@aiissmscoe.com)

☎ (020) 26058587; Extn: 1213

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

🌐 <https://www.linkedin.com/in/kanchan-bawankar-209b2323/>



#### 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	I <sup>st</sup>	2008
2	B. Tech.	Chemical Tech.	Nagpur	I <sup>st</sup>	2003

## Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	16	3
2	Research	-	-
3	Industry	-	-
4.	Others	--	--
<b>Total</b>		<b>16</b>	<b>3</b>

## 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)	13
3	Chemical Reaction Engg-I	UG	TE (Chemical)	4
4	Mechanical Operations	UG	SE (Chemical)	10
5	Environmental Engg.	UG	BE (Chemical)	3
6	Advanced Reaction Engineering	PG	ME (Chemical)	4

7.	Research Methodology	PG	ME (Chemical)	4
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### Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
<b>Journals</b>	–	03	–	–	–
<b>Conferences</b>	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, <b>Kanchan NBawankar</b> , 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, <b>Kanchan</b>	2015	Ultra. Sono.,27 (2015)117-124	ISSN 1350-4177	Elsevier

	of additives for intensification	<b>NBawankar</b> , 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, <b>Kanchan N Bawankar</b> , 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, <b>Kanchan</b>	2015	SCHEMCON		MAE, Alandi,Pune

	and ultraviolet irradiation	<b>Bawankar</b> , Ashish Mohod,				
2	Intensified synthesis of medium chain triglycerides using advanced techniques	Shahbaz Shaikh, Akash Thute, Nileema Bokhale, Pratiksha Gadekar <b>Kanchan Bawankar</b> , 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, <b>Kanchan Bawankar</b> , Ashish Mohod	2015	SCHEMCON		MAE, Alandi, Pune
4	Sonocatalytic and Sonophotocatalytic Degradation of Rh 6G Containing Wastewater,	Merlin Velloore, Mayuri Dhuri, <b>Kanchan Bawankar</b> , 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, <b>Kanchan Bawankar</b> , Ashish Mohod,	2014	FTWM-		AISSMS COE, Pune
6	Removal of Rhodamine B and Rhodamine 6G from the mixture	Diksha Zodge, Priyanka Gaikwad, Ritu Kale, <b>Kanchan</b>	2014	SCHEMCON		IOT, Haldia

	using Ultrasonic Irradiation, ),	<b>Bawankar,</b> Mohod,				
7	Removal of dyes from the mixture using ultraviolet irradiation,	Gaurav Tikhe, Nikita Dinde, <b>Kanchan Bawankar,</b> 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, <b>Kanchan Bwankar,</b> 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	-	-	25

#### 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	Empowering Engineers: Navigating Life After College with Confidence	Workshop	3hrs	National	
2	E - Resources: A Gateway to Research	Webinar	1hr	National	
3	Introduction to Energy Integration	Webinar	1hr	National	
4	Scope of Piping Engineering in Oil and Gas Sector	Webinar	1hr	National	
5	Interview Preparation	Webinar	1hr	National	
6	Advanced Tools Utilization in Plant Design Engg.	Webinar	1hr	National	

7	Yoga Techniques for Healthy Mind and Body	Webinar	1hr	International	
8	Piping Engineering in Oil and Gas Industry	Webinar	1hr	International	
9	Safety Devices for Process Equipment	Webinar	1hr	International	
10	Refinery Overview	Webinar	1hr	National	
11	Institutional Training Programme	Workshop	1day	National	PCRA,



## Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
	–	–	–	–

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

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	“Industrial Waste Water Management	Online	5 days	Haldia Institute of Technology, Haldia, West Bengal,	
2	FDP on PROCESS INTENSIFICATION IN CHEMICAL ENGINEERING”,	Online	5 days	VIT Pune	
3	FDP on Recent Trends in Green Technology and Materials	Online	1 week	SCOE, Pune	
4	FDP on Software Based Case Studies For Development Multi-Disciplinary Projects	Offline	5 days	AISSMS COE, Pune	
5	Event Management	Online FDP	Dec 7- Dec 11,2020	North-Eastern Hill University, Shillong	ATAL Academy
6	Online Teaching	Online Course	July- Sept 2020	IUCEE Team of Faculty	–

7	W2 :Evolving and aligning teaching learning process for implementing engineering curriculum	Webinar	July 9,2020	NITTR, Bhopal	_
8	Assesement of Cos-POs-PSOs	Webinar	July 21,2020	NITTR, Bhopal	_
9	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	June 10-15, 2019	AISSMS College of Engg, Pune	ISTE
10	Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education	Online FDP	June1-5, 2020	AISSMSCOE, Pune	_
11	Sustainable Development through Green Technology	Workshop	April 28-29,2019	Bharati Vidyapeeth College of Engg. Pune	_
12	Rubber Technology	Workshop	Jan 7-8,2016	Department of Polymer Engg., MIT, Kothrud, Pune	_
13	Frontier Technologies in Waste Management	National Conference	Jan 15-17,2014	AISSMS COE, Pune	_

14	10th Annual Session Students Chemical Engineering Congress SCHEMCON 2014	Conference	Sept 19-20, 2014	Haldia Institute of Technology, Haldia, WB	–
15	Computational Fluid Dynamics	Workshop	March 22, 2013	AISSMS COE, Pune	–
16	Faculty Development Programme	FDP	June 10-12, 2013	AISSMS COE, Pune	–
17	Institutional Training Programme	Workshop	Oct 4, 2012	PCRA, Ministry of Petroleum and Natural Gas, Government of India	PCCR o Anservati
18	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)