



Department of Chemical Engineering

Faculty Profile

Prof.(Dr) Manjusha Sunil Deshpande

PhD (Organic Chemistry)

Professor in Chemistry

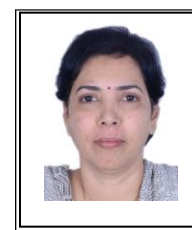
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🌐 <https://scholar.google.co.in/citations?user=8nTGMEgAAAAJ&hl=en>

🌐 <https://www.linkedin.com/in/xxxx-xxxxxx-93b335b5/>



Research Areas / Areas of Interest

Heterocyclic compounds as potential drugs, Synthesis of antituberculosis drugs

Personal Details

Date of Birth : 09 / 10 / 1959

Domicile: Gujarat

Gender : Female

Blood Group: B+ve

Contact Details: " Rishi " C-10, Varsha Park, Baner Road, Near Green Park Hotel,
Bhairavi Hotel Lane, Pune – 411045

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Organic Chemistry	Gujarat University	--	Jan 1988
2	M.Sc..	Organic Chemistry.	Sardar Patel University	I st	May 1982
3	B.Sc.	Chemistry	Gujarat University	I st	May 1980

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	1x27	11
2	Research	07	00
3	Industry	-	-
4.	Others	--	--
Total		1x34	11

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Applied Science I & II	UG	FE (Common)	04
2	Organic & Inorganic Chemistry	UG	SE (Chemical)	06
3	Physical Chemistry	UG	SE (Chemical)	06
4	Industrial Chemistry	UG	SE(Chemical)	06

5	Chemistry I & II (2003)	UG	SE (Chemical)	05
6	Chemistry I & II (2008)	UG	SE(Chemical)	05
7	Chemistry I & II (2013)	UG	SE (Chemical)	05
8	Research Methodology	PG	FYME (Chemical)	03

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	04	02	01	-	-
Conferences	06	01		-	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	Technology and Economics of Point of use Reverse Osmosis Drinking Water Filters	MS Deshpande, S N Tirthakar	2007	Volume 2007-08 No 4		Journal of the IPHE, India
2.	Magnetic Ion Exchange Process for Dissolved Organic Carbon Removal from Raw Water	MS Deshpande, S N Tirthakar	2008	Volume 2008-09 No 1		Journal of the IPHE, India
3.	Master Plan 2025 of Pune Municipal Corporation for Sewage Treatment and Disposal	MS Deshpande, S N Tirthakar		Volume 2009-10 No 2		Journal of the IPHE, India
4.	Manjusha S Deshpande Snehal Bomble	Targeting and		Volume 3, No 3		International Journal of

		Synthesizing new Anti-tuberculosis Agents for use as Drug		2013		Chemistry and Chemical Engineering

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Challenges in development of new anti-tuberculosis agents.	Kavita R Darvekar, Dr J A Kher, Dr (Mrs) M S Deshpande, Dr Y. P Patil, APCOER	2016	APCOER		APCOER
2		M S Deshpande, Snehal Bomble	2015	Tetrahedron Symposium Challenges in Biorganic and Organic Chemistry		
3	Synthesis of New Antituberculosis Drugs	Manjusha S Deshpande	2014			
4	Challenges in extensively Drug Resistant Tuberculosis and Synthesis of New	Manjusha S Deshpande	2013			

	Antituber culosis Drugs					

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	31

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Science Congress	National	Life	LM22572
ISTE	National	Life	LM8297

Patents / IPR Filed / Granted

S. No	Investigator Details	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.	“Synthesis of New Anti-tuberculosis Drugs”	2012-14	BCUD, SPPU, Pune	INR3 Lacs
2.	Studies of some novel Anti-mycobacterium agents’.	2016-18	BCUD, SPPU, Pune	INR2.3 Lacs

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01					

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	Spoken Tutorial Project Processing usingDWSIM	Work shop	28 April- 04 May 2020	AISSMS COE IIT Mumbai Spoken Tutorial	ICT MHRD
2	Advance teaching tools Techniques and Metodologies for Outcome based Education	FDP	1-5 June 2020	AISSMS COE	ISTE & IEI
3	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE

	Attainment				
4	Virtual Lab	Work shop	4 Aug 2017	AISSMS COE	
5	Water Management in India	Conf erence , National	29 May 2017	AISSMS COE	VESBE
6	Advances in Chemical Reactor Design	Seminar, National	27-28 Feb 2017	AISSMS COE	SPPU
7	Zero defect Quality Improvement in Industries	Seminar, State	4-5 March 2016	AISSMS COE	SPPU
8	Intensification of Chemical Process using Novel Reactors	Seminar, State	9-10 and 28 an 2015	AISSMS COE	SPPU


Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1.	Grivance Redressal Committee Chairman
2.	NAAC Criteria I, Coordinator
3.	HOD Engineering Sciences
4.	FE Coordinator
5.	Forum of Science and Technolog Coordinator
6.	Entrepreneurship Coordinator
7.	Library Faculty advisor

Awards Received

S. No.	Awards
1.	Award of Excellence, 2015

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



Dr Manjusha S Deshpande

(Name with Signature)