AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय

Approved by AICTE, New Delhi, Recognized by Government of Maharashtra
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(Id.No. PU/PN/Engg./093 (1992)
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes

Department of Chemical Engineering

Faculty Profile



Prof. P M Warke
ME (Chemical Engineering)
Assistant Professor
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(020) 26058587; Extn: 1220

Research Areas / Areas of Interest

Process Equipment Design, Wastewater Treatment

Personal Details

Date of Birth :	22 /09/1968	**Domicile:**	Maharashtra
Gender :	Male	**Blood Group:**	A+ve
Contact Details:	A-401, Aarav Cooperative Housing Society Ltd., Behind Shri. Mhatoba Temple, Kothrud, Pune-411038.		

Academic Background

S. N0.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	BE	Chemical Engg.	Pune	61.4	1994
2	ME	Chemical Engg.	Savitribai Phule, Pune	8.010 C.G.P.A.	2017

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	32	02
2	Research	04	--
3	Industry	---	----
4.	Others	--	--
Total		**32**	**02**

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Mechanical Operations	UG	SE (Chemical)	07
2	Chemical Engineering Design II	UG	BE (Chemical)	08
3	Process Engineering Costing & Plant Design	UG	BE (Chemical)	08
4	Enviornmental Engineering	UG	BE (Chemical)	01
5	Chemical Process	UG	BE (Chemical)	04

	Safety			
6	Chemical Reaction Engineering I	UG	TE (Chemical)	01
7.	Mass Transfer II	UG	TE (Chemical)	01
8.	Chemical Engineering Thermodynamics	UG	TE (Chemical)	01
9.	Chemical Engineering Thermodynamics II	UG	TE (Chemical)	02
10.	Petroleum Refining	UG	BE (Chemical)	01
11.	Biochemical Engineering	UG	BE (Chemical)	02
12.	Advanced Separation Processes	PG	ME & M. Tech. (Chemical)	03
13	Advanced Reaction Engineering	PG	ME (Chemical)	

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	---	-----	------	----
Conferences	10	02	01	---	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	Pharmaceutical Wastewater Treatment by Advanced Oxidation Processes	Tejas S. Velapure, M Y Naniwadekar, P M Warke	2025	Volume 13, Issue 6	ISSN: 10123407	Journal of Technology

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Air cyclone separator (Enhancement for cyclone separator design for air pollution control)	*P M Warke*	2014	National Conference on 'Frontier Technologies in Waste management'		Department of Chemical Engineering, AISSMS COE, Pune in association with **VESBE Germany** &sponsored by AICTE,New Delhi
2.	'Photocatalytic treatment of wastewater by using immobilized TiO 2 nanoparticles'	P.M.Warke, Dr.K.R.Jethani, Dr.S.M.Jadhav	2018	Souvenir of International Conference BVU NANOCON018		BVCOE, Pune
3.	'Treatment of wastewater by using Zinc Oxide nanoparticles'	*Prashant Ghodekar, P.M. Warke*	2018	Souvenir of International Conference BVU NANOCON018		BVCOE, Pune
4.	Treatment of phenolic pollutants by using large	*P.M. Warke*	2016	National Conference on Energy		Department of Chemical Engineering,

	scale Photocatalytic Reactor			&Environment sponsored by TEQUIP-II on March 26-27,2016		BV University's COE Pune

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	**-**	---	134

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Indian Society for Technical Education	National	Life	LM- 30574
Bureau of Indian Standards	National	Life	'Standards' Club (SC-936)

Patents / IPR Filed / Granted

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

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

S. No	Program	Duration	Funding Agency	Grant Amount
1.	Research Project- Design of Bioreactor	2007-09	BCUD, SPPU, Pune	Rs. 1.0 Lakh
2	Research Project- Biomass Fermentation in 5 lit. stirring Bioreactor	2011-13	BCUD, SPPU, Pune	Rs. 0.80 Lakh
3	Treatability Study of Paint Industry Effluent	2025-26	A.T.E. HUBER Envirotech Pvt. Ltd. Mumbai	About Rs. 3.50 Lakh including testing and consultancy, paid internship for 08 Students in TE Chemical, Equipment for UV-Photocatalysis, glassware, apparatus, gloves and masks for students chemicals/material

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

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

				International)	
01	Organizing member in two day ‘ Bioprocess Engineering’	Symop sium	Two days	National	AISSMS COE, Pune
2.	Organizing member in‘Frontier Technologies in Waste management’	Confer ence	Three days	National	AISSMS COE, Pune & VESBE Germany
3.	.Online Entrepreneurship Development	Works hop	Half day	State	AISSMS COE, Pune

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	BVCOE, Pune	as a Judge in competition of HACKETHON on Solving Industrial Problems	National	February 2019
2	MAE, Alandi	Judge for the ‘PRAKALP’ project competiotion	International	Februray 2024

Details of Worshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Online FDP on ‘Promoting Quality Culture in Technical Institutions’	Natio nal	One week	AISSMS COE, Pune	
2	Online FDP on ‘ Research in Environmental	Natio nal	One week	PCCOE, Akurdi Pune	

	Engineering – A way forward'				
3	Online FDP on 'Advanced teaching tools, techniques and methodology for OBEs'	Nationa l	One week	AISSMS COE, Pune	
4	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1.	Department Coordinator - Centre for Industrial Training and Placement
2.	Department Coordinator- Industry Institute Interaction Cell
3	Coordinator- Industry Institute Interaction Cell, AISSMS COE, Pune
4	Associate Dean- Industry Institute Interaction Cell, AISSMS COE, Pune
5	Faculty Coordinator and Principal Investigator for the R&D Consultancy Projects on Effluents from various Chemical Industries under the MOU on 03/02/2026 between AISSMS COE,Pune and A.T.E. HUBER Envirotech Pvt. Ltd., Mumbai (A Company in the group HUBER, Germany)

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.

Mr. P M Warke

(Name with Signature)