

FACULTY PROFILE

FACULTY NAME: Samir C. Nimkar
DATE OF BIRTH: 01/11/976
UNIQUE ID: 1-465974966
E-MAIL ID: scnimkar@yahoo.com
DESIGNATION: Lecturer
QUALIFICATION: Ph. D (Chemical Engineering)
WORK EXPERIENCE:

- **TEACHING:** 22 yrs
- **INDUSTRY:**



AREA OF SPECIALIZATION: Chemical Engineering

STATUS (Permanent/ Adhoc): Permanent

MEMBERSHIP OF PROFESSIONAL BODIES:

Sr. No.	Name	Membership No.
1	The Institution of Engineers (India)	LM 143667
2	Indian Institute of Chemical Engineers	LM 21921
3	India Society of Technical Education	LM 38354

COURSES TAUGHT IN LAST THREE YEARS:

SR.NO	PAER CODE	SUB NAME	ABBR	TH/PR
1	22314	Technology of Inorganic Chemical	TIV	TH
2	22410	Technology of Organic Chemicals	TOC	TH
3	22312	Plant Economics and Energy Management	CEP	TH & PR
4	22511	Environmental Technology	EPC	TH & PR

5	22608	Chemical Engineering Drawing	CED	TH & PR
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TRAININGS ATTENDED:

SR NO	TITLE	DURATION	PLACE
1	Deepak Fertilizers and Petrochemicals Corporation Ltd.	05 days	Taloja
2	Reliance Energy Ltd.	05 days	Dahanu
3	Reliance Industries Ltd.	05 days	Nagpur
4	Indian Petrochemical Corporation Ltd.	05 days	Nagothane
5	Reliance Industries Ltd.	05 days	Patalganga
6	Kesar Petroproducts Ltd.	03 days	Lote-Parshuram
7	Excel Industries Ltd.	05 days	Lote-Parshuram
8	Lote colour chemical Pvt. Ltd.	10 days	Lote-Parshuram

CONFERENCE /SEMINAR/WORKSHOP ATTENDED:

SR NO	TITLE	DURATION	PLACE
1	Piping Design and Simulation	12 to 16 May 2010	BVCOE, Navi Mumbai
2	Chemical Engineering Laboratory	23 to 27 June 2010	ICT, Mumbai
3	One day workshop for EA and EM	26 Nov 2010	MEDA Pune
4	Research Paper Writing	24 to 28 Feb 2014	NITTR Pune
5	ATL FDP on Waste Technology by C V Raman Global University	21 to 25 Dec 2020	Online
6	Virtual Labs: Education 4.0 by MIT ADT University	23 July 2020	Online
7	FDP on Recent Trends in Waste and Waste Water Treatment by K K Wagh Poly, Nasik	18 to 22 Jan 2021	Online

8	ATAL FDP on "Novel Applications of Waste Technology Systems for Sustainable future" by M S Ramaiah Institute Of Technology	2 to 6 Aug 2021	Online
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PAPER PUBLISHED:

Sr. No.	TITLE	NATIONAL/INTERNATIONAL	YEAR
1	Nimkar S. C. and Mewada R. K. (2014) "An overview of Exergy analysis for Chemical Process Industries," International Journal of Exergy, Vol. 15, No. 4, pp 468-507		2014
2	Mewada R. K. and Nimkar S. C (2015) "Minimization of Exergy losses in Mono High Pressure Nitric Acid Process," International Journal of Exergy, Vol. 17, No. 2, pp.192-218.		2015
3	Nimkar S. C. and Mewada R. K. (2016) "Effect of catalyst selectivity on exergetic and exergoeconomic evaluation of Ethylene oxide /Ethylene glycol process", International Journal of Exergy, Vol. 21, No. 2, pp.157-185.		2016
4	Nimkar S. C, Mewada R. K. and Rosen M.A.(2017) "Exergy and exergoeconomic analyses of thermally coupled reactor for methanol production" ,International Journal of Hydrogen Energy, Vol. 42, pp.8113-28127.		2017
5	Nimkar S.C. , Deepa P and Shaji S. (2018) "Mitigation Pathways for CO2 Emission in Chemical Industries by Integration of Technologies". 33rd Indian Engineering Congress		2018

	organsied by The Institute of Engineers (India) , Jodhpur during 21st to 23rd December 2018.		
6	An Overview of drilling fluids used in Oil and Gas Industry	National	2021
7	Hydrogen Fuel Cell Powered vehicles	National	2021