

BIODATA

Name : Sandip Nivrutti Derle
Gender : Male
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Marital Status : Married

Category : Open

Caste : Maratha

Languages known : Marathi, Hindi, English

Date of Birth : 10/02/1981

Address for correspondence

Department of Chemical Engineering,
K. K. Wagh Institute of Engineering Education
& Research, Nashik-422003.

Permanent Address : Fl. No. 3, Bhagirathi Residency Janata Raja Colony, Makhmalabad
Road, Panchvati, Nashik 422003

Educational Qualification :

- Pursuing Ph.D. (Tech) in Chemical Engg. From Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)
- **Master of Technology** in Chemical Engineering from Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat) with 8.93 CGPA in 2013.
- **Bachelor of Engineering** (Chemical) From Sir Visvesvaraya Memorial Engineering College, Chincholi, Sinner (Nashik) in 2005 with first class (65.67%)

Work Experience:

Organization: K. K. Wagh Institute of Engineering Education & Research, Nashik

Department: Chemical

Designation: Assistant Professor

Duration: 10th Feb. 2006 to till date

Area of Interest: Process Equipment Design, Process Modeling and Simulation, Chemical Process Technology, Process Calculation

Membership of Scientific and professional Societies:

- Life Member of Indian Society for Technical Education : 61831
- Life Member of Indian Institute of Chemical Engineers : 65353

Research Publications

International Journal

Published research paper entitled "Hydrogenation of Levulinic acid and gamma valerolactone: steps towards biofuels". Published in springer (Biomass conversion and biorefinery) journal, December 2014, Volume 4, Issue 4, pp 293–299 *Impact Factor: 1.310*

National Journal

Published reviewed Paper entitled "Catalytic Wall Reactor: The state of art in intensified chemical process reactor", published in national journal Chemical Industry Digest in Jun 2013 issue pp- 78-84

Conference:

- Presented paper on "Catalytic Wall Reactor: The state of art in intensified chemical process reactor" in international conference Chemcon 2012 at NIT, Jalandhar (Punjab).
- Presented the paper on "Environmental Impact Assessment and Life Cycle Assessment-Sustainable Development for Petroleum Industry" at international conference on 'Emerging trends in Engineering' organized by PREC Loni during 20th -22nd December 2008.

Workshop/Seminars/STTP attended:

Sr. No	Institute / Organization	Course attended	Duration	
			From	To
1.	Hindustan Petroleum Corporation Ltd. Mumbai.	Industrial Education training	20 th Dec 2006	22 nd Dec 2006
2.	K K Wagh Institute of Engineering Education & Research, Nashik	Simulation Techniques in Manufacturing and service industry	12 th Jan 2008	12 th Jan 2008
3	Sinhagad College of Engineering, Pune	Application of Matlab in Chemical engineering	21 st April 2008	23 April 2008
4	Sir Visvesvaraya Memorial Engineering college Chincholi, Nashik	Modeling and Simulation in Chemical engineering	1 st Oct. 2008	5 th Oct. 2008
5	K K Wagh Institute of Engineering Education & Research, Nashik	Effective Teaching through curriculum Innovation	8 th Jun 2009	9 th Jun 2009
6	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	Application Based Numerical Methods for Chemical Engineers using Matlab	9 th Mar 2009	14 th Mar 2009
7	Sinhagad College of Engineering, Pune	Optimization in Chemical Process Industries	16 th Nov. 2009	20 th Nov. 2009
8	Sir Visvesvaraya Memorial Engineering college Chincholi, Nashik	Environmental Risk Assessment	12 th Jan 2010	13 th Jan 2010

9	K K Wagh Institute of Engineering Education & Research , Nashik	Introduction and Application of Matlab in Engineering	10 th Feb 2010	11 th Feb 2010
10	HPCL,Petroleum Federation of India and Lovraj Kumar Memorial trust	Simulation and modeling in Process industry	28 th Jun 2010	1 st Jul 2010
11	ISTE at K K Wagh Institute of engineering education & Research , Nashik	Mission 10X	9 th Aug. 2010	13 th Aug. 2010
12	Indian Institute of Technology, Bombay	Introduction to Research Methodology	25 th Jun 2012	4 th Jul 2012
13	Dharmsinh Desai University Nadiyad (Gujarat)	Chromatographic Techniques	25 th Feb 2013	26 th Feb 2013
14	Sardar Vallabhbhai National Institute of Technology, Surat	Six Sigma and Statistical Analytical tools	22 nd Mar 2013	22 nd Mar 2013

University Level Experience:

- ✓ Worked as examiner for oral/practical, and examiner of University of Pune, Pune.

➤ Projects:

1. Post Graduation (M. Tech) Project:

Name: Hydrogenation of Levulinic Acid and Gamma valerolactone to Biofuels.

2. Graduation Project:

Name: Distillery Effluent Treatment using Coconut shell Ash.

➤ Computer Skills

- ✓ ChemCad, Aspen Plus, HYSYS, UNISIM Design, DWSIM : Chemical Simulation software
- ✓ Autocad, ZW cad : Drafting software

Prof. S. N. Derle