


Name	MR. SUBHASH S. KADLAG M Tech(Chemical Engg.), PhD (Pursuing)	
Designation	Assistant Professor	
Department	Chemical Engineering	
Date of Joining the Institute	18/07/2008	
Education	B. E, 2006	
	M. Tech, 2008	
Branch / Specialization	Chemical Engineering	
Areas of Interest	Fluid Flow, Equipment Design, WasteWater Treatment, Nanotechnology, Natural Biomass.	
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Academic Appointments		
Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 18/07/2008 to till date	Assistant Professor
Institute of Petrochemical Engineering, DrBATU Lonere	July-2007 to may-2008	Lecturer
Total Experience – 12 Years		

Seminars/Lecture/Invited Talks Conducted

1. Conducting workshop on **“Mechanical Equipment Design Using Solid Works”** as a resource person at Finolex Academy of Management and Technology Ratnagiri organized by Department of Chemical Engineering for second year students every year since 2016.
2. Conducted Seminar on **“Process Equipment Design using DWSIM Software”** held on 12th & 13th July 2017 as a resource person at Finolex Academy of Management and Technology Ratnagiri organized by Department of Chemical Engineering for final year students.
3. Conducted One Day Seminar on **“Application of ANSYS and computational modeling using C++ language”** held on 1st September 2016 in Association with ARK Infosolutions

Papers Published

Papers Presented/Published in National / International Journals – 05

1. **S S Kadlag**, S B Mhabdi, P A Giri, R S Bhande, "Preparation and Characterization of Graphene Oxide Nanosheets Using Caffeine", **Journal of Emerging Technologies and Innovative Research**, Volume 4, Issue 11 (November 2017) Pages: 310-312.
2. **Subhash S Kadlag**, Ramesh S Bhande, "Effect of Temperature on Biodiesel Synthesis – An Experimental Study", **Asian Journal of Convergence in Technology**, Volume 2, Issue III, ISSN No.: 2350 – 1146.
3. R S Bhande, P A Giri & **S S Kadlag**, "Experimental Study of Particle Size and Solvent For Extraction of Oil From Kokum Seed", **International Journal of Engineering Technology Science and Research (IJETSR)**, Volume 4, Issue 6 (June 2017) Pages: 669-673, ISSN 2394 – 3386.
4. Bhande R S, Badgujar S M & **Kadlag S S**, "Effect of Molar Ratio on Conversion of Methanol for Hydrogen Production by Steam Reforming for Fuel Cell Application", **International Journal of Chemical and Physical Sciences**, Vol 2, March-2013 Pages: 11-17
5. Bhande R S, Badgujar S M & **Kadlag S S**, "Experimental Study of Densely Packed Thin Film of Octadecanoic Acid at Air-Water interface", **International Journal of Engineering Research and Technology**, Vol.1 - Issue 6 (August- 2012), ISSN 2278 – 0181.

Papers Presented/Published in National/ International Conferences – 04

1. **R S Bhande, P A Giri, S S Kadlag**, "Experimental Study of Particle Size and Solvent For Extraction of Oil From Kokum Seed", **4th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017)**, ISBN:978-81-934083-5-3, Organized by The Institute of E&TCE, Hyderabad, 24th June 2017, Pages 301-305.
2. **Subhash S Kadlag**, Ramesh S Bhande, "Effect of Temperature on Biodiesel Synthesis – An Experimental Study", **2nd National Conference on Recent Advances in Science and Technology (RAST2k16)**, ISBN: 978-93-83046-31-7, Organized by Finolex Academy of Management and Technology Ratnagiri, 17-18 February 2016, Pages 386-389.
3. **Subhash S Kadlag**, Ramesh S Bhande, "Preparation and Characterization of Silver Nanoparticles", **International Conference on Global Trends in Engineering, Technology and Management (ICGTETM-N4)**, ISSN: 2231-5381, January 2016, Pages 557-559.
4. Ramesh S Bhande, **Subhash S Kadlag**, "Synthesis Silver Nanoparticles From Azadirachta Indica Leaves", **International Conference on Global Trends in Engineering, Technology and Management (ICGTETM-N4)**, ISSN: 2231-5381, January 2016, Pages 554-556.

Number of Workshops, Seminars, STTPs, FDPs Attended – 24

1. Participated & completed successfully one week Faculty Development Program (FDP) on **"Novel Technology for Environment and Energy Sustainability"** Organized by Department of Chemical Engineering, Pad. Dr. V. V. Patil Polytechnic , Loni From 20/2/2023 to 25/2/2023.
2. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Biomass to fuels, Chemicals and value-added products for sustainable energy and environmental future"** from 20/12/2021 to 24/12/2021 at National Institute of Technology Tiruchirappalli.
3. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Biowaste to Bioenergy: A future sustainable energy source"** from 14/12/2021 to 18/12/2021 at Motilal Nehru National institute of Technology Allahabad, Prayagraj.
4. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Green Technology & Waste Management: The era of Advance Manufacturing & Circular Economy"** from 23/11/2021 to 27/11/2021 at C.V.RAMAN GLOBAL UNIVERSITY.
5. Successfully completed One Week Online National Level FDP on **"Advances in Fluid, Heat and Mass Transfer"** with included a demonstration cum hands on exposure in Recent Technologies, Organized by Chemical Engineering & Mechanical Departments from 05/07/2021 to 09/07/2021 remotely at Loknete. Dr. Balasaheb Vikhe Patil (Padma Bhushan Awardee) Pravara Rural Education Society's Sir Visvesvaraya Institute of Technology, Nashik.
6. Participated and successfully completed the one-week workshop on **"MODELING AND SIMULATION OF HEAT TRANSFER EQUIPMENTS USING ASPEN PLUS"** from 16/03/2021 to 20/03/2021, organized by Chemical Engineering Department of Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, Sangli, Maharashtra.
7. Participated and successfully completed in an **"online 3 Day workshop on Scilab"** from 04/03/2021 to 06/03/2021 organized by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MoE, Govt. of India.
8. Successfully completed the AICTE-ISTE approved orientation/refresher programme on **"Computer Aided Software for Process Intensification"** held during 22/02/2021 to 27/02/2021 organized by Gharda Institute of Technology, Lavel, Khed, Maharashtra.
9. Successfully completed One Week National Level Online FDP on **"Effective use of ICT Tools in Teaching Learning Process"** organized by Government Polytechnic, Malvan from 08/06/2020 to 12/06/2020 approved by DTE Maharashtra and MSBTE Mumbai.

10. Participated and successfully completed One Week Online FDP on **"Promoting Quality Culture in Technical Institutions"** from 25/05/2020 to 29/05/2020 organized by Internal Quality Assurance Cell under 'UGC Paramarsh Scheme' AISSMS Pune.
11. Successfully completed National level One Week Online Faculty Development Program on **"Process Simulation using DWSIM"** with included a demonstration cum hands on exposure, from 28/04/2020 to 04/05/2020, organized in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India, remotely by Department of Chemical Engineering, AISSMS, Pune.
12. Successfully completed Two-Week AICTE approved FDP Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on **"FDP201x: Pedagogy for Online and Blended Teaching-Learning Process"** (14 September to 12 October 2017) Conducted by Indian Institute of Technology Bombay Mumbai.
13. Successfully completed Two-Week AICTE approved FDP Under the aegis of Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNTT) on **"FDP101x: Foundation Program in ICT for Education"** 27 July to 31 August 2017 Conducted by Indian Institute of Technology Bombay Mumbai.
14. Successfully completed full time training the trainer one week Advance Technical Workshop on **"Qualification Pack"** [Product Design Engineering] jointly conducted with IT-ITeS SECTOR SKILLS COUNCIL NASSCOM by Industry Expert at DOT, Shivaji University, Kolhapur (2016).
15. Participated in One Day **Training Programme: "Intellectual Property Rights"** Organized by Maharashtra Centre for Entrepreneurship Development (MCED), Government of Maharashtra, sponsored by MSME, Government of India, New Delhi, on (2016).
16. Attended One Week Workshop on **"Funding Schemes Available for Research Proposal"** Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri. 2016
17. Attended FDP on **"Self-Dependence and Advantages of Technology & Digital Marketing"** Organized by Lemures Technologies and IEEE Delhi at Finolex Academy of Management and Technology, Ratnagiri on 23rd September 2016.
18. Participated in One Week Interdisciplinary STTP on **"Applications of Bioprocesses and Nanotechnology in Chemical Engineering"**, organized by SGGS Institute of Engineering and Technology, Nanded (2014).
19. Participated in **"One Day Seminar on Research Methodology and Recent Techniques"**, organized by Mumbai University Sub-center, Ratnagiri (2012).
20. Attained One Week STTP on **"Advanced Topics in Wavelet Transforms: Theory and Applications"**, organized by the Chemical Engg. Department, IIT Madras. (2009).
21. Attained One Day Workshop on **"Quality Education in Engineering and Technical Institution"**, organized by FAMT ISTE Chapter in 2009.

22. Undergone a training program on **“Computer Aided Design of Chemical Equipment by Flow-Sheeting (using Aspen Plus)”**, conducted by Chemical Engg. Department, Dr. BATU, Lonere, Raigad.2006-07.
23. Participated and successfully completed a Two Day Training Program on **“Analytical Instruments” (HPCL, GPC, FTIR, GC, and Viscometer)**, conducted by Chemical Engg. Department, Dr. BATU, Lonere, Raigad.2006.
24. Attended Two-Day National Seminar on **“Recent Trends in Chemical Technology (NSRTCT-2006)”**, organized by Department of Chemical Technology, North Maharashtra University, Jalgaon.

Professional Membership

1. Indian Society for Technical Education (ISTE). Member NO. : LM 66577

College Exam Duties

1. Worked as a **Senior Supervisor** for the **2011 Winter Exam (Mumbai University)**.
2. Worked as a **Senior Supervisor** for the **2015 Summer Exam (Mumbai University)**.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Process Calculation	II year [Chem. Engg.], III sem	6 Years
2.	Solid Fluid Mechanical Operation	II year [Chem. Engg.], IV sem	1 Year
3.	Chemical Engineering Thermodynamics-I	III year [Chem. Engg.], V sem	1 Year
4.	Chemical Engineering Thermodynamics-II	III year [Chem. Engg.], VI sem	2 Years
5.	PEDD-I	III year [Chem. Engg.], V sem	2 Years
6.	PEDD-II	III year [Chem. Engg.], VI sem	2 Years
7.	Mechanical Equipment Design	II year [Chem. Engg.], IV sem	6 Years
8.	Process equipment Design	IV year [Chem. Engg.], VII sem	4 Years
9.	Fluid Flow	II year [Chem. Engg.], III sem	3 Years

10.	Nanotechnology	IV year [Chem. Engg.], VIII sem	3 Years
11.	Chemical Reaction Engg. - I	III year [Chem. Engg.], V sem	3 Years
12.	Numerical Methods in Chemical Engineering	II year [Chem. Engg.], IV sem	2 Years
13.	Advanced Separation Technology	IV year [Chem. Engg.], VIII sem	1 Year