

Name **MR. PRASHANT A. GIRI**
M. Tech. (Chemical Engineering)

Designation Assistant Professor

Department Chemical Engineering

Date of Joining the Institute 16/11/2016

Education B Tech, LIT, Nagpur
M Tech, LIT, Nagpur

Branch / Specialization Chemical Engineering

Areas of Interest Distillation Operation and Sequencing of Distillation Columns, Mathematical Modeling of Chemical and Biochemical Processes, Application of Knowledge based and Expert base systems in chemical engineering, Computer Aided Design of Various Chemical Engineering Process Equipment, Effluent treatment in chemical industries.

Email prashant.giri@famt.ac.in

Personal Homepage link <https://prashantgiri24.wordpress.com/>



Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri.	From 16/11/2016 to Till Date	Assistant Professor
Maharashtra Polytechnic, Mandangad, Ratnagiri.	From 05/01/2015 to 12/11/2016	Principal
Finolex Academy of Management and Technology, Ratnagiri.	From 04/02/2009 to 03/01/2015	Assistant Professor

United Phosphorous Ltd,
Ankleshwar, Gujrat

From 03/03/2008 to 02/02/2009

Sr. Executive-Technical

UDCT, North Maharashtra
University, Jalgaon.

From 30/12/2004 to 15/08/2006

Lecturer

Total Experience – 11 Years

Awards / Honors / Prizes

1. Awarded **Gold Medal** for securing a meritorious position in **M. Tech. Chemical Engineering** Examination held by the RTM Nagpur University, Nagpur.

Students projects Guided at Masters Level

Hydrodynamic Study and Verification of Ergun's Equation for Packed Bed

Seminars/Lecture/Invited Talks Conducted

1. Delivered expert lecture on "**Basics of Chemical Process Engineering**" for final year Diploma Engineering students at SmtGeeta D Tatkare Polytechnic, Gove, Kolad on **14th Feb 2018**.
2. Conducted expert lecture on "**Recent Trends in Chemical and Allied Industries**" for final year Diploma Engineering students held on **30th Sept 2017** as a resource person at Maharashtra Polytechnic, Mandangad.

Papers Published

Papers Presented/Published in National/ International Journals - 12

International Journals – 12

1. **Prashant A Giri**, Ramprasad Nigudkar, Shubham D Kalan, "Experimental Investigation of Kraft Paper Making from Banana (Musa Sapientum) Stem Fibres and Study of Advancements in Fibre Extraction Process", Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 4, Apr**2018**:589-592.
(<http://www.jetir.org/papers/JETIR1804332.pdf>)
2. **Prashant A Giri**, Damini D Apankar, Sonam S Gawas, "Optimization of Some Chemical Processes Using Differential Evolution (DE) Algorithm", International Journal of Creative Research Thoughts (IJCRT), Volume 6, Issue 2, April**2018**:736-740.
(<http://ijcrt.org/papers/IJCRT1807090.pdf>)
3. **Prashant A. Giri**, Raju K. Marag, "Experimental Investigation of Temperature and Reaction Time for Preparation of Silica from Wheat Husk", International Journal of

Engineering Technology Science and Research, Volume 5, Issue 3, March 2018:60-65. (http://www.ijetsr.com/images/short_pdf/1520495720_60-65-chd899_ijetsr.pdf)

4. **Prashant A. Giri**, Sunil M. Badgujar, Raju K. Marag, "Study of Effect of Concentration on Adsorption of Methyl Red Dye using different Adsorbents", International Journal for Research in Applied Science and Engineering Technology, Volume 5, Issue XI, Nov 2017:1741-1745. (<http://www.ijraset.com/files/serve.php?FID=11457>)
5. **Prashant A. Giri**, Sunil M. Badgujar, Shubham B. Dere, Sangram M. Gurav, Mayuresh M. Panjari, "Experimental study of Methylene Blue dye adsorption using Cashewnut Charcoal as an alternate adsorbent", Journal of Emerging Technologies and Innovative Research, Volume 4, Issue 11, Nov 2017:380-383. (<http://www.jetir.org/JETIR1711070>) (<http://doi.org/10.1717/JETIR.17112>)
6. **P A Giri**, R S Bhande, S S Kadlag, S B Mhabdi, "Preparation and Characterization of Graphene Oxide Nanosheets Using Caffeine", Journal of Emerging Technologies and Innovative Research, Volume 4, Issue 11, Nov 2017:310-312. (<http://www.jetir.org/JETIR1711058>) (<http://doi.org/10.1717/JETIR.17113>)
7. R S Bhande, **P A Giri**, S S Kadlag, "Experimental Study of Partical Size and Solvent For Extraction of Oil From Kokum Seed" International Journal of Engineering Technology Science and Research, Volume 4, Issue 6, June 2017:669-673. (http://ijetsr.com/images/short_pdf/1498555815_669-673-ieteh368_ijetsr.pdf)
8. R S Bhande, **P A Giri**, "Extraction of Garcinia Indica Oil from Kokum Seed" International Journal of Engineering Technology, Management and Applied Sciences, Volume 5, Issue 6, June 2017:723-727. (<http://www.ijetmas.com/admin/resources/project/paper/f201706211498023170.pdf>)
9. **P A Giri**, S L Pandharipande, R S Bhande, "Optimum Sequencing of Distillation Columns" International Journal of Research in Management, Science and Technology, Vol. 2, No. 3, December 2014:5-9. (<http://www.ijrmst.org/download/vol2no3/pa-giri.pdf>)
10. R S Bhande, **P A Giri**, "Dissipation Study of Adsorbed Polymer Film Using Impedance Analysis" International Journal of Research in Management, Science & Technology, Vol. 2, No. 3, December 2014:1-5. (<http://www.ijrmst.org/download/vol2no3/ramesh-bhande.pdf>)
11. R S Bhande, Y A Landge, **P A Giri**, "Consequence of Temperature on Conversion of Methanol for Hydrogen Production by Steam Reforming", International Journal of Chemical and Physical Sciences, Special Issue, March 2013, Vol. 2: 32-38. (ISSN:2319-6602, SJIF Impact Factor:3.779, Universal Impact Factor:1.0289, ISRA Impact Factor:0.956) (http://www.ijcps.org/abstract.php?article_id=24)
12. R S Bhande, Y A Landge, **P A Giri** " Study the behavior of n-A isotherm with increasing amount of Octadecanoic acid at Air-Water interface", Journal of Chemical and Pharmaceutical Research (JOCPR), 2012, 4 (6): 3297-3301. (<http://www.jocpr.com/articles/study-the-behavior-of-a-isotherm-with-increasing-amount-of-octadecanoic-acid-at-airwater-interface.pdf>)
13. Google Scholar Profile Page: <https://goo.gl/dt1WfB>

International Conferences – 03

1. **P A Giri**, R K Marag presented the paper at **International Conference on Research Trends in Engineering, Applied Science and Management (ICRTE SM-2018)** at Indian Council of Social Science Research (**ICSSR, Chandigarh**), North West Regional Centre, Punjab University Campus, Chandigarh (India), **11 March 2018**.
2. R S Bhande, **P A Giri**, S S Kadlag presented the paper at **4th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTE SM-2017)** at The Institution of Electronics And Telecommunication Engineers (**IETE, Hyderabad**), O.U. Campus, Hyderabad, **24 June 2017**.
3. R S Bhande, **P A Giri**, presented the paper at **International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017)** at Centre for Development of Advanced Computing (**C-DAC**), Juhu, Mumbai, Maharashtra (India), **18 June 2017**.

National Conferences – 01

4. **P A Giri**, S L Pandharipande, S M Kodape, "**Optimum Sequencing of Distillation Columns**" at the National Conference on "Advances in Heat and Mass Transfer" held at FAMT, Ratnagiri, Maharashtra, **30-31 October 2009**: 21-27.

Number of Workshops, Seminars, STTPs, FDPs Attended – 11

Conferences and Seminars

1. Attended **1st International Global Summit on Engineering Education** organized by ISTE and IEDC at Chennai from 31th July to 1st August 2015.
2. Attended National Seminar on "**Recent Trends in Chemical Technology**" at North Maharashtra University, Jalgaon, held on 6th – 7th January 2005.
3. Participated in "**Anveshan-08**" (Inter University Research Competition) organized by Rashtrasant Tukadoji Maharaj Nagpur University and Association of Indian Universities, held at LIT Nagpur.

Two Week or One Week Workshops

4. Participated in a Two-week an AICTE approved Faculty Development Programme (FDP101x) on "**Pedagogy for Online and Blended Teaching-Learning Process**" conducted by Indian Institute of Technology, Bombay under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT), MHRD, GoI from 14th September, 2017 to 12th October, 2017.
5. Participated in a Two-week an AICTE approved Faculty Development Programme (FDP101x) on "**Foundation Program in ICT for Education**" conducted by Indian Institute of Technology, Bombay under aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT), MHRD, GoI from 3rd August, 2017 to 7th September, 2017.

6. Attended **One Week Workshop** on **"Funding Schemes Available for Research Proposals"** Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri from 13th February to 23rd April 2016
7. Participated in a Two-week ISTE Workshop on **"Control Systems"** conducted by Indian Institute of Technology, Kharagpur under the National Mission on Education through ICT (MHRD) from 2nd to 12th December, 2014.
8. Participated in a Two-week ISTE Workshop on **"Fluid Mechanics"** conducted by Indian Institute of Technology, Kharagpur under the National Mission on Education through ICT (MHRD) from 20th to 30th May, 2014.
9. Participated in One Week workshop **"MISSION 10X"** at RMCET, Ambav from 7th to 11th May 2012.

Workshops

10. Attended one day Orientation-cum-workshop for **"Inter Collegiate Research Convention Avishkar 2014-15"** organized by Finolex Academy of Management and Technology, Ratnagiri on behalf of the University of Mumbai on 12th August 2014.
11. Attended two day workshop on **"Research methodology in Educational Technology"** conducted by IIT Bombay at FAMT under the National Mission on Education through ICT (MHRD), Ratnagiri.

Professional Membership

1. **Life member** of Indian Society of Technical Education, **ISTE (Membership Number: LM-66573)**
2. **Life Member** of International Association of Engineers, **IAENG (Membership Number: 131236)**
3. **Life Member** of IAENG (International Association of Engineers) Society of Chemical Engineering (**Membership Number: 131236**)
4. **Associate Member** of Universal Association of Civil, Structural and Environmental Engineers, **UACSE (Membership Number:AM1010001790)**
5. **Member** of Asia-Pacific Chemical, Biological & Environmental Engineers Society, **APCBES (Membership Number: 201395)**
6. **Member** of International Separation Science Society (CASSS), USA (**Membership Number: 30515992**)
7. **Member** of the International Society of Food Engineering (ISFE), (**Membership Number:1619**)

College Exam Duties

1. Worked as a **CAP coordinator** for the 2017 paper assessment at **FAMT for Science CAP.**
2. Worked as a **Senior Supervisor** for **Engineering and MCA 2009 Winter Exam.**

3. Carried out exam related duties such as **Paper Setter, Moderator, Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.
4. Worked as **External Examiner** For Examinations Conducted by Mumbai University.
5. Worked as **Teacher in Charge** for Practical's/Viva examination of 2016-2017.

Other Experience

College Level Committees

1. Working as a **Member** of FAMT Alumni Association.
2. Working as a **Member** of Academic Canteen Monitoring Committee.
3. Worked as a **Member** of AICTE-CII Survey and Ranking for Engineering Institute committee.
4. Worked as a **Member** of Document Verification Committee (DVC) for NAAC.
5. Worked as a **Member** of Business World Engineering Institute Ranking Committee.
6. Worked as a **Member** of Times of India Institute Ranking Committee.
7. Worked as a **Member** of India Today Engineering Institute Ranking Committee.
8. Working as a **Member** of Admission Counseling Cell for Engineering Admission.
9. Worked as a **Member** of AICTE EOA Committee.
10. Working as a **Member** of Infrastructure Committee.
11. Worked as a **Member** of Sports Committee for 2017-18.
12. Working as a **Member** of Discipline Committee.
13. Worked as Co-editor of National Conference on "**Advances in Heat and Mass Transfer**" held at FAMT, Ratnagiri, Maharashtra during 30-31 October 2009.
14. Working as a department coordinator for **NAAC Criteria III committee**.
15. Working as a department coordinator for **External Oral and Practical Examination**.
16. Represented College in **Career Exhibition Organized by Sakal Papers in Ratnagiri (2011)**.
17. Working as **Teacher in charge** of **ACES (association of Chemical Engineering Students)**.

Judge Panel / Staff Selection Committee / Subject Expert

18. Invited as a Judge/Expert for the session in EXOTECH 2k18- A National Level Paper and Poster Presentation Competition on 24th March, 2018 organized by Department of Chemical Engineering and ACES, Finolex Academy of Management and Technology, Ratnagiri.
19. Reviewer of Journal of Emerging Technologies and Innovative Research(JETIR) (www.jetir.org) (ISSN: 2349-5162), **Membership ID: 111977.**
20. Reviewer of International Journal of Creative Research Thoughts(IJCRT) (www.ijcrt.org) (ISSN: 2320-2882), **Membership ID: 111964.**
21. Reviewer of Journal of Technological Advances and Scientific Research (JTASR) (www.jtasr.com) (eISSN: 2454-1788, pISSN: 2395-5600).
22. **Visiting faculty** at Finolex Industries Limited for Educational Quality Improvement Program (EQUIP) run by FIL in association with Indian School of Petroleum and Energy (ISPE) for their employees.
23. **Visiting faculty** for the subject 'Computer Aided Design' at Gharda Institute of Technology (GIT), Lavel from Jan 2011 to Apr 2011.
24. **Coordinator** of National Seminar On '**Recent Trends in Chemical Technology**' organized by Dept. of Chemical Technology, N.M.U., Jalgaon. During 06-07 Jan, 2006, sponsored by CSIR-UGC, New Delhi.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Fluid Flow	SE Chem Engg (Sem-IV)	5 Years
2.	Computer Application	SE Chem Engg (Sem-III)	3 Years
3.	Process Calculations	SE Chem Engg (Sem-III)	3 Years
4.	Chemical Engineering Thermodynamics-I	TE Chem Engg (Sem-V)	2 Years
5.	Chemical Technology	TE Chem Engg (Sem-V)	2 Years
6.	Computer Aided Design	TE Chem Engg (Sem-VI)	2 Years
7.	Transport Phenomena	TE Chem Engg (Sem-VI)	2 Years
8.	Plant Engineering	TE Chem Engg (Sem-VI)	2 Years

9.	Process Engineering	BE Chem Engg (Sem-VII)	2 Years
10.	Advanced Transport Phenomena	BE Chem Engg (Sem-VIII)	2 Years