

**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, 2004, LIT, Nagpur  
M Tech, 2008, LIT, Nagpur  
PhD (Pursuing), Dr BATU, Lonere

**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
<b>Finolex Academy of Management and Technology, Ratnagiri.</b>	<b>From 16/11/2016 to Till Date</b>	<b>Assistant Professor</b>
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. Conducted expert lecture on "**Recent Trends in Chemical and Allied Industries**" held on **30<sup>th</sup> Sept 2017** as a resource person at Maharashtra Polytechnic, Mandangad.

### Papers Published

### Papers Presented/Published in National / International Journals - 08

#### International Journals – 08

1. **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/fileserve.php?FID=11457>)
2. **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>)
3. **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>)

4. 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-ete368\\_ijetsr.pdf](http://ijetsr.com/images/short_pdf/1498555815_669-673-ete368_ijetsr.pdf))
5. 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>)
6. **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>)
7. 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>)
8. 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 Facor:**0.956**)  
([http://www.ijcps.org/abstract.php?article\\_id=24](http://www.ijcps.org/abstract.php?article_id=24))

### Papers Presented/Published in National/ International Conferences - 03

#### International Conferences – 02

1. 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 (ICRTESM-2017)** at The Institution of Electronics And Telecommunication Engineers (**IETE, Hyderabad**), O.U. Campus, Hyderabad, **24 June 2017**.
2. 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

1. **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 – 08

#### Conferences and Seminars

1. Attended **1<sup>st</sup> International Global Summit on Engineering Education** organized by ISTE and IEDC at Chennai from 31<sup>th</sup> July to 1<sup>st</sup> August 2015.
1. Attended National Seminar on **"Recent Trends in Chemical Technology"** at North Maharashtra University, Jalgaon, held on 6<sup>th</sup> – 7<sup>th</sup> January 2005.
2. 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**

3. 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 13<sup>th</sup> February to 23<sup>rd</sup> April 2016
4. 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 2<sup>nd</sup> to 12<sup>th</sup> December, 2014.
5. 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 20<sup>th</sup> to 30<sup>th</sup> May, 2014.
6. Participated in One Week workshop **"MISSION 10X"** at RMCET, Ambav from 7th to 11th May 2012.

### **Workshops**

7. 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.
8. 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 **Web Administrator** of **Website Administration committee** (WAC) of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as a **Member** of Admission Counseling Cell for Engineering Admission.
3. Working as a **Member** of Infrastructure Committee.
4. Worked as Co-editor of National Conference on "**Advances in Heat and Mass Transfer**" held at FAMT, Ratnagiri, Maharashtra during 30-31 October 2009.
5. Working as a department coordinator for **NAAC Criteria III committee**
6. Represented College in **Career Exhibition Organized by Sakal Papers** in **Ratnagiri (2011)**.
7. Working as **Teacher in charge** of **ACES (association of Chemical Engineering Students)**.

##### Judge Panel / Staff Selection Committee / Subject Expert

8. **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.
9. **Visiting faculty** in the subject 'Computer Aided Design' at Gharda Institute of Technology (GIT), Lavel from Jan 2011 to Apr 2011.

10. **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)	1 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)	1 Years
9.	Process Engineering	BE Chem Engg (Sem-VI)	1 Years