

**Ashish V Mohod**  
**Assistant Professor**  
**Department of Chemical Engineering**  
**All India Shri Shivaji Memorial Society's**  
**College of Engineering**  
**Kennedy Road, Pune-411 001**  
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## **Educational Qualifications**

1. PhD in Chemical Engineering, ICT, Mumbai
2. M. Chemical Engineering, ICT (UDCT), Mumbai (First Class with Distinction)
3. B. E. Chemical Engineering, COET, Akola (First Class)

## **Experience**

**Teaching: 10.8 Years**

**Industry: 00 years**

**Research: 11.5 Years**

## **Awards and Achievements**

1. Sponsored Project from Institute of Engineers in the year of 2018-19 for Rs. 40000.00 for the topic "Study of Rejuvenation of Effluent Remediation by Continuous Flow with Visible Light Induced Reactor Using Nanoparticles"
2. Sponsored Project from All India Shri Shivaji Memorial Society's in the year of 2018-19 for Rs. 7, 00,000.00 for the topic "Sewage waste water treatment using innovative advanced oxidation processes"
3. Sponsored Project from Institute of Engineers in the year of 2014-15 for Rs. 20000.00 for the topic "Fabrication and Manufacturing of Water Purifier: A Simple and Economic way of Treatment"
4. Best Research Project at West Zone at engineering level in ANVESHAN 2012-13
5. Joint Project with National Chemical Laboratory, Pune with the topic "Manufacturing of Iso Nicotinic acid"

6. Sponsored Project from Institute of Engineers in the year of 2011-12 for Rs. 20000.00 for the topic entitled “Degradation of Rhodamine 6G at pilot Scale capacity using hybrid techniques based on Cavitation”
7. Award of UGC scholarship from July2008 to May 2010 for PG Programme
8. GATE-2008 Qualified (Percentile Score: 79.80, AIR-793)
9. Got an Excellence Award by Honorable Minister of Education, Mr Vinod Tawade.
10. **M P Chary Outstanding Young Chemical Engineering Award 2017** in CHEMCON-2017 by IChE, India

## Research

Guided to UG Students with topics as Waste water Treatment using Acoustic Cavitation, Grease Manufacturing, Polymer depolymerisation, Crystallization (sugar, oxalic acid, Extraction of biomass, Where as seminar like antimatter, intensification process for Hydrolysis of starch by using cavitation phenomenon, petrol from plastic, Biochips, Recovery of oil by using biotechnology, enzyme production, Impact of Nanotechnology etc.

**No. of Students guided for Research Project for UG- 55,**

**No. of Students guided for Seminar UG-140**

## Details of International Visits

| S. No. | Address of overseas institute              | Duration                       | Agency which sponsored the visit | Brief objective of the work done  | Achievement/ Outcome                           |
|--------|--|--------------------------------|----------------------------------|---|--|
| 1      | University of Sao Paulo, Sao Paulo, Brazil | Jan 15, 2015 to Feb 15, 2015   | Indo-Brazil DST                  | Objective of the project was to investigate the efficient use of cavitational reactors to intensify the production of biodiesel from cheaper sources of raw materials, with economical synthesis. | Joint Publication                              |
| 2      | VESBA, ISWA, University of Stuttgart,      | April 18, 2015 to May 10, 2015 | German Government                | Objective of the project was to learn and operate the plant of water purification and waste   | Short term courses started at AISSMS COE, Pune |

|  |         |  |  |   |  |
|--|---------|--|--|---|--|
|  | Germany |  |  | water treatment. Also to train the trainer in India | Developed STP plant at AISSMSCOE, Pune |
|--|---------|--|--|---|--|

## Editorial Board Member

1. Advance Research in Textile Engineering, Austin Publishing Group, USA
2. International Journal of Chemical Synthesis and Chemical Reactions
3. International Journal of Photochemistry
4. International Journal of Environmental Chemistry

## Consultancy

1. Consultant to JSPM Engineering College on the topic synthesis of biodiesel using ultrasound assisted and conventional based approach
2. Consultant to JSPM Engineering College on the topic production of biodiesel using acoustic cavitation
3. Consultant to KK Wagh Institute of Engineering Education and Research on the topic extraction of valuable product using ultrasonication

## Publications

| S N | Type                  | Numbers | Citations | Total Impact factor |
|-----|-----------------------|---------|-----------|---------------------|
| 1   | International Journal | 15      | 211       | 63.85               |
| 2   | National Journal      | 01      | -         |                     |
| 3   | Book                  | 01      | -         |                     |
| 4   | Conference            | 39      | -         |                     |
| 5   | Patent                | 03      | -         |                     |

### Patents: 03 + (02: In process)

1. Filed Indian Patent on novel waste water treatment technique with a application number "2130/MUM/2014" "Treatment of waste water effluent on a continuous mode using photo-oxidation marble column"
2. Filed Indian Patent on development of new catalyst with a application number "2131/MUM/2014" "An Improved Advanced Oxidation Process for the Treatment of Waste Water Containing Dyes using Waste Dry Battery/Cell as a Catalyst"
3. Filed Indian Patent on development of new catalyst with a application number "201821022830" "Continuous Flow with Visible Light Induced Reactor using

Nanoparticles”

4. Filed Indian Patent on “Polymer Degradation using Novel Technique” with a application number of E-2/1300/2019-MUM
5. Filed Indian Patent on Degradation/decolorization using adsorbent with a application number of E-2/1301/2019-MUM
6. Filed Indian Patent on “Intensified Synthesis of Biodiesel Using Advanced Technique” with a application number of E-2/1302/2019-MUM

## **In Journals:**

**International: 16 + 05 (Communicated)**

**National: Nil**

**Conferences: 39**

## **Book Chapter: 01**

- Ashish V Mohod, Parag R Gogate, Process Intensification and parametric optimization in biodiesel synthesis using hydrodynamic cavitation reactors, Chapter in “Green Chemistry for Sustainable Biofuel Production”, Apple Academic Press in collaboration with CRC, 2016, 225-264

## **Journal:**

**National: 01**

**International: 15**

1. **Ashish V Mohod**, Parag R Gogate, Ultrasonic Degradation of Polymers: Effect of operating parameters and intensification using additives for carboxymethyl cellulose (CMC) and Polyvinyl alcohol (PVA), *Ultrasonic Sonochemistry*, 18 (3) (2010)727-734 (I.F-6.01) (ISSN-1350-4177)
2. Indrajeet Pawar, Prathmesh Joshi, Akshay Kadam, Nishant Pande, Priyanka Kamble, Shruti Hinge, Barnali Banerjee, **Ashish V Mohod**, Parag R Gogate, Ultrasound based treatment approaches for intrinsic viscosity reduction of Poly Vinyl Pyrrolidone, *Ultrasonic Sonochemistry*, 21(2014)1108-1116 (I.F-6.01) (ISSN-1350-4177)
3. Barnali S. Banerjee, Archana V. Khode, Amit P. Patil, **Ashish V. Mohod** Parag R.Gogate, Sonochemical decolorization of wastewaters containing Rhodamine 6G using ultrasonic bath at an operating capacity of 2 liter, *Desalination and Water Treatment*, 52 (2014)1378-1387(I.F-1.383) (ISSN: 1944-3994)

4. Nileema Bokhale, Snehal Bomble, Rachana Dalbhanjan, Deepika Mahale, Shruti Hinge, Barnali Banerjee, **Ashish V Mohod**, Parag Gogate, Sonocatalytic and Sonophotocatalytic degradation of Rhodamine 6G containing wastewaters, *Ultrasonic Sonochemistry*,21(5)(2014)1797-1804 (I.F-6.01) (ISSN-1350-4177)
5. Yogesh S Karanjkar, Raveena M Dinde, Nikita M Dinde, Kanchan N Bawankar,Shruti P Hinge, **Ashish V Mohod**, Parag R Gogate, Degradation of magenta dye using different approaches based on ultrasonic and ultraviolet irradiations: Comparison of effectiveness and effect of additives for intensification, *Ultrasonic Sonochemistry*, 27 (2015)117-124 (I.F-6.01) (ISSN-1350-4177)
6. Deepika D Mahale, Nilesh N Patil, Diksha S Zodge, Priyanka D Gaikwad, Barnali S Banerjee, Kanchan N Bawankar, **Ashish V Mohod**, Parag R Gogate, Removal of patent blue V dye using air bubble-induced oxidation based on small glass balls: Intensification studies, *Desalination and water treatment*,57(34) (2015)15900-15909 (I.F-1.383) (ISSN: 1944-3994)
7. Nishant B Bhaskar, Akshay D Kadam, Jay Biwal, Pankaj Diwate, Rachana Dalbhanjan, Deepika Mahale, Shruti P Hinge, Barnali S Banerjee, **Ashish V Mohod**,Parag R Gogate, Removal of Rhodamine 6G from wastewater using Solar Irradiations in the presence of different additives, *Desalination and water treatment* 57(2015)1-11(I.F-1.383) (ISSN: 1944-3994)
8. Rachana Dalbhanjan, Nishant B Bhaskar, Barnali S Banerjee, Shruti P Hinge, **Ashish V Mohod**, Parag R Gogate, Degradation of Patent Blue V dye using modified photocatalytic reactor based on solar and UV irradiations *Desalination and water treatment*, 57(39) (2015)18217-18228 (I.F-1.383) (ISSN: 1944-3994)
9. Shruti Hinge, Manas Orpe, Kapil Sathe, Gaurav Tikhe, Kanchan N Bawankar, **Ashish V Mohod**, Parag R Gogate, Combined removal of Rh B and Rh 6G from wastewater using novel treatment approaches based on ultrasonic and ultraviolet irradiations, *Desalination and water treatment*, 57(50)(2016)23927-23939(I.F-1.383) (ISSN: 1944-3994)
10. **Ashish V Mohod**, Abhijeet S Subodhi, Parag R Gogate, Intensification of esterification of non-edible oil as sustainable feedstock using cavitation reactors, *Ultrasonic Sonochemistry*, 36(2017)309-318(I.F-6.01) (ISSN-1350-4177)
11. **Ashish V Mohod**, Parag R Gogate, Gabriel Viel, Paulo Firmino, Reinaldo Guidici, Intensification of biodiesel production using hydrodynamic cavitation based on high speed homogenizer, *Chemical Engg Journal*,361 (2017)751-757(I.F-6.735) (ISSN-1385-8947)
12. **Ashish V Mohod**, Parag R Gogate, Intensified synthesis of medium chain triglycerides using novel approaches based on ultrasonic and microwave irradiations, *Chemical Engg Journal*,317 (2017)687-698 (I.F-6.735) (ISSN-1385-8947)

13. **Ashish V Mohod**, Parag R Gogate, Improved crystallization of ammonium sulphate using ultrasound assisted approaches with comparison with the conventional approach, *Ultrasonic Sonochemistry*,41(2018)310-318 (I.F-6.01) (ISSN-1350-4177)
14. Dipika Mahale, Rachana Dalbhanjan, Barnali Banerjee, Shruti Hinge, **Ashish V Mohod**, Experimental investigation of preparation of grease and metallic soap from neem oil and karanja oil, *Journal of Chemical Engg and its application*, 2(3)(2017)1-9
15. **Ashish V Mohod**, Parag R Gogate, Intensified synthesis of medium chain triglycerides using ultrasonic reactors at a capacity of 4L, *Ultrasonic Sonochemistry*,42(2018)347-355(I.F-6.01) (ISSN-1350-4177)
16. **Ashish V Mohod**, Rajendra Raut, Shruti Hinge, Manisha Bagal, Dipak Pinjari, Process Intensified Degradation of Methyl Violet 2B Using UV-Air Bubble Induced Oxidation Based on Small Glass Balls, *Journal of Environmental Chemical Engineering*, 6(2018)574-582 (I.F-1.385) (ISSN-2213-3437)

#### List of papers presented in conferences (in relevant area only):

- Nishant Bhaskar, Akshay Kadam, Vijayshree More, **Ashish Mohod**, Scale up and optimization study using sonophotocatalytic degradation of polyvinyl pyrrolidone, CHEMCON -2012, held at Jalandhar, Punjab on December 27-30, 2012.
- Priyanka Kamble, Barnali Banerjee, Shruti Hinge, **Ashish Mohod**, Sonophotocatalytic degradation of Rhodamine 6 G using ultrasonic bath, CHEMCON -2012, held at Jalandhar, Punjab on December 27-30, 2012.
- Deepika Mahale, Nilesh Patil, **Ashish Mohod**, A new approach for treating industrial wastewater: Air marble cavitation, CHEMCON -2013, held at ICT, Mumbai on December 27-30, 2013, pp 266
- Kapil Sathe, Manas Orpe, Kanchan Bwankar, **Ashish Mohod**, Decolorization of two textile dyes i.e Rhodamine 6G and Rh B, CHEMCON -2013, held at ICT, Mumbai on December 27-30, 2013. pp 268
- Diksha Zodge, Priyanka Gaikwad, **Ashish Mohod**, Sonochemical Degradation of polyvinyl Pyrrolidone, CHEMCON -2013, held at ICT, Mumbai on December 27-30, 2013, pp 128
- Merlin Velloor, Nikita Dinde, Nidya Loknath, **Ashish Mohod**, Experimental investigation of preparation of grease and metallic soap from neem oil and karanja oil, CHEMCON -2013, held at ICT, Mumbai on December 27-30, 2013, pp 160
- Swati Aphale, Sayali Gholap, **Ashish Mohod**, Degradation of a dye Rhodamine 6G in aqueous solution using different catalysts, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 23.

- Diksha Zodge, Priyanka Gaikwad, **Ashish Mohod**, Destruction of polymer (PVP) using acoustic Cavitation, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 18.
- Yogesh karanjkar, Raveena Dinde, **Ashish Mohod**, Destruction of complex structured molecules using acoustic cavitation, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 27.
- Deepika Mahale, Nilesh Patil, **Ashish Mohod**, Process intensification and catalytic treatment for various commercial dye using air marble column, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 57
- Nishant Bhaskar, Sumit Karde, **Ashish Mohod**, Process intensification: biodiesel synthesis using low cost material such as waste cooking oil, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 36
- Snehal Bomble, Rachana Dalbhanjan, Tushar Nemade, **Ashish Mohod**, Biomedical waste management, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 31
- Kapil Sathe, Manas Orpe, Kanchan Bawankar, **Ashish Mohod**, Destruction of mixtures containing Rhodamine B and Rhodamine 6G using advanced oxidation process, FTWM-2014, held at AISSMS COE, Pune on January 15-17, 2014 pp 227
- Pereira Siena, Sawan Bhan, **Ashish Mohod**, Destruction of commercial dye Rhodamine 6G by using various catalyst under solar light irradiation, SCHEMCON-2014, held at IOT, Haldia on September 19-20, 2014
- Nileema Bokhale, Pratisha Gadekar, **Ashish Mohod**, Destruction of complex structured molecules using acoustic cavitation, SCHEMCON-2014, held at IOT, Haldia on September 19-20, 2014
- Diksha Zodge, Priyanka Gaikwad, Ritu Kale, Kanchan Bawankar, **Ashish Mohod**, Removal of Rhodamine B and Rhodamine 6G from the mixture using Ultrasonic Irradiation, SCHEMCON-2014, held at IOT, Haldia on September 19-20, 2014
- Sanket Shinde, Swati Aphale, **Ashish Mohod**, Degradation of patent blue V dye using modified photocatalytic reactor, SCHEMCON-2014, held at IOT, Haldia on September 19-20, 2014
- Gaurav Tikhe, Nikita Dinde, Kanchan Bawankar, **Ashish Mohod**, Removal of dyes from the mixture using ultraviolet irradiation, SCHEMCON-2014, held at IOT, Haldia on September 19-20, 2014
- Suyog Mahajan, Akshay Sonawane, **Ashish Mohod**, Degradation of patent blue V:

Air marble cavitation, SCHEMCON-2014, held at IOT, Haldia on September 19-20, 2014

- Shital Bangadkar, Manisha Khedekar, Kanchan Bawankar, **Ashish Mohod**, Intensified degradation of dye using ultrasound and ultraviolet irradiation, SCHEMCON-2015, held at MAE, Alandi, Pune on September 12-13, 2015
- Saurabh Patil, Kiran Shinde, Macarenhas Delton, Kanchan Bawankar, **Ashish Mohod**, Removal of Rhodamine 6G from Wastewater Using Solar Irradiations in the Presence of Different Additives, Schemcon-2015, held at MAE, Alandi, Pune on September 12-13, 2015
- Merlin Velloore, Mayuri Dhuri, Kanchan Bawankar, **Ashish Mohod**, Sonocatalytic and Sonophotocatalytic Degradation of Rh 6G Containing Wastewaters, Schemcon-2015, held at MAE, Alandi, Pune on September 12-13, 2015
- **Ashish Mohod**, A new cavitation method: Effective way to treat the effluents, MP Chary memorial lecture, Schemcon-2015, held at MAE, Alandi, Pune on September 12-13, 2015
- Shital Bangadkar, Prashant M Warke, Manisha M Bagal, Shruti P Hinge, **Ashish Mohod**, Sanjay P Danao, Process optimization: Photocatalytic Degradation of Patent Blue V Dye, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Manisha Khedekar, Prashant M Warke, Manisha M Bagal, Shruti P. Hinge, **Ashish Mohod** and Sanjay P Danao, Intensified Degradation of Textile Effluent Dye: Ultrasonic and Ultraviolet Irradiation Treatment approaches, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Saurabh P Patil, Prashant M Warke, Manisha M Bagal, Shruti P. Hinge, **Ashish Mohod** and Sanjay P Danao, Intensified Degradation of polyvinyl pyrrolidone (PVP) using advanced oxidation process treatment, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Kiran Shinde, Rajendra S Raut, Prashant M Warke, Manisha M Bagal, Shruti P. Hinge, **Ashish Mohod**, Intensification of waste water treatment process by introducing air in the sonochemical reactor, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Aryan Singh, Prashant M Warke, Kanaihya R Jethani, Shruti P Hinge, Manisha M Bagal, **Ashish Mohod**, Decolorization of Rhodamine 6G using Metal Oxides : Comparison of TiO<sub>2</sub> and CuO, National conference on Energy and Environment held at



Bharati Vidyapeeth, Pune on March 26-27, 2016

- Deka Pal, Vivek Borkar, Prashant M Warke, Manisha M Bagal, Shruti P Hinge, **Ashish Mohod**, Sanjay P Danao, Process Intensification And Process Optimization: Degradation Of Industrial Dye By Using Solar Light Irradiation, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Shahbaj Shaikh, Rajendra S Raut, Naina S Deshmukh, Manisha M Bagal, Shruti P. Hinge, **Ashish Mohod**, Kanaihya R Jethani, Removal of Patent Blue V Dye Using Air-Bubble induced oxidation based on Small Glass Balls: Intensification studies, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Momin Sufiyan, Swathipriya S, Rajendra S Raut, Naina S Deshmukh, Manisha V. Bagal, Shruti P. Hinge, **Ashish Mohod**, Combined removal of Rhodamine B and Rhodamine 6G from wastewater using novel treatment approaches based on ultrasonic and ultraviolet irradiations, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- Aryan Singh, Parth G Shah, Prashant M Warke, Kanaihya R Jethani, Shruti P Hinge, Manisha M Bagal, **Ashish Mohod**, Decolorization of Rhodamine 6G using Metal Oxides: Comparison of TiO<sub>2</sub> and CuO, National conference on Energy and Environment held at Bharati Vidyapeeth, Pune on March 26-27, 2016
- **Ashish Mohod**, Process intensification of Chemical Processing applications using cavitation reactors, MP Chary memorial lecture, Schemcon-2017, held at NIT, Rourkela on September 9-10, 2017
- Govind Tak, **Ashish Mohod**, Intensified degradation of Magenta Dye using Various Advanced Treatment Techniques, SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018
- Mayur Malsure, Kunal Ranjane, **Ashish Mohod**, Process Intensified Degradation of Methyl Violet 2B Using modified air bubble oxidation reactor, SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018
- Pratik Kivale, Sayali Chitodkar, **Ashish Mohod**, Intensified Synthesis of Biodiesel: Conventional Approach followed by Ultrasound Irradiation Approach, SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018
- Shubham Shinde, **Ashish Mohod**, Continuous flow with visible light induced reactor using Nanoparticles, SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018
- Manali Kulkarni, **Ashish Mohod**, Spent nuclear fuel for the generation of electricity, SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018

- Yashoda Patil, **Ashish Mohod**, Use of nanoparticles in solar panels, SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018

## Reviewer for International Journal

- Energy and Fuels (ACS Publication) (Impact Factor: 3.091)
- Research on Chemical Intermediates (Springer) (Impact Factor: 1.83)
- Chemical Engineering Communications, (Taylor and Francis) (Impact Factor: 1.83)
- Journal of Separation Science (Wiley) (Impact Factor: 2.741)
- Applied Catalysis A (Elsevier) (Impact Factor: 4.354)
- Brazilian Journal of Chemical Engineering (Impact Factor: 1.42)
- Heliyon (Elsevier) (Impact Factor: 1.23)

## CONFERENCE/WORKSHOPS/SEMINAR ORGANIZED:

1. National Seminar on 'Advances in heat transfer', Funding Agency: University of Pune, Amount: Rs. 60,000/-, Feb 28-29, 2012.
2. State Seminar on 'Advanced wastewater treatment technologies', Funding Agency: University of Pune, Amount: Rs. 25,000/-, Mar 25-26, 2013.
3. National conference on 'Frontier technologies in waste management', Funding Agency: All India Council for Technical Education, New Delhi, Amount: Rs. 2,00,000/-, Jan 15-17, 2014
4. National Seminar on 'Intensification of chemical processing using novel reactors', Funding Agency: University of Pune, Amount: Rs. 2,00,000/-, Jan 9-10, 2015.
5. National Seminar on 'Advanced computational techniques for engineering applications', Funding Agency: University of Pune, Amount: Rs. 50,000/-, Jan 31-Feb 1, 2014.
6. 2 nd Indo-German Colloquium on 'Water Management in India', Funding Agency: AISSMS, Pune, Jan 28-29, 2015.
7. National Seminar on 'Sustainable Technologies for Specialty, Fine and Intermediates Chemicals', Funding, Agency: Savitribai Phule Pune University, Amount: Rs. 2,00,000/-, Mar 18-19, 2016.
8. Organized Promising and Innovative Young Chemical Engineers Award under IChE PRC Region on March 26, 2017.
9. Indo-German Conference on 'Water Management in India', Funding Agency: Federal Ministry of Germany and VESBE, Germany, Amount 5, 67,000/-, May 29, 2017

10. Two day national Seminar on “Advances in Reactor Design” organized by Department of Chemical Engg, AISSMS COE, Pune, Amount 2, 00,000/-, February 27-28, 2017.

### **Course/Seminar/Symposium/Workshop attended**

- Participated in National Level Technical Paper Presentation at “POLY-ERA 2005” in College of Engineering and Technology, Akola.
- **Second Prize** in National Level Technical Paper Presentation at “INSIGHT 06” in Anuradha College of Engineering, Chikhli.
- Participated in In-house Induction Training Programming for Teachers in 2008 in Anuradha College of Engineering, Chikhli.
- Participated in the TEQIP Science Workshop organized by ICT, Mumbai on dated Feb 07, 2009.
- Participated in the Two Day workshop of “Recent advances on waste water treatment” organized by ICT, Mumbai on dated Dec 16-17, 2009
- Participated in the Three Day workshop on “Process Intensification of Chemical Processing Applications” held in ICT, Mumbai on dated Jan. 28- 30, 2011.
- Participated in the Five Day workshop cum training course of Chemical Engineering Laboratory organized by ICT, Mumbai on dated Sept 28-Oct 02, 2011.
- Organized and participated in “Institutional Training Programme” by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum and Natural Gas, Government of India held at AISSMS COE, Pune on dated October 4, 2012.
- Participated and presented poster in CHEMCON-2012 held at NIT, Punjab on dated Dec 27-30, 2012
- Participated in One day workshop on “Computational Fluid Dynamics” organized by AISSMS COE, Pune on dated March 22, 2013.
- Organized and Participated in Two day state level seminar on “Advanced waste water treatment technologies” organized by AISSMS COE, Pune on dated March 25-26, 2013
- Participated in “Faculty Development Programme” organized by AISSMS COE, Pune on dated June 10-12, 2013.
- Participated in two day national level seminar on “Role of bio-energy in sustainable product development” organized by MIT Academy of Engineering, Pune on dated August 30-31, 2013.

- Participated and presented poster in CHEMCON-2013 held at ICT, Mumbai on dated Dec 27-30, 2013
- Organized and Participated in Three day national conference on “frontier technologies in waste management” organized by AISSMS COE, Pune on dated Jan 15-17, 2014
- Participated in two day 10<sup>th</sup> Annual session Students Chemical Engineering Congress SCHEMCON 2014 organized by Haldia Institute of Technology, Haldia, WB, India on dated September 19-20, 2014.
- Participated at a state level seminar on “Intensification of Chemical Processing using Novel Reactors” organized by AISSMS COE, Pune on dated January 9-10 and 22, 2015.
- Participated in two day 10<sup>th</sup> Annual session Students Chemical Engineering Congress SCHEMCON 2015 organized by MAE, Alandi, India on dated September 12-13, 2015
- Participated in two day state level workshop on ‘ Rubber Technology’ (SLWRT) organized by Department of polymer Engg., MIT, Kothrud, Pune on dated January 7-8, 2016
- Organized and Participated in two day national Seminar on “Sustainable Technologies for Specialty and Fine chemicals” organized by Department of Chemical Engg, AISSMS COE, Pune on dated March 18- 19, 2016.
- Participated in two day national Seminar on “Energy and Environment” organized by Department of Chemical Engg, BV COE, Pune on dated March 26- 27, 2016.
- Participated in “Faculty Development Programme” organized by AISSMS COE, Pune on dated August 25-26, 2016.
- Organized and Participated in two day national Seminar on “Advances in Reactor Design” organized by Department of Chemical Engg, AISSMS COE, Pune on dated February 27-28, 2017.
- Organized and Participated in AVISHKAR-2017 organized by University Research Cell, UOP, Pune on dated December 19, 2017.
- Participated in “Faculty Development Programme” organized by AISSMS COE, Pune on dated July 14, 2018.
- Participated in SCHEMCON 2018, held at ICT, Mumbai on October 26-27, 2018

### **Invited Speaker**

- National Level Seminar on “Intensification of Chemical Processing using Novel Reactors” organized by AISSMS COE, Pune on dated Jan 9-10 and 22, 2015.

- As a resource person in Five Days Faculty Development Program on “Application of Separation Techniques in Chemical Engineering, on dated 11-12-2017 to 15-12- 2017 organized by Chemical Engineering Department, Dr. D.Y.Patil Institute of Engineering Management and Research, Pune

## Professional Memberships

- Associate member of Institution of Engineers, IEI, (AM-153544-5)
- Life Member of Institution of Chemical Engineers IICChE (LM-51547)

## Co-ordinator

- Indo-German Collaboration
- STP at AISSMSCOE, Pune
- NAAC at Department level
- R&D
- Exam
- Winter Research Training Program
- Students Chapter

## References

| <b>Dr Parag R Gogate</b>  | <b>Dr Reinaldo Giudici</b>   | <b>Dr Dipak Pinjari</b>   |
|---|--|---|
| Associate Professor<br>Chemical Engineering Department<br>Institute of Chemical Technology,<br>Mumbai | University of Sao Paulo,<br>Department of Chemical<br>Engineering, Sao<br>paulo, Brazil, 900 | DST, Inspire, Assistant Professor<br>Chemical Engineering Department<br>Institute of Chemical Technology,<br>Mumbai |
| Mobile No: 9820491575<br>Email: pr.gogate@ictmumbai.edu.in  | Telephone No.: 55 11 3091<br>5214, Email: rgiudici@usp.br                                    | Mobile No:9967719496<br>Email: dv.pinjari@ictmumbai.edu.in  |