

**Name** **MR. RAJU K. MARAG**  
**M.TECH(Petrochemical)**

**Designation** Assistant Professor

**Department** Chemical

**Date of Joining the Institute** 16/07/2012

**Education** Diploma in Chemical,GPJ,2004  
B.E.(Chemical Engineering),JNEC, 2007  
M. Tech. LIT, 2009

**Branch / Specialization** Petrochemical

**Areas of Interest** Renewable energy sources, Petrochemicals, Optimization

**Email** raju.marag@famt.ac.in



#### Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 16/07/12 to till Date	Assistant Professor
Indo-German Petrochemical Ltd	From 03/12/2009 to 07/07/2012	Chemical Engineer
Total Experience – 13 Years		

#### Papers Presented/Published in National / International Journals - 04

##### International Journals – 04

1. Paper titled “ **Experimental Investigation of Temperature & Reaction Time for Preparation of Silica from Wheat Husk**”published in INTERNATIONAL JOURNAL of Engineering, Technology, Science & REACERCH (IJETSR: 2394-3386).
2. Paper titled “**Study of Effect of Concentration on Adsorption of Methyl Red Dye using different Adsorbents**”published in INTERNATIONAL JOURNAL FORREACERCH IN APPLIED SCIENC & ENGINEERING (IJRASET: 1741-1745).

3. Paper titled "**Ethyl Alcohol Production by Fermentation of Diluted Sugarcane Molasses using Saccharomyces Cerevisae and its Optimization**" published in International Journal of Scientific Research and Review.
4. Paper titled "**Extraction of Lemongrass Oil & Formation of Perfume**" published in International Journal for Research in Applied Science & Engineering Technology.

#### Papers Presented/Published in National/ International Conferences - 02

1. Paper presented entitled "**Experimental Investigation of Temperature & Reaction Time for Preparation of Silica from Wheat Husk**" in International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2018) at Indian Council of Social Science Research, North West Regional Centre, Punjab University Campus Chandigarh, India on 11<sup>th</sup> March 2018.
2. Paper presented entitled "**Ethyl Alcohol Production by Fermentation of Diluted Sugarcane Molasses using Saccharomyces Cerevisae and its Optimization**" in 4<sup>th</sup> International Conference Of New Frontiers Of Engineering Management, Social Science & Humanities.

#### National Conferences – 02

1. Paper presented titled "**Synthesis of Superabsorbent Polymer**" at 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri.

Paper Published in Proceeding of **Conference ISBN: 978-93-83046-31-7**, pp. 390-393

2. Paper presented titled "**Experimental study on determination of fraction factor in Helical Coil**" at 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri.

Paper Published in Proceeding of **Conference ISBN: 978-93-83046-31-7**, pp. 403-405

#### Number of Workshops, Seminars, STTPs, FDPs Attended – 15

##### STTPs and FDPs

1. Attended online FDP on "**Chemical Engineering Towards Sustainability & Process Intensifications**" organized by Chemical Engineering Department in GHARDA INSTITUTE OF TECHNOLOGY, LAVEL 15-17 June, 2020.
2. Attended online FDP on "**Creativity, Innovation & Design Thinking**" organized by Chemical Engineering Department in D Y Patil College of Engineering & Technology, Kasaba, Bawada, Kolhapur 18 June, 2020.
3. Attended online FDP on "**Municipal Solid Waste Management During Covid - 19 Pandemic**" organized by ANURAG UNIVERSITY by state of Telangana Venkatapur 28-30 May, 2020.

4. Attended One week AICTE sponsored STTP On "**Reactive Separations: Fundamentals through Modeling & Simulations**" organized by Chemical Engineering Department Of Dr. Babasaheb Ambedkar Technological University, Lonere , Raigad Maharastra & Padmabhooshan Vasantraodada Patil Institute of Technology Budhgaon, sanli, maharastra on 23-27 December 2019.
5. Attended One-week ISTE approved STTP on "**Open source Solutions in Teaching Learning Process**" organized by Department of Information Technology, Finolex Academy of Management and Technology, Ratnagiri on 24-28 June 2019.
6. Attended Two days' workshop on "**Intellectual Property Rights (IPR)**" organized by Research, Development & Consultancy Committee, FAMT, Ratnagiri 15-16 March 2019.
7. Attended Two days' workshop on "**Intellectual Property Rights (IPR)**" organized by Research, Development & Consultancy Committee, FAMT, Ratnagiri 24-25 March, 2018.
8. Attended AICTE approved faculty development Programme on "**Pedagogy or Online and Blended Teaching- Learning Process**" conducted by Indian Institute Of Technology Bombay from September 14,2017 to Octomber 12,2017.
9. Attended AICTE approved faculty development Programme on "**Foundation Program In ICT For Education**" conducted by Indian Institute Of Technology Bombay from August 3,2017 to september7,2017.

### **Workshops**

1. 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.
2. Attended One Day Workshop on "**Computational Fluid Dynamics**" organized by Chemical Engineering Department in Finolex Academy of Management and Technology, Ratnagiri on 9 October, 2015.
3. Attended Two Week ISTE Workshop on "**Control Systems**" conducted by Indian Institute of Technology Kharagpur under the National Mission on Education through ICT (MHRD) organized in Finolex Academy of Management and Technology, Ratnagiri during 2-12, December, 2014.
4. Attended Two Week ISTE Workshop on "**Fluid Mechanics**" conducted by Indian Institute of Technology kharagpur under the National Mission on Education through ICT (MHRD) organized in Finolex Academy of Management and Technology, Ratnagiri during 20-30, May, 2014.
5. Attended Two Week ISTE Workshop on "**Engineering Thermodynamics**" conducted by Indian Institute of Technology Bombay under the National Mission on Education through ICT (MHRD) organized in Finolex Academy of Management & Technology, Ratnagiri during 11-21, Dec, 2012.

### Seminars

1. Attended Seminar on “ **Refinery operations Management & Technology**” organized by Chemical Engineering Department in Finolex Academy of Management and Technology, Ratnagiri on 6 May, 2020.
2. Attended Seminar on “ **Career Planning and Adaptability to future uncertainties**” organized by Chemical Engineering Department in D Y Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur on 13 June, 2020.
3. Attended Seminar on “ **Future Trend of Automotive Industry - Technology Transition & Skill Requirements**” organized by Chemical Engineering Department in D Y Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur on 20 June, 2020
4. Attended Two day’s state level seminar on “ **Process Intensification & Integration A need of Present & Future world**” organized by MITAoE, Alandi, Pune on 22 /12/ 2018.
6. Attended Two Days National Seminar on Applications of “**Mathematical Model**” organised by MIT, AOE, Alandi, Pune.

### College Exam Duties

1. Worked as an **Examination Coordinator** FOR FIRST HALF-2021 ONLINE EXAMINATION
2. Worked as an **Examination Member for Dec 2020, Jan 2021 Examination** (ATKT as well As regular examination)
3. Worked as an **Assistant CAP coordinator** for the Dec 2016 paper assessment at **FAMT ENGG. CAP.**
4. Carried out exam related duties such as **Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.

### Other Experience

#### College Level Committees

1. Working as a **Deputy TPO** of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as an **Industry Institute Interaction Committee member.**
3. Working as a member of the **NBA Institute Level Criteria 9.5**
4. Working as a **Member** of **Samwad magazine** of Finolex Academy of Management and Technology, Ratnagiri.
5. Working as a **Training & Placement Coordinator** of chemical department.
6. Worked as an **Examination Coordinator** .

7. Worked as **Foyer** in Admission Committee.
8. Worked as departmental organizing **committee member** in 2nd National Conference on **"Recent Advances in Science and Technology"**
9. Working as a department coordinator for **NAAC Criteria V committee**
10. Working as a **ACES Incharge**.
11. Worked as a Academic **Diary** Coordinator of chemical department.
12. Worked as a **Industrial Visit Coordinator**.
13. Worked as a member of departmental **Internal Assessment Committee**.
14. Worked as a member of departmental **Result Analysis committee**.
15. Worked as a member of departmental **Time Table In charge**.
16. Worked as a University oral/Practical exam coordinator.

#### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Solid Fluid Mechanical Operations	S. E. Chem (Sem - III)	7 Year
2.	Petroleum Refining Technology	B. E. Chem (Sem - VII)	7 Year
3.	Chemical Technology	S. E. Chem (Sem - III)	5 Year
4.	Industrial Safety	B. E. Chem (Sem - VIII)	1Year
5.	Plant Utility	S. E. Chem (Sem - IV)	2 Year
6.	Environmental Studies	T. E. EXTC & ETRX (Sem - V)	3 Year
7.	Chemical Reaction Engineering II	T.E. Chem (Sem VI)	3 Year