

Name	Dr. Nitin Gajanan Kanse M Tech (Chemical Engineering), Ph.D. (Chemical Engineering)
Designation	Head and Associate Professor
Department	Chemical Engineering
Date of Joining the Institute	07/12/2011
Education	Diploma in Chemical Engineering 2005 B. Tech Chemical Engineering 2008 M Tech Chemical Engineering, LIT, 2010 PhD in Chemical Engineering, LIT, 2019
Branch / Specialization	Modeling and Simulation in Chemical Engineering, Polymer Technology Computer Programming and Numerical Methods, Computational Fluid Dynamics
Areas of Interest	
Email	nitin.kanse@famt.ac.in , nitin_475@yahoo.co.in
Personal Homepage link	https://nitinkanse.wordpress.com



Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
FAMT, Ratnagiri	9th Jan 2022 to Till Date	Associate Professor
FAMT, Ratnagiri	7th Dec. 2011 to 9th Jan 2022	Assistant Professor
TKIET, Warananagar	26 July 2011 to 5 Dec. 2011	Assistant Professor
JDIET Yavatmal	19 July 2010 to 23 July 2011	Lecturer
Total Experience – 13 Years		

Research Grant/Funding Project

Title of the Research Project	: “Separation of Azeotropic Mixture by Pervaporation ”
Research Project No	: 108
Ref No.	: APD/237/601 of 2019
Project Coordinator	: Prof Nitin Gajanan Kanse
Name of funding Organization/s	: University of Mumbai
Total Amount Received in Rs.	: 25000/-

Achievement/Awards / Honors / Prizes

- + Secured **Elite Grade (72%)** In **NPTEL** (Feb- March 2018] for Matlab Programming for Numerical Computation Course.
- + Received **Best Young Researcher Award** of Institute of Technical and Scientific Research ITSr Foundation Award-2020 at Jaipur (Rajasthan) on 23rd February 2020.
- + Received certificate of recognition for **Student Project Program-2022** (Higher Education Institutions Level) as a Guide by Institute of Scholars (InSc)

Seminars/Lecture/Invited Talks Conducted

1. Delivered **Guest Lecturer** on “**Application of Polymath in Chemical Engineering** “ in PVPIT, Budhgaon, Sangli on dated 19th February 2013
2. Delivered **Guest Lecturer** on “**Application of MATLAB in Chemical Engineering**” in PVPIT, Budhgaon, Sangli on dated 8th March 2013

Book Chapters Published

1. Book chapter published in Novel water treatment and separations methods entitled “Modeling of ethanol/water separation by Pervaporation membrane process. (2018) pp. 245-260, Chapter 18. Publisher: Apple Academic Press Inc. Canada.

Papers Published

Papers Presented/Published in National / International Journals - 20

International Journals – 15

1. Miss. Chaitali Narendra Gohatre, Dr. Rakesh Kumar, **Dr. Nitin Gajanan Kanse**, Performance Evaluation Of Heat Exchanger Using Simulation Tool With Different Thermodynamic Property Packages, International Research Journal of Modernization in Engineering Technology and Science, Volume:05/Issue:08/August-2023, pp. 1566-1577
2. **Nitin G. Kanse**, Devendra Matondkar, Sonali Bane & Prajakta Matondkar “Overview of Pressure –Swing Distillation Process for Separation of Azeotropic Mixture” International Journal of Research and Analytical Reviews Vol.6 , JAN-MARCH 2019 , page no.674-678
3. Abhijeet Patil,* Prashant Dhanke, Vivek Kore, **Nitin Kanse**, Thumba methyl ester production using prepared novel TiO₂ nano-catalyst in ultrasonic, Elsevier Journal Materials Today: Proceedings, Vol. 5, 2019, pp.2102-2107

4. Prashant Dhanke,*, Abhijeet Patil, Vivek Kore, **Nitin Kanse**, “ Phosphate Removal From Waste Effluent Using Improved Fly Ash” Elsevier Journal Materials Today: Proceedings, Vol. 5, 2018, pp. 17889–17894
5. Saurabh S. Mahatme , **Nitin G. Kanse**, Annasaheb K. Bandsode “Pulp And Paper Production From Pineapple Leaves As A Substitute To Wood Source: A Review” International Journal Of Creative Research Thoughts, Volume 6, Issue 2 April 2018.
6. **Nitin G. Kanse**, Shah Chirag, Suryawanshi Vishal “Effects of Operating Parameters on Extraction of Pectin from Orange Peel’s” International Journal of Engineering Technology Science and Research, Volume 5, Issue 4, April 2018.
7. Prashant Dhanke, Sameer Wagh, **Nitin Kanse** “Degradation of Fish Processing Industry Wastewater in Hydrocavitation” Elsevier journal Materials Today: Proceedings, Vol. 5 (2018). pp. 3699–3703.
8. **Nitin G. Kanse**, S. D. Dawande “Effect of temperature and solution concentration on Pervaporation for separation of azeotropic mixtures” Elsevier journal Materials Today: Proceedings, Vol. 5 (2018), pp. 3541-3550
9. **Nitin G. Kanse**, S. D. Dawande “Separation of Ethanol/Water (Azeotropic mixture) by Pervaporation” Elsevier journal Materials Today: Proceedings, Vol. 4 Oct. 2017, pp. 10520–10523
10. **Nitin G. Kanse**, Mokal Deepali, Patil Kiran, Bhandurge Priyanka and Prashant Dhanke “A Review on Citric Acid Production and Its Applications” International Journal of Current Advanced Research, Volume 6; Issue 9, September (2017), pp. 5880-5883
11. **Nitin G. Kanse**, Shah Chirag, Salunkhe Swapnil, Suryawanshi Vishal “Extraction of Pectin from Orange Peel’s and Its Applications: Review” International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 9, September(2017), pp. 19452-19457,
12. **Nitin G. Kanse***, S. D. Dawande “Comparative Study of Pervaporation Separation of IPA/water Mixture using Different Membranes”. Elixir Chem. Engg. 100 (2016) 4341043413, ISSN:2229-712X, Global Impact Factor: 0.454
13. **Nitin G. Kanse***, Dr. S. D. Dawande “A Review of Pervaporation Membrane System for the Separation of Ethanol/Water (Azeotropic Mixture)” International Journal of Engineering Sciences & Research Technology, 4.(12) . December, (2015), pp.472-479
14. Ghanshyam Pandhare, Nikhilesh Trivedi, **Nitin Kanse**, S.D.Dawande “Synthesis of low cost Adsorbent from Azadirachta Indica Leaf Powder” International Journal of Advanced Engineering Research and Studies, Vol. II/ Issue II/Jan.-March.,(2013), pp.29-31
15. Dhundiraj P. Deshpande, S.V.Aneker and **N. G. Kanse** “Catalytic cracking of used palm oils”, International Journal of Biotechnology, Chemical & Environmental Engineering (IJBCEE) Vol.1, (1), April (2012), pp.28-32

National Journals – 05

1. Chaitali Narendra Gohatre , Rakesh Kumar **Nitin Gajanan Kanse**, Design and Performance Evaluation of Heat Exchanger for Food Processing Using Simulation Tool with Different Parameters, JJTU Journal of Renewable Energy Exchange, Volume 11 Issue 4 (2023), PP 95-104
2. Chaitali Narendra Gohatre , Noopur Mahawar , **Nitin Gajanan Kanse**, A Review on “Design and Performance Evaluation of Heat Exchanger for Food Processing Using Simulation Tool” , JJTU Journal of Renewable Energy Exchange, Volume 11, Issue 3(2023), PP 1-7
3. Padole Manjusha, Sapkal Pradyumna, Dawande S.D. and **Nitin Kanse** “Heat Integration of Crude Organic Distillation Unit” Research Journal of Engineering Sciences, Vol. 2(2), 1-6, February (2013), pp.47-55
4. **Kanse Nitin G.**, Dhanke P.B. and Thombare Abhijit “Modeling and Simulation Study of the CSTR for Complex Reaction by Using Polymath” Research Journal of Chemical Sciences Vol. 2(4), April (2012), pp.79-85
5. **Kanse Nitin G.** and Dawande S.D. “RTD Studies in Plug Flow Reactor and its Simulation with Comparing Non Ideal Reactors” Research Journal of Recent Sciences, Vol. 1(2), 42-48, Feb. (2012), pp. 42-48

Papers Presented/Published in National/ International Conferences - 30

National Conferences – 22

1. Paper presented entitled “ Utilisation Of Banana Fibre For Making Wrapping paper ” in National Level Technical Symposium organized by IChE Student Chapter and ChESA Department of Chemical Engineering, Pravara Rural Engineering College Loni, on 19th May 2023.
2. Paper presented entitled “Enhanced Biodiesel Production from Groundnut Oil with Supported Cesium Tungstophosphoric Acid Catalyst System” in National Level Technical Symposium organized by IChE Student Chapter and ChESA Department of Chemical Engineering, Pravara Rural Engineering College Loni, on 19th May 2023.
3. Paper presented entitled “ Solvent Extraction of Kokum Butter from Garcinia Indica Choisy Seeds ” in National Conference on Advances in Material and Processes for Sustainable Applications (**AMPSA-2023**) organized by Gharda Institute of Technology, Lavel on 23rd to 25th March 2023.
4. Paper presented entitled “Preparation of Wine from Mix Fruit and its Characterization” in National Conference on Advances in Material and Processes for Sustainable Applications (**AMPSA-2023**) organized by Gharda Institute of Technology, Lavel on 23rd to 25th March 2023.
5. Paper presented entitled “Application of Pervaporation and Vapor Permeation in Environmental Protection” in national Conference on Recent Advances in Chemical Engineering and Technology (**RACET-2023**) organized by University Institute of Chemical Technology, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jagaon(MS) on 18th March 2023

6. Paper presented entitled “**Effects of Operating Parameters on Extraction of Pectin from Orange Peel’s**” in **SHODH 2018** organized by Gharda Institute of Technology, Lavel on, 10-11, March 2018.
7. Paper presented entitled “**Modeling of Ethanol/Water separation by Pervaporation Membrane Process**” in National Conference on Recent trends in Chemical Engineering and Technology (**REACT-2016**) organized by Laxminarayan Institute of Technology, Nagpur on 27-28, February, 2016.
8. Paper presented entitled “**Hydrocarbon feedstock from Castor Oil**” in 2nd National Conference on Recent Advances in Science and Technology (**RAST2k16**) organized by Department of Chemical Engineering, FAMT Ratnagiri on 17-18, February, 2016.
9. Paper presented entitled “**Production of Bio-Diesel using Ultrasonic Cavitation Reactor**” in 2nd National Conference on Recent Advances in Science and Technology (**RAST2k16**) organized by Department of Chemical Engineering, FAMT Ratnagiri on 17-18, February, 2016.
10. Paper presented entitled “**Modeling and Simulation of Methyl Tertiary Butyl Ether (MTBE) Reactive Distillation column using ASPEN PLUS**” in the 2nd National Conference on Recent Advances in Science and Technology (**RAST2k16**) organized by Department of Chemical Engineering, FAMT Ratnagiri on 17-18, February, 2016.
11. Paper presented entitled “**Production of Bio-Diesel Using Oscillatory Reactor: A Process Intensification Technique**” in the **CHEMCON-2013** 66th Annual Indian Chemical Engineering Congress organized by Institute of Chemical Technology, Mumbai 400 019, on 27-30, December, 2013
12. Paper presented entitled “**Fluoride Removal from Drinking Water By Adsorption - A Theoretical Review Using Bone Char as a Biosorbent**” in the Two Day technical event National Conference on **GREENCHEM-2013** organized by Department of Chemical Engineering, Jawaharlal Darda Institute of Engineering and Technology, Yavatmal on 11-12, October, 2013.
13. Paper presented entitled “**Performance of Pervaporation Membrane Separation Technique and Its applications**” in the **SCHEMCON-2013** 19th Annual Session Students Chemical Engineering Congress organized by Department of Chemical Engineering, MVGR College of Engineering, Vijayaramnagar Campus, Chinthalavalasa,(AP) on 14-15, September, 2013.
14. Paper presented entitled “**Bio-Filtration for control of air pollution**” in National conference on Green Chemistry and Engineering (**NCGCE-2013**) organized by Department of Chemical Engineering Visvesvaraya National Institute of Technology, Nagpur on 22nd March, 2013
15. Paper presented entitled “**Study of biodiesel production from linseed oil using transesterification**” in National Conference on Emerging Trends in Engineering and Technology (**NCETETA-2012**) organized by Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, Sangali on 18-19, February, 2013.
16. Paper presented entitled “**Simulation Study of the CSTR for Complex Reaction by Using Polymath**” in the National conference **GreenChem-2012** organized by Jawaharlal Darda Institute of Engineering and Technology, Yavatmal on 27-28, February, 2012.

17. Paper presented entitled “**Algal Biofuel Production Technologies: A Review**” in the National Conference on Emerging Trends in Engineering, Technology and Architecture (**NCETETA-2012**) organized by D. Y. Patil College of Engineering and Technology, Kasaba Bawada, Kolhapur on 28-29, January, 2012.
18. Paper presented entitled “**Performance Analysis of Shell and Tube Heat Exchanger Using Polymath**” in the Indian Chemical Engineering Congress, 64th annual session **CHEMCON-2011** organized by M. S. Ramaiah Institute of Technology, Bangalore on 27-29, December, 2011.
19. Paper presented entitled “**Catalytic Cracking of Vegetable Oils – Alternate Route to Liquid Fuels**” in the National conference on **The Renewable Energy Sources- A plausible solution to looming energy crisis** sponsored by ministry of New and Renewable Energy Gov of India organized by Shrinathji Institute of Technology and Engineering, Upali-Oden Nathdwara, Rajasthan on 25-26 June. 2011.
20. Paper presented entitled “**Nanotechnology for Human Health Care**” in the **NCNST-2011** organized by Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur on 21-22 February, 2011
21. Paper presented entitled “**Removal of Arsenic Using Waste Oyster Shell**” in the National conference **Eev-2011** organized at Vits Hotel Aurangabad on 19-20 February, 2011.
22. Paper presented entitled “**Simulation of Non-Ideal Reactor Using Residence Time Distribution Function**” in **CHEMCON-2010** organized by Indian Institute of Chemical Engineers, Annamalai, Tamilnadu on 27-30 December, 2010.

International Conferences – 08

1. Paper presented entitled “Modeling and Simulation of Vacuum Membrane Distillation for Desalination” in International Conference on **Technological Interventions for sustainability** organized by Department of Chemical Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj on 14th -16th April 2022.
2. Paper presented entitled “Comparison of Non-Ideal Reactors using Residence Time Distribution Function and its Simulation by Polymath” in **15th Annual Session** of students Chemical Engineering Congress organized by Student Chapter of IChE Department of Chemical Engineering Shroff S R Rotary Institute of Chemical Technology, Gujarat on 17th -18th October 2019
3. Paper presented entitled “Effects of Operating Parameters on Extraction of Pectin from Orange Peel's” in International Conference on **Advancements and Innovations in Engineering, Technology** organized by St. PETER'S ENGINEERING COLLEGE. Telangana on 27th - 28th April, 2018
4. Paper presented entitled “**Effects of Operating Parameters on Extraction of Pectin from Orange Peel's.**” in International Conference on Advancements and Innovations in Engineering, Technology organized by St. PETER'S ENGINEERING COLLEGE. Telangana on 27th - 28th, April 2018
5. Paper presented entitled “**Effect of temperature and solution concentration on Pervaporation for separation of azeotropic mixtures.**” in 7th International conference on Materials processing and Characterization (**ICMPC-2017**) organized by department of mechanical engineering,

Gokaraju Rangaraju Institute of engineering and technology, Hyderabad on 17th -19th March, 2017.

6. Paper presented entitled “**Separation of Ethanol/Water (Azeotropic mixture) by Pervaporation using PVA Membrane**” in International Conference on Recent Trends in Engineering and Material Science (**ICEMS-2016**) organized by Jaipur National University on 17-19, March, 2016.
7. Paper presented entitled “**Design and Optimization of Tanks in Series Model for Residence Time Distribution Function using Polymath**” in the Indian Chemical Engineering Congress, 65th annual session of Indian Institute of Chemical Engineers, **CHEMCON-2012** organized by Indian Institute of Chemical Engineers Doaba Regional center and Department of Chemical Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Panjab on 27-30 December, 2012.
8. Paper presented entitled “**Modeling and Simulation of the Tank in Series Model Using Polymath**” in the 1st International Science Congress (**ISC-2011**) organized by Maharaja Ranjit Singh College of Professional Science, Indore on 24-25 December, 2011.

Number of Workshops, Seminars, STTPs, FDPs Attended – 30

STTPs and FDPs

1. Attended a five days Virtual Faculty Development Program (FDP) on "**Green Technology and Sustainability-2023**" Organized by Department of Petrochemical Engineering, JCT College of Engineering on 24th to 28th July 2023.
2. Attended Faculty Development Program (FDP) on "**Sustainable Energy Management**" Organized by Department of Chemical Engineering and Civil Engineering, Dr. D. Y. Patil Institute of Engineering, Management and Research, ,Akurdi, Pune on 18^h to 22nd July 2023.
3. Attended 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 on 20th to 25th Feb 2023.
4. Participated in one week online Faculty Development Program on “**Outcome Based Teaching-Learning**” organized by Department of Chemical Engineering, Pravara Rural Engineering College, Loni on 21st to 25th March 2022.
5. Participated in one week online Faculty Development Program on “**Challenges and Opportunities in Recent Emerging Technologies**” Sponsored by TEQIP-III and organized by Department of Chemical Engineering, SGGSIE&T, Nanded, Maharashtra (India) on 6th to 10th July 2020.
6. Attended five day Online Faculty Development Program (FDP) on **RECENT INNOVATIONS IN CHEMICAL ENGINEERING (RICE)** organized by Department of Chemical Engineering, BKIT BHALKI held during 29th June to 3rd July 2020.

7. Participated in 5-Days online FDP on “**Development and Impact of Recent Technologies & Innovations in Chemical Engineering**” organized by Department of Chemical Engineering Mahatma Gandhi Mission’s College of Engineering & Technology, Sector-18, Kamothe, Navi Mumbai, on 21st -25th, June 2020.
8. Attended one week STTP on “**Reactive Separations: Fundamentals through modeling and simulation**” organized by Chemical Engineering Department, BATU, Lonere and Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, Sangli, Maharashtra on 23rd -27th, December 2019.
9. Attended Short Term Training Programme sponsored by ISTE on “**Effective Research Methodology**” organized by Priyadarshini Institute of Engineering & Technology, Nagpur during 5-16, October, 2015.
10. Attended Faculty Development Program on “**Application of CFD in Chemical Engineering**” conducted by Department of Chemical Engineering, Pravara Rural Engineering College Loni, on 24-25, August, 2015.
11. Attended One week interdisciplinary STTP on “**Application of Bioprocess and Nanotechnology in Chemical Engineering**” organized by Department of Chemical Engineering, SGGS Institute of Engineering and Technology, Nanded during 18-22, December, 2014.
12. Attended Two Week interdisciplinary short term training programme approved by ISTE, New Delhi on “**Advances in Heat Transfer, Fluid Mechanics and Mass Transfer**” organized by Department of Chemical Engineering Jawaharlal Darda Institute of Engineering & Technology, Yavatmal during 2 -11, December, 2013.
13. Attended Two Week AICTE Sponsored staff development programme on “**Recent Advances in Chemical Process Control**” Conducted by Department of Chemical Engineering Sinhgad College of Engineering, Pune during 16-28, May, 2011.

Two Week or One Week Workshops

1. Attended Workshop on “**Recent Trends in Chemical and Manufacturing Industries**” Organized by Department of Chemical Engineering and Mechanical Engineering, Shivajirao S. Jondhale College of Engineering, Sonarpada, Dombivli (East), Thane on 4th to 8th July 2022.
2. Attended Workshop on “**Advances in Fluid, Heat and Mass Transfer**” Jointly Organized by Department of Chemical Engineering and Department Mechanical Engineering, Sir Visvesvaraya Institute of Technology, Nashik on 5th to 9th July, 2021.
3. Attended Workshop on “**Intellectual Property Rights (IPR) Awareness : Patent Drafting and Filing**” organized by Research and Development Cell BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, PUNE on 23rd to 25th July, 2020
4. Attended One week Workshop on “**Refresher course in Chemical Engineering and Technology**” which is Jointly Organized by Chemical Engineering Department, Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra and Chemical Engineering

Department, Padmabhooshan Vasantraodada Patil Institute of Technology, Budhgaon, Sangli, Maharashtra on 18th -22nd June, 2019.

5. Attended One week workshop on “**Design and Analysis of Process Equipment using Computational Tools**” organized by Sir Visvesvaraya Institute of Technology, Chincholi, Nashik during December 17-21, 2018.
6. Attended One week workshop on “**Utilization of Computer Techniques for Chemical Engineering**” organized by D. Y. Patil College of Engineering and Research and Management, Pune during June, 06-12, 2017.
7. Attended One week workshop on weekends on “**Funding Schemes Available for Research Proposal**” organized by Research, Development and consultancy cell (RDCC), Finolex Academy of Management and Technology, Ratnagiri during 13th February – 23rd April, 2016.
8. 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.
9. 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.
10. Attended Two Week ISTE Workshop on “**Computational Fluid Dynamics**” conducted by Indian Institute of Technology Bombay under the National Mission on Education through ICT (MHRD) organized in Visvesvaraya National Institute of Technology, Nagpur during 12-22, June, 2012.

Two Day or One Day Workshops

1. Attended online workshop on “**Corrosion and its Control**” organized by Mechanical Engineering Department, DYPIEMR, Akurdi, Pune-44 in Association with Department of Chemistry, B.S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 on 2nd to 4th June 2020.
2. Attended Online Workshop on “**Sustainable Development in Chemical Processes**” organized by Chemical Engineering Department K. K. Wagh Institute of Engineering Education & Research, Nashik on 21st to 23rd May 2020.
3. Attended One day Workshop on “**Avishkar Research Convention 2019-2020**”, organized by Department of students Development, University of Mumbai at Finolex academy of management and engineering, Ratnagiri for Zone VI (Ratnagiri District) and Sindhudurg District) on 6th July 2019.
4. Attended One day Workshop on “**Process simulation using Aspen Plus**” organized by Department of Chemical Engineering, Department of Chemical Engineering, PVPIT Budgaon, Sangali on 19th September, 2015.

Seminars

1. Attended Two Day ISTE e-seminar on “*Steps 2 Research*” organized by Department of Computer Science, Department of Computer Applications, Amal Jyothi College of Engineering Kanjirappally in association with ISTE Kerala section and CSI Cochin chapter in Finolex Academy of Management and Technology, Ratnagiri during 19-20, September, 2014.
2. Attended National level Seminar on “*Role of Bio-Energy in Sustainable Growth*” Sponsored by all India Council for Technical Education (AICTE) organized by Department of Chemical Engineering, MIT, Academy of Engineering Alandi(D), Pune during 30-31, August, 2013.
3. Attended one day seminar on “*Research Methodology and Recent Techniques*” Conducted by University of Mumbai, Sub-Centre Ratnagiri on 25th February, 2012.

Editorial Board member/Reviewer for International/National Journals

REVIEWER OF JOURNAL

- ✚ International Journal of Engineering Research and Technology (ISSN : 2278-0181)
- ✚ INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (ISSN : 2320-2882)
- ✚ International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences (ISSN : 2349-7300)
- ✚ International Journal of Scientific Development and Research (ISSN : 2455-2631)
- ✚ Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)
- ✚ INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (ISSN 2348-1269)

EDITORIAL BOARD MEMBER OF JOURNAL

- ✚ Journal of Energy, Environmental & Chemical Engineering (JEECE) (ISSN: 2637-434X)
- ✚ Blue Eyes Intelligence Engineering and Sciences Publication’ and it’s journals for year 2020-21
- ✚ Blue Eyes Intelligence Engineering and Sciences Publication’ and it’s journals for year 2023-24
- ✚ Material Science Research India an International peer Revived Research Journal. June 2023

Professional Membership

1. IChE life associate member (LAM-46712)
2. International Association of Engineers (IAENG) (Member No: 131363)
3. IAENG Society of Chemical Engineering
4. IAENG Society of Society of Bioinformatics
5. IAENG Society of Industrial Engineering
6. IAENG Society of Operations Research
7. International Union of Pure and Applied Chemistry (IUPAC), USA
8. International Society of Food Engineering (ISFE) (Member No: 1546)USA
9. International Separation Science Society (CASSS Id: 41422113), USA

10. American Oil Chemist's Society (AOCS), USA
11. World Environmental Organization, Washington
12. World Academy of Science, Engineering and Technology, USA
13. American Association for the Advancement of Science (AAAS Number: 40936338)
14. Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEES Member No.:201588) Hong Kong
15. International Association of Online Engineering (IAOE), Austria

College Exam Duties

1. Worked as **Senior Supervisor** for first half of 2015 at FAMT Ratnagiri.
2. 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.
3. Worked as **External Examiner** For practical/ oral and project
4. Worked as Departmental **Teacher in Charge** for **Practical's/Viva** 2015-16
5. Worked in **Result Checking committee** pertaining to Semester III to VI (CBSGS & CBCGS) Second half of 2017, first half of 2018, first half of 2019 examination.
6. Worked as **Scrutiny Committee member** for quality control over the assessment work of Semester III, IV, and VI (CBGS & OLD) examination of first half of 2018.

Other Experience

College Level Committees

1. Worked as a **Co-coordinator** for one day workshop on Intellectual Property Rights (IPR) conducted for under graduate students (Engineering) organized by Research & Consultancy Development Committee (RCDC) on 15th March 2019.
2. Worked as a **Member of Organizing Committee** for Two day workshop on Intellectual Property Rights (IPR) conducted for faculty members, lab assistants and PG students organized by Research & Consultancy Development Committee (RCDC) on 15th and 16th March 2019.
3. Worked as a Organizing member in “**College level Research Convention AVISHKAR 2018-19**” Conducted for District level Research Convention AVISHKAR 2018-19 as a part of Research convection of University of Mumbai under Engineering and Technology Category held at Finolex Academy of management and technology, Ratnagiri on 1st November 2018.
4. Worked as **Discipline Committee member** in Utopia 2018.
5. Worked as **Coordinator** for one day workshop on **Introduction to Python Programming**

conducted by Department of Chemical Engineering FAMT Ratnagiri on 14th July 2018.

6. Worked as a **Member of Organizing Committee** for one day workshop on Intellectual Property Rights (IPR) conducted for faculty members, lab assistants and PG students organized by Research & Consultancy Development Committee (**RCDC**) on 24th & 25th March 2018.
7. Worked as a **Member of Organizing Committee** for one day workshop on Intellectual Property Rights (IPR) conducted for under graduate students (Engineering) organized by Research & Consultancy Development Committee (**RCDC**) on 24th March 2018.
8. Worked as a **Committee Member** in **RAST2K16** organized by Department of chemical engineering on 17th – 18th February 2016.
9. Worked as **Coordinator** for one day workshop on **Computational Fluid Dynamics** conducted by Department of Chemical Engineering FAMT Ratnagiri on 9th October 2015
10. Worked as member of **Document Verification Committee (DVC)** for NACC
11. Worked as a **departmental coordinator** for **NAAC Criteria-I** committee
12. Working as a departmental Web co-coordinator of **Website Administration committee (WAC)** of Finolex Academy of Management and Technology, Ratnagiri.
13. Working as **Core Member** in **Research & Consultancy Development Committee (RCDC)**
14. Working as **Core Member** in **Intellectual Property Rights (IPR)**

Judge Panel / Staff Selection Committee / Subject Expert

1. Worked as Chair person for Paper Presentation in International Conference **Multicon W2023**, organized by Thakur College of Engineering & Technology.
2. Worked as a Judge for CHEMA-Model Competition in “**Nirmiti 2k22**” organized by PVPIT, Budhgaon on 9th and 10th June 2022.
3. Worked as Chair person for Paper Presentation in National Conference **REACT-2022** organized by Department of Chemical Engineering LIT Nagpur on dated 16th and 17th April 2022.
4. Worked as a Judge for Paper Presentation competition in “**Nirmiti 2k19**” organized by PVPIT, Budhgaon on 20th and 21st February 2019.
5. Worked as a Judge for debate competition in “**CHEMSTROM 2k18**” organized by FAMT student chapter on 13th and 14th Oct. 2018.
6. Worked as Judge for Paper and Poster Presentation in Tech-Fest **SHODH-2017** organized by Department of Chemical Engineering GIT, Lavel on dated 1st -2nd April 2017.
7. **Convener** for subject revision in CPNM and CFD subject for 2017-18, in Mumbai university

8. Worked as a **Judge** for State Level Technical project Presentation competition in “**Technotsav 2k16**” organized by FAMT student chapter in 2016.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Computational Fluid Dynamics	TE Chemical Engineering (Sem - VI)	5 Years
2.	Modeling and Simulation in Chemical Engineering,	BE Chemical Engineering (Sem - VIII)	4 Years
3.	Modeling, Simulation and Optimization	BE Chemical Engineering (Sem - VIII)	4 Years
4.	Computer Programming and Numerical Methods	SE Chemical Engineering (Sem - III)	4 Years
5.	Polymer Engineering/Technology	BE Chemical Engineering (Sem - VII)	3 Years
6.	Computer Application	SE Chemical Engineering (Sem - III)	1 Years
7.	Computer Programming and Numerical Methods	TE Chemical Engineering (Sem - V)	1 Years
8.	Honor Course, Waste Technology	TE, BE Chemical Engineering (V, VI, VII and VIII)	1 Years

RESEARCH FORUM ID LINKS

- ✚ ORCID Link : <https://orcid.org/0000-0001-5687-8646>
- ✚ Vidwan-ID Link: <https://vidwan.inflibnet.ac.in/myprofile>
- ✚ Scopus Profile Link: <https://www.scopus.com/authid/detail.uri?authorId=57196147606>
- ✚ Web of Science Link : <https://www.webofscience.com/wos/author/record/AFD-9560-2022>
- ✚ Google Scholar Profile link: <https://scholar.google.com/citations?user=dWy3-OwAAAAJ&hl=en&authuser=2>