

# Curriculum Vitae



**NAME** : Shripal Machindra Gaikwad

**ACADEMIC QUALIFICATION:** M. Tech. (Chemical Engineering)

PGDISH &E

Pursing Ph.D.

**PRESENT POSITION** : Assistant Professor, Department of Technology,  
Shivaji University, Kolhapur

**E-mail** : shripal.gaikwad@gmail.com  
smg\_tech@unishivaji.ac.in

**EXPERIENCE** : 17 Years  
Worked as Assistant Professor at Department of Plastics & Polymer Engineering, Maharashtra Institute of Technology, Aurangabad

**RESEARCH AREAS** : Heat Transfer, Mass Transfer, Waste minimization

**STUDENTS GUIDED** : UG (120) PG (06)

**SPONSORED RESEARCH PROJECTS:** 01 RIS, Shivaji University, Kolhapur

## **PROFESSIONAL MEMBERSHIPS:**

Life membership Indian Society for Technical Education (ISTE)

Life membership Indian Institute of Chemical Engineers (IChE)

International Association of Engineers (IAENG)

International Association of Computer Science and Information Technology (IACSIT)

## **Member, Board of Studies (BOS)**

Worked as member of Board of Studies Bachelor of Engineering-Chemical Engineering,  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

## **Member of syllabus Framing Committee**

Final Y. B. Tech. (Chem.) (VII semester) University Department of Chemical Technology,  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

**Member of Standing Committee Special Cell Section, Shivaji University, Kolhapur**

**Member of Local Inspection Committee, Shivaji University, Kolhapur**

## **CONFERENCES/SEMINARS/SYMPOSIUMS ATTENDED**

1. International online Conference on Science, Technology and Innovation for Sustainable Food System-2020
2. International Conference on Food Safety and Food Processing, Institute for Technical and

Academic Research, 2018

3. International Conference on Advanced Research In Life Sciences, Sadguru Gadge Maharaj College, Karad, 2018
4. International Conference on sustainable Development for Energy & Environment, National Chemical Laboratory CSIR, Pune, 2017
5. One day Seminar on HAZOP Management in Industry, 2015
6. One Week CEP course on Computing Techniques for solving Engineering Problems, 2015
7. Two Day National Level conference on Non Conventional Energy Sources for Rural Development of India, MGM, Ahmedpur, Dist: Latur, 2014
8. One day seminar on New Development in microwave Technology Organized by Department of Chemical Technology, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad, 2013
9. AICTE sponsored two days National Level Seminar on “Role of Bio-Energy in Sustainable Growth” Organized by MITAOE, Pune, 2013
10. 100<sup>th</sup> Indian Science Congress held at Calcutta University, Kolkata, 2013

#### **PAPERS PRESENTED IN CONFERENCES/SEMINARS :**

1. ‘Fuel from Plastic Waste’, **Shripal M.Gaikwad**, J.K.Shinde “National Conference on Non-Conventional Energy For Rural Development of India”
2. ‘Sustainable Development Through Feedstock Recycling of Plastic Wastes’, Rane Ajay V., Abitha K. Vinayak, P.Jayaja, **Shripal M.Gaikwad**, Macromolecular Symposia Vol. 36239–51
3. ‘Recycling of Plastic waste for the Sustainable Development’, **Shripal M.Gaikwad**, Ajay.V.Rane, A.B.Madavi, Dr.S.G.Gaikwad
4. ‘Production of gluconic acid from whey and black jaggery by *Aspergillus niger*’, Vivek V. Kulkarni, **Mr.S.M.Gaikwad** and Dr.A.K.Sahoo
5. ‘Studies on Development of Functional Milk’, Dipali A.Powar, Dr.A.K.Sahoo, **S.M.Gaikwad**, S.M.Lokhande, Contemporary Research in India 2231-2137 Vol 8
6. ‘Biodegradable Plastic film from Corn Starch’ Kaushal R. Powar, Devika P.Londhe, **Shripal M.Gaikwad**, Dr.Pravinkumar D.Patil
7. ‘Algae to Biofuel’, Chavan Anuja, Mahadik Vaishnavi, More Samiksha, **Shripal M.Gaikwad**

#### **WORKSHOPS / TRAINING ATTENDED**

1. Training Programme on “Operating Mechanism and Performance Evaluation of Common Biomedical Waste Treatment and Disposal Facilities (CBWTF)” CPCB, New Delhi & Department of Chemical Engineering, SGGS Institute of Engineering & Technology, Nanded, 2021
2. Workshop on Strategic Issues in IPR and Innovation, SPCE Mumbai and REC, Rewa in collaboration with IIIIE and SAEINDIA, 2021
3. Fourier Transform Infrared Spectroscopy and its applications” organized by Department of Plastic & Polymer Engineering, Maharashtra Institute of Technology, Aurangabad, 2020
4. Online Workshop on "Sustainable Development in Chemical Processes", K. K. Wagh Institute of Engineering Education & Research, Nashik, 2020
5. One week course on COMSOL Multiphysics Online Training Course, 2020
6. Two week course on ‘Digital Transformation in Teaching Learning Process’ under SWAYAM online course funded by TEQIP, 2020
7. Four Week course on ‘Fundamentals of Outcome Based Curriculum in Engineering Education’ offered by Dr. Joshua Earnest under SWAYAM online course, 2019
8. Fifteen Weeks SWAYAM online course **Research Ethics**, 2019
9. One day National workshop on Constitutional Policy of Reservation, Shivaji University Kolhapur, 2019

10. One day Seminar on Energy Audit-Do it Yourself, The Institution Of Engineers (India), Kolhapur Local Center, 2018
11. One day seminar 'Food Start Up Summit 2018' at Keys Hotel, Kolhapur
12. One day Seminar on Electrochemical Solutions for Energy Research and Education, School of Nanoscience and Technology, Shivaji University, Kolhapur, 2018
13. Three day workshop for Faculty-Mentors on Induction Programme by NPIU, New Delhi, 2017
14. Two day National Seminar on Examination Reforms in Higher Education, Department of Education & Examination Section, Shivaji University, Kolhapur, 2017
15. One day Workshop on Maharashtra Public University Act 2016, 2017
16. FEEL TEACHER learning and development Intervention, College for Leadership and Human Resource Development, Mangaluru 2016
17. Participated in one week STTP on "Application of Natural Computing Techniques in Chemical Engineering" conducted by VNIT Nagpur, 2016
18. Participated in the **General Orientation Programme**, jointly organized by Shivaji University, Kolhapur and UGC-Human Resource Development Centre, Savitribai Phule Pune University
19. One Week TEQIP-II Management Capacity Enhancement Program, Indian Institute of Management, Tiruchirappalli, 2016
20. Two days training on COMSOL Multi physics CFD and Heat Transfer, COMSOL Pune, 2016
21. One Week Short term Training program on Application of Natural Computing Techniques in Chemical Engineering, VNIT, Nagpur, 2016
22. Two week **GIAN Course** on Nan biotechnology: Discipline at a Crossroads, I I T Kharagpur, 2015
23. One week Workshop on Basics of Oil & Gas Industry, 2015
24. Three Days Training Course on ISO 22000:2005 & HACCP based FSMS, 2015
25. Short term course of Rio+22 UN sustainable energy for all India program, 2015
26. Participated in continuing education and quality improvement programme on "Computing Techniques for Solving Engineering Problems" conducted for Shivaji University, Kolhapur by Indian Institute of Technology Bombay at Kolhapur, 2015
27. Two Day National Workshop Academic Writing, Combating Plagiarism, Citation Management and Publishing, Yashwantrao Chavan School of Rural Development, Shivaji University, Kolhapur, 2015
28. Two week ISTE workshop on Control system under the National Mission on Education through ICT (MHRD, Govt. of India), 2014
29. Two week ISTE workshop on 'Cyber Security 'conducted by IIT, Bombay under the National Mission on Education through ICT (MHRD), 2014
30. Workshop on "Outcome based Accreditation Process and Parameters" by National Board of Accreditation, New Delhi jointly organized with Walchand College of Engineering, Sangli, 2014
31. Two day ISTE workshop on Aakash for Education' conducted by IIT, Bombay under the National Mission on Education through ICT (MHRD), 2012
32. One day workshop on 'Processing of Polymer Nanocomposites' organized by Polymer Processing Academy, Mumbai, 2012
33. One day workshop on 'Right to Information Act 2005' Organized by YASHDA & Dr.Babasaheb Ambedkar Marathwada University, Aurangabad, 2012
34. Seven Days Workshop on 'Rubber Technology' at Rubber Board Kottayam, 2011

**DETAILS OF BOOK PUBLISHED/EDITED:**

Buddhimata Chachani (Marathi) Nakshtra Publication, Aurangabad

## **CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES:**

1. Organized Online lecture series for GATE aspiring students, 2021
2. Organized a State Level Event Technosis 2020
3. Organized 5-Day COMSOL Multiphysics Online Training Course, 2020
4. Worked as examiner for the institute level UG/PG Technical Projects Contest, TECHFEST 2017  
Organized by Department of Technology, Shivaji University, Kolhapur, 2017
5. Worked as examiner for the institute level UG/PG Technical Contest on World Food Day
5. Organized certificate course on “Professional Communication and Presentation Skills” for Second Year students of Chemical Technology, 2016
6. Worked as Examination Co-coordinator
7. NBA Coordinator
8. Development of Laboratories and Library
9. In charge: GATE preparation cell
10. Lab in charge: HT, FM Laboratories
11. Guardian Teacher: Second Year Chemical Technology and First year Chemical Technology
12. Worked as coordinator for annual social gathering

**Shripal Machindra Gaikwad**  
**Assistant Professor**