

GOVERNMENT POLYTECHNIC, JALNA

FACULTY PROFILE



Programme: Chemical Engineering

1. Name of the Faculty Member : Gunavant Krushnarao Deshpande
2. Designation : Lecturer in Chemical Engineering
3. Date of Birth : 06/06/1984
4. Date of joining in the system : 08/12/2011
5. Date of joining G P JALNA : 09/10/2020
6. Address for Correspondence : 42, Vicas Colony, Near Hanuman Nagar, Wadgaon Road
Yavatmal. 445002

7. Mobile No. :9823356678
8. Email ID : gkdeshpande@gmail.com
9. Area of Interest : Biodiesel production through transesterification
Multi objective optimization, Simulation, Thermochemical conversion of biomass

10. Courses Taught : Fundamental of Chemical Engineering,
Chemistry of Engineering Material, Chemical Engineering Thermodynamic, Industrial Stoichiometry, Theory of Organic Chemistry, Instrument and Control, Fluid Flow Operation, Management, Industrial safety, Chemical Reaction Engineering, Chemical Engineering Drawing.

11. Academic Qualification (Bachelor Degree onwards) :
 1. B Tech in Chemical Engineering from JDIET Amravati University in (2005)
 2. ME in Chemical Engineering from TKIET Warananagar Shivaji University (2008)
 3. PhD in Chemical Engineering from MNNIT Allahabad, Prayagraj UP (2023) (Under QIP Scheme)

12. Professional Experience:
 1. Teaching: 12 Years teaching experience at Government Polytechnic (Arvi, Yavatmal, Jalna)
 2. Industrial: 2-year 11 Month from Rastriya Chemical and Fertilizer Mumbai

13. Training/Workshop/Conference/Seminar Arranged as Coordinator (Latest to Old) :
 - a) Work as Co -coordinator of state level paper presentation organized by Chemical Engineering Department, Government Polytechnic Arvi held on 22 September 2016 sponsored by MSBTE Mumbai.

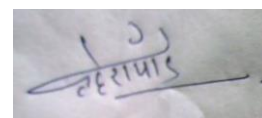
14. Training/Workshop/Conference/Seminar Attended (From years 2022-23, 2021-22, 2020-21, 2019-20, 2018-19): Latest to old:

Conference and Seminar

- a) Presented a paper "*Biodiesel production via ultrasound assisted transesterification of microalgae: Recent inroad issue, and plausible solution*" at CHEMCON-2020 December 27-29 2020 organized by IChE headquarter and Hyderabad regional center
- b) Presented a paper "*Multiobjective optimization with minimization of Eco indicator and damage index for ultrasound intensifies in situ biodiesel production from microalgae*" at International conference on technological intervention for sustainability on 14-16 April 2022 organized by Department of Chemical engineering MNNIT Allahabad, Prayagraj UP.

Training/Workshop

- a) Successfully completed the 12-week course on NPTEL entitled "**Aspen Plus Simulation Software- A Basic course for beginners**" in Jul-Oct 2023.
- b) Successfully completed the 08-week course on NPTEL entitled "**Energy Conversion Technologies (Biomass and Coal)**" in Jul-Sept 2023
- c) Successfully completed 6 Weeks (60 hours) Live Online Industrial Training on **Machine Learning and Artificial Intelligence** held on 21 August - 29 September 2023 Organized by EduLakes Solutions LLP In Association with National Service Scheme (NSS) - IIT Roorkee.
- d) Participated and completed the one week online elementary FDP on **Sustainability Engineering** from 18/01/2022 to 22/01/2022 at Savitribai Phule Pune University
- e) Successfully attended 5-day DST sponsored short term course on the topic "**System Design, Optimization and Control**" from 11-15th March, 2022 organized by the department of Chemical Engineering, Malaviya National Institute of Technology Jaipur, Rajasthan
- f) Attained a one-week short term course on **OPPORTUNITIES AND CHALLENGES FOR EMPLOYMENT AND ENTREPRENEURSHIP IN CHEMICAL AND BIO-PROCESS INDUSTRIES (OCEE-2021)**, organized by Department of Chemical Engineering & Department of Biotechnology Motilal Nehru National Institute of Technology Allahabad, Prayagraj - 211004, INDIA during March 16-20, 2021.
- g) Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "**Systems Engineering**" from 2021-2-1 to 2021-2-5 at Malaviya National Institute of Technology Jaipur.
- h) Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Environment, Energy, Health and Safety: Trends & Industrial Aspects**" from 2021-05-17 to 2021-05-21 at K K Wagh Polytechnic, Nashik.



Signature of Faculty
Gunavant K. Deshpande
Lecturer in Chemical Engineering Department
Government Polytechnic Jalna