

## 1. Personal Information

- **Name:** Dr. A.Waheed Deshmukh
- **Position:** Associate professor
- **Department:** Department of Chemical Engineering
- **Contact Information:** awdeshmukh@sggs.ac.in, Department of Chemical Engineering  
SGGSIE&T Nanded

## 2. Educational Background

- **Degrees: PhD (Chemical Engineering) VNIT Nagpur**
- **: M.E. (Chemical Engineering) Bharti University Pune**
- **: B Tech (Chemical Engineering) Amravati University**

## 3. Research Interests

- **Areas of Expertise:** Drying, Reactive Extraction, Waste management, Nanotechnology

## 4. Teaching Experience: 18 years

- **Courses Taught:** Process Dynamics & Control, Fluid Mechanics, Mechanical Operation, Chemical Process Calculations, Advanced Fermentation Technology, Membrane Separation, Nanotechnology
- **Course Development:**
- NEP Curriculum Design for Chemical Engineering Department
- Developed the Curriculum Under EU Project for International University Otto von Guericke University of Magdeburg Germany on Subject “Social Corporate Responsibility”

## 5. Publications and Presentations

- **Books: 01**
- **Book Chapter: 02**
- **Journal Articles Published : 16**

- **Conference Papers: 22**
- **Editorial Work: 03**
- **STTP/FDP/Workshop attended: 31**
- **Expert Lecture Delivered Outside Institute: 10**
- **STTP/FDP Organized : 04**
- **International Conference organized : 02**
- **National Conference Organized: 02**

## **6. Awards and Honors**

### **Grants:**

1. Enhancing Green Economy in three Asian Countries: **Project Ref No: 598470-EPP-1-2018-1-DE-EPPKA2-CBHE-JP Granting Agency: European Union (54 Lakh)**
2. “Optimization of Fuel Cell” (File No: 8023/RID/RPS-51?Pvt(II-Policy )/2011-12.) **Granting Agency: AICTE (17 Lakhs)**
3. Modernization of Mechanical operation laboratory. **F. No.115/RIFD/MODROB/Policy-1/2017-18 : Granting Agency : AICTE (17.03 Lakhs)**
4. Consultancy project with Gnygrodh Industry on “Lignocellulosic waste biomass for bio ethanol production: *Ref No:FILE CODE/2017PIET/R&D-12Project* \_Granting Agency : Gnygrosh Industry
5. AICTE grant of for conduction of Short Term Training Course **FileNo.34-56/154/RIFD/STTP/Policy-1/17-18 Dated 4 Jan 2019** granting agency: AICTE (3.5 Lakhs)
6. Ministry of Skill Development under the scheme **PMKVY. 2-7/SDC/PMKVY/WRO/16-17/1-2809375425.** granting agency: Ministry of Skill Development (5.94 L)

## **7. Professional Experience**

- **Administrative Roles:**
  - Member Board of Studies nominated by Honble Vice Chancellor RTMNU Nagpur
  - Member of moderation committee RTMNU Nagpur
  - Appointed as Internal Supervisor by Rashtrasant Tukdoji Maharaj University Nagpur
  - Appointed as Presiding Officer from 2015-2022 GATE EXAM by TCS-IIT Bombay Board
7. **Industry Collaboration**

- **Consulting Work:** Consultancy project with Gnygrodh Industry on “Lignocellulosic waste biomass for bio ethanol production: *Ref No:FILE CODE/2017PIET/R&D-12Project* \_Granting Agency : Gnygrosh Industry.

## **8. Supervision and Mentoring**

- **PhD/Master's Supervision: 13 (M Tech Students)**

## **9. Professional Memberships**

1. Life Member of The Institution of Engineers (India)
2. Member of IICHE Chapter India
3. Life Member of International Association of Engineers
4. Life Member of International Journal Of Engineering Research & Industrial Applications

## **10. Miscellaneous**

- **Languages:** English, Hindi, Marathi
- **Skills:** ASPN, MATLAB
- **International Visits : 03**