

# GOVERNMENT POLYTECHNIC, JALNA

## FACULTY PROFILE



### Programme: Chemical Engineering

1. **Name of the Faculty Member** : Sandeep Sampatrao Haral
2. **Designation** : Lecturer in Chemical Engineering
3. **Date of Birth** : 29 Oct 1983
4. **Date of joining in the system** : 01 Dec 2011
5. **Date of joining G P JALNA** : 01 Dec 2011
6. **Address for Correspondence** : Government Polytechnic, Aurangabad Road,  
Nagewadi, Jalna
7. **Mobile No.** : 9823312442
8. **Email ID** : [sandeepsharal@gmail.com](mailto:sandeepsharal@gmail.com)
9. **Area of Interest** : Photocatalysis, Electrochemicals, Waste  
Water treatment, Dryers, Photocatalytic reactors,
10. **Courses Taught** : Chemical Reaction Engineering  
Technology of Inorganic Chemicals,  
Technology of Organic Chemicals,  
Chemical Engineering Thermodynamic  
Petrochemical Technology  
Environmental Technology,  
Chemical Engineering Materials,

### 11. Academic Qualification (Bachelor Degree onwards) :

1	Bachelor of Engineering	Chemical Engineering	MGM's Jawaharlal Nehru Engineering College, Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	1st Class
2	Master of Technology	Petrochemical Technology	Laxminarayan Institute of Technology Nagpur	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	1st Class
3	PhD	Chemical Engineering	Institute of Chemical Technology, Marathwad Campus, Jalna	Institute Of Chemical Technology, Mumbai	Pursuing

## 12. Professional Experience:

1. Teaching : 11 Years

## 13. Training/Workshop/Conference/Seminar Arranged as Coordinator :

- a) MSBTE sponsored SAP training program- 2020-21 for 300 Students at Government Polytechnic, Jalna.
- b) Institute level co-ordinator for PMKVY 2019-20, CNC operator, VMC operator, Asst. Electrician
- c) Institute level co-ordinator for PMKVY 2018-19, CNC operator, Asst. Electrician
- d) Business and Soft Skills Development in Institution, , NITTTR, Chadhighar , Government Polytechnic, Jalna, From 15-01-2018 to 19-01-2018
- e) E-governance, Ecopreneurship, and Green IT in Technical Institution, NITTTR, Chadhighar , Government Polytechnic, Jalna, From 16-01-2017 to 20-01-2017 , 1-week.

## 14. Training/Workshop/Conference/Seminar Attended:

Sr No.	Name of Training	From Date	To Date	Place Of Training
1	Industrial Training In Additive Manufacturing And Its Applications	11-05-2022	24-05-2022	Future Skills Prime
2	Short Term Course On Challenges and Opportunities in Recent Emerging Technologies	06-07-2020	10-07-2020	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded
3	Online Workshop on Next Generation Software Tools & Trends For Industrial Solutions: Current Practices	13-06-2020	17-06-2020	Government College Of Engineering, Aurangabad
4	Faculty Development Programme On Understanding Project Management Basics	25-05-2020	29-05-2020	National Institute of Technical Teachers, Training and Research, Chandigarh
5	Testing & Purification of Drinking Water and Health	11-05-2020	22-05-2020	National Institute of Technical Teachers, Training and Research, Kolkata
6	Faculty Development Programme on NBA Accreditation of Diploma Programs	29-04-2020	03-05-2020	National Institute of Technical Teachers, Training and Research, Chandigarh
7	Faculty Development Programme on Adroit Thinking - Concept, Methods and Practice	20-04-2020	24-04-2020	National Institute of Technical Teachers, Training and Research, Chandigarh
8	Short Term Course On Reactive Separations: Fundamentals Through Modeling And Simulation	23-12-2019	27-12-2019	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad , Maharashtra
9	Short Term Course On Business	15-01-2018	19-01-2018	National Institute of Technical

	and Soft Skills Development & Industrial Coordination Department			Teachers, Training and Research, Chandigarh
10	Participation in Short Term Training Programme	23-10-2017	27-10-2017	National Institute of Technical Teachers, Training and Research, Bhopal
11	Management of CDJP and PWD Scheme	22-05-2017	26-05-2017	National Institute of Technical Teachers, Training and Research, Kolkata-700106
12	Participation in STTP on First Course Detailing Programme	13-02-2017	15-02-2017	National Institute of Technical Teachers, Training and Research, Bhopal
13	Short Term Course On E-governance, Ecopreneurship and Green IT in Technical Institutions through ICT	16-01-2017	20-01-2017	National Institute of Technical Teachers, Training and Research, Chandigarh
14	Participation In Sttp On Nonlinear Analysis, Computations Using Matlab, Mathematica, Maple, Lingo And Cplex With Applications In Engineering & Sciences (Nacm3Lcaes-2016)	30-09-2016	04-10-2016	S. V. National Institute Of Technology, Surat-395007, Gujarat, India
15	Advances in Computational Heat and Mass Transfer	01-08-16	05-08-2016	S. V. National Institute Of Technology, Surat-395007, Gujarat, India
16	Participation in STP - Orientation Training Programme on use of Spread sheets and Database for productivity at workplaces Basic Level	27-07-2015	29-07-2015	Yashwantrao Chavan Academy Of Development Administration
17	Participation in STTP - Environmental Studies	02-06-2015	12-06-2015	Indian Institute Of Technology Bombay
18	Training in Material of Construction For Process Equi & Piping	29-12-2014	01-01-2015	Dr. V.V.P. Polytechnic Loni. (0030)
19	Basic Training	30-10-2013	08-02-2014	Yashwantrao Chavan Academy Of Development Administration
20	Participation in STP on Induction Programme Phase-II	10-06-2013	21-06-2013	National Institute of Technical Teachers, Training and Research, Bhopal
21	Staff Development Programme	04-06-2012	15-06-2012	National Institute of Technical Teachers, Training and Research, Bhopal

15. **Intellectual Property Rights (IPRs)**  
**Design patent (Design registration)**

1. Parag Ramesh Nemade, Dhruvi Mallikarjun Rakte, Sandeep Sampatrao Haral, Sample Holder for Electrochemical Corrosion Investigation, Application Number:386816-001 Date of Filing:23/05/2023

2. Parag Ramesh Nemade, Sandeep Sampatrao Haral, Sayalee Sunil Baviskar, Photocatalytic Reactor Application Number: 396062-001 Date of Filing: 26/09/2023, **Accepted and Published**, Patent Journal No is 45/2023 and Journal Date is 10/11/2023
3. Parag Ramesh Nemade , Sandeep Sampatrao Haral, Lekharaj Chandrakant Mahajan, Farhan Farook Shaikh, Vapor Phase Reactor for catalyst Synthesis, Application Number: 397459-001 Date of Filing: 12/10/2023.
4. Sandeep Sampatrao Haral, Parag Ramesh Nemade, Bhagwat Shrikant Gavhale, Jayesh Mahipal Navale, Mahesh Datta Kale, Raunak Dipak Chakve, Gaurav Ratnakar Gujar, Varsha Chandrakant Raut, Monika Mahadev More, Shivkanya Bhaskar Gholve, Solar Dryer. Application Number: 397520-001 Date of Filing: 13/10/2023
5. Vishal Gokul Beldar, Sandeep Sampatrao Haral, Vishal Suresh Bagul, Bhagyashri Nilesh Raut, Radha Sanjaykumar Waghchaure, Bhagwan Kashiram Sakhale, Krishna Gokul Beldar, Solar dryer for herbal and food, Application Number: 400928-001, Date of Filing: 29/11/2023, **Accepted and Published.**
6. Sandeep Sampatrao Haral Parag Ramesh Nemade Dhruti Mallikarjun Rakte, Solar cloth dryer Application Number: 402023-001 Date of Filing: 12/12/2023
7. Sandeep Sampatrao Haral, Parag Ramesh Nemade, Labrotary Sink, Application Number: 402024-001 Date of Filing: 12/12/2023
8. Dhruti Mallikarjun Rakte Parag Ramesh Nemade Sandeep Sampatrao Haral, FTO glass electrode with holder, Application Number: 402150-001, Date of Filing:14/12/2023
9. Sarang Subhashchandra Shindalkar Omkar Prakash Shetye Sandeep Sampatrao Haral Parag Ramesh Nemade, Self Activation Pyrolytic reactor, Application Number: 402372-001 Date of Filing: 18/12/2023
10. Parag Ramesh Nemade Dhruti Mallikarjun Rakte Sandeep Sampatrao Haral Ganesh Manohar Gudewar, Two electrode Cell, Application Number: 402519-001, Date of Filing: 19/12/2023
11. Parag Ramesh Nemade Sandeep Sampatrao Haral, Ultrasound reactor Application Number: 403283-001 Date of Filing: 28/12/2023



Signature of Faculty