

## BIODATA

**Name: Jain Suyog Nandlal**



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**Academic Profile:**

**PhD (Chemical Engineering)**

Date of passing: 16 October 2018  
Institute of Chemical Technology, Mumbai  
Topic: Improved Synthesis of Biosorbents and Application for Removal of Dyes

**M.Tech (Chemical Engineering)**

Date of passing: 9 September 2011  
University Department of Chemical Technology,  
North Maharashtra University, Jalgaon  
CGPA: **9.1 (A+)**  
Project: Gas- Solid Heat Transfer in Cyclone Separator.

**GATE 2003 (Chemical Engineering)**

Percentile Score: **94.71**

**B.E. (Chemical Engineering)**

Date of passing: 29 August 2002  
Bharati Vidyapeeth's College of Engineering, Pune  
University of Pune.  
Percentage: **69.6**  
**First Class with Distinction.**

**H.S.C.**

Year of Passing: 1998  
K.T.H.M., Nashik  
Percentage: **80.67**  
**First Class with Distinction.**

## **S.S.C.**

Year of Passing: 1996

M.P.H.S., Bej, Kalwan

Percentage: **79.33**

**First Class with Distinction.**

## **Professional Profile:**

1. Designation: Lecturer in Chemical Engineering  
Institute: Pimpri Chinchwad College of Engineering, Pune  
Duration: 17<sup>th</sup> September 2002 to 14<sup>th</sup> June 2003
2. Designation: Assistant Professor in Chemical Engineering  
Institute: K. K.Wagh Institute of Engineering Education & Research, Nashik.  
Duration: 1<sup>st</sup> August 2003 to till date.  
Teaching Experience: 16 years

**Membership:** Life member of ISTE (LM- 50641)  
Life member of IICHE (LM-65351)

## **Workshops/Seminars/STTP/ Training attended:**

- Worked as a Judge for “SCHEMCON 2018” held at ICT, Mumbai on 26<sup>th</sup> October 2018.
- Attended one day workshop of CEO’s at KTHM College, Nashik on 4<sup>th</sup> September 2018.
- Worked as a Judge for model competition in Science week "Biospectra 2018" under Science forum on 16<sup>th</sup> January 2018 at K. K. Wagh Senior College, Saraswati Nagar, Nashik.
- Attended one day workshop on "Advances in Chromatography and Spectroscopy" on 13<sup>th</sup> January 2018, jointly organized by BSR Technologies Pvt. Ltd. Nashik and K. K. Wagh College of Agriculture, Nashik.
- Attended one day workshop of CEO’s of all Engineering Colleges at PVG College of Engineering, Pune on 22<sup>nd</sup> July 2017.
- Two days workshop on ‘Basic Course on ANSYS CFD’ at K.K.W.I.E.E. & R., Nashik from 8<sup>th</sup> March to 9<sup>th</sup> March 2017.
- UGC-NRC sponsored Faculty Development Program on 'Chemical Process Control - Past, Present and Future' (FDP-CPC) held at ICT, Mumbai on May 30-31, 2015.
- One day workshop on ‘Syllabus Revision at SE and ME’ at MIT, Pune on 26<sup>th</sup> February 2013.
- ISTE workshop on ‘Introduction to Research Methodologies’ conducted by IIT Bombay from 25<sup>th</sup> June 2012 to 4<sup>th</sup> July 2012.
- One day workshop on ‘Intellectual Property and Patent Life Cycle Management’ at K.K.W.I.E.E.R., Nashik on 10<sup>th</sup> March 2012.

- One day Seminar on ‘Research Methodology’ at Sandip Foundation, Nashik on 24<sup>th</sup> December, 2011.
- Orientation Programme on ‘Syllabus Revision of Process Dynamics and Control’ (B.E.) at Sinhgad Institute of Technology, Pune on 10<sup>th</sup> Aug. 2011.
- One day National Seminar on ‘Recent Advances in Chemical Engineering’ held at Department of Chemical Technology of North Maharashtra University, Jalgaon on 20<sup>th</sup> March, 2010.
- Two week workshop on ‘Developing Core Teaching Competencies in Engineering College Teachers’ organized by National Institute of Technical Teachers’ Training & Research, Bhopal & K.K.W.I.E.E. & R., Nashik from 18<sup>th</sup> June 2007 to 30<sup>th</sup> June 2007.
- One day Workshop on ‘Industrial Solid Waste Management’ at K.K.W.I.E.E.R., Nashik on 2<sup>nd</sup> April 2007.
- Industrial Training at Thermax India Ltd., Pune from 26<sup>th</sup> June to 28<sup>th</sup> June 2006.
- One day Workshop on ‘Advanced Process Control’ at Sinhgad College of Engineering, Pune on 22<sup>nd</sup> April 2006.
- STTP on ‘Comparison and Analysis of Conventional, Electrochemical and Biochemical Pathways of Chemical Processes’ at Dr. M.G.R. Educational & Research Institute, Chennai from 17<sup>th</sup> Nov. 2003 to 29<sup>th</sup> Nov. 2003.

#### **University/Institute Level Experience:**

- Working as College Examination Officer (CEO) in the Institute from March 2017.
- Working as State Government Minority Scholarship Coordinator at Institute level from academic year 2008-09.
- Worked as Internal Senior Supervisor for Savitribai Phule Pune University Insem Examination at K.K.W.I.E.E.R., Nashik from 22<sup>nd</sup> August to 26<sup>th</sup> August 2016.
- Worked as a LIC member and visited PREC Loni on 22<sup>nd</sup> Jan 2016.
- Worked as External Senior Supervisor for Pune University Theory Exam. at MET, Nashik from 2<sup>nd</sup> May 2013 to 17<sup>th</sup> May 2013.
- Worked as External Senior Supervisor for Pune University Theory Exam. at MET, Nashik from 1<sup>st</sup> Nov to 10<sup>th</sup> Nov 2012.
- Worked as Internal Senior Supervisor for Pune University Theory Exam. at K.K.W.I.E.E.R., Nashik from 4<sup>th</sup> June 2011 to 17<sup>th</sup> June 2011.
- Worked as External Senior Supervisor for Pune University Theory Exam. at MET, Nashik from 1<sup>st</sup> Dec. 2010 to 9<sup>th</sup> Dec. 2010.

#### **Publications:**

- Paper entitled ‘Adsorptive removal of azo dye in a continuous column operation using biosorbent based on NaOH and surfactant activation of *Prunus Dulcis* leaves’ published in Desalination and Water Treatment (Desalination), 141 (2019), pp. 331-341.

- Paper entitled ‘Adsorptive removal of copper metal Cu(II) ion from wastewater using low cost chemically modified biosorbent’ published in International Conference on Emerging Trends and Advances in Civil and Environmental Engineering organized by Civil Engineering Department, KKWIEE & R., Nashik on 27-28 February 2018.
- Paper entitled ‘Efficient removal of Acid Green 25 dye from wastewater using activated *Prunus Dulcis* as biosorbent: Batch and column studies’, published in Journal of Environmental Management (Elsevier), 210 (2018), pp. 226–238.
- Paper entitled ‘Adsorptive removal of Acid Violet 17 dye from wastewater using biosorbent obtained from NaOH and H<sub>2</sub>SO<sub>4</sub> activation of fallen leaves of *Ficus racemosa*’ published in Journal of Molecular Liquids (Elsevier), 243 (2017), pp. 132-143.
- Paper entitled ‘Fixed bed column study for the removal of Acid Blue 25 dye using NaOH-treated fallen leaves of *Ficus racemosa*’ published in Desalination and Water Treatment (Desalination), 85 (2017), pp. 215–225.
- Paper entitled ‘Acid Blue 113 removal from aqueous solution using novel biosorbent based on NaOH treated and surfactant modified fallen leaves of *Prunus Dulcis*’ published in Journal of Environmental Chemical Engineering (Elsevier), 5 (2017), pp. 3384–3394.
- Paper entitled ‘NaOH-treated dead leaves of *Ficus racemosa* as an efficient biosorbent for Acid Blue 25 removal’ published in International Journal of Environmental Science and Technology (Springer), 14 (2017), pp. 531–542.
- Paper entitled ‘Photocatalytic Degradation of an Industrial Waste Water Containing Dyes’ published in International Conference on Innovations in Sustainable Water and Wastewater Treatment Systems (ISWATS 2016) organized by DST, Government of India at Pune from 21-23 April 2016.
- Paper entitled ‘Saw Dust As Best Available Adsorbent for the Treatment of Dye Bearing Water’ published in National Conference held at NIT Durgapur, West Bengal from 30 January to 1<sup>st</sup> February 2014.
- Paper entitled ‘Fluid-Solid Heat Transfer in Cyclone Heat Exchanger’ published in i-manager’s Journal on Future Engineering and Technology, 7 (2011), pp. 53-60.
- Paper entitled ‘Heat Transfer in Helical Coil Heat Exchanger’ published in i-manager’s Journal on Future Engineering and Technology, 6 (2011), 35-40.
- Paper Presented on ‘Production of Ethanol from Solid State Fermentation using Agricultural Wastes’ in National Conference held at P.R.E.C., Loni, Ahmadnagar during 10-12 March, 2010.

**Personal Profile:**

Date of Birth: 02<sup>nd</sup> June 1981

Gender: Male

Languages Known: Marathi, English and Hindi