

<b>Name</b>	<b>MR. SHRIKRISHNA B BOBDE</b> <b>B.Tech (Chemical Engg.),</b> <b>M.Tech (Chemical Engg.)</b>
Designation	Assistant Professor
Department	Chemical Engineering
Date of Joining the Institute	02/05/2009
Education	<b>B.Tech (Chemical Engg.),UDCT Jalgaon 2004</b> <b>M.Tech (Chemical Engg.), LIT Nagpur 2008</b>
Branch / Specialization	Chemical Engineering
Areas of Interest	Mass Transfer Operations, Advanced Separation Process.
Email	Shrikrishna.bobde@famt.ac.in
Personal Homepage link	



#### Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 02/05/09 to till date</b>	<b>Assistant Professor</b>
<b>ORAIPL Nagpur</b>	<b>From 05 Feb 2007 to 8 March 2009</b>	<b>Project Engineer</b>
<b>INNOTCH PHARMA [Company of IPCA Laboratory]</b>	<b>From 26 July 2004 to 30 July 2009</b>	<b>Process Engineer [Trainee]</b>
<b>Total Experience – 12 Years</b>		

#### Awards / Honors / Prizes

1. Achieving "Certificate of Appreciation" from the steering committee of six Sigma IPCA Industries for providing three successful projects in year 2004-05 Innotech Pharma (I) Pvt Ltd. waluj MIDC Aurangabad.

#### Students projects Guided at Batchral Degree s Level

1. VLE data generation and Design of distillation column.

2. Recovery of glycerin from from sweet water
3. Extraction of Kokum butter from kokum fruits seeds
4. Process development of kokum Butter production
5. Design of "Cooling Towers" A experimental Study
6. Design and simulation of distillation column
7. Manufacturing of Aniline
8. Manufacturing of H<sub>2</sub>O<sub>2</sub>
9. Production of ethylene glycol and design of reactor
10. Experimental study on reactive distillation.

### Seminars/Lecture/Invited Talks Conducted

1. 1. Attended A two day ISTE e-Seminar on "**Step 2 Research**" Organized by Department of Computer science of Computer applications Amal Jyothi College of engineering 19-20 September 2014.

### Papers Published

#### Papers Presented/Published in National / International Journals - 02

##### International Journals – 03

1. Paper titled "**Removal of Heavy metal ions from waste water by using low cost adsorbent : A review**", S B Bobde et.al , Asian Journal of Convergence in Technology Volume II, Issue III, ISSNNo.:2350-1146, I.F-2.71
2. Paper titled "**Removal of Heavy metal ions from waste water by using low cost adsorbent : A review**", S B Bobde et.al , Asian Journal of Convergence in Technology Volume II, Issue III, ISSN No.:2350-1146, I.F-2.71
3. Paper titled "**Removal of Heavy metal ions from waste water by using low cost adsorbent : A review**", S B Bobde et.al , Asian Journal of Convergence in Technology Volume II, Issue III, ISSN No.:2350-1146, I.F-2.71

#### Papers Presented/Published in National/ International Conferences - 08

##### National Conferences – 03

1. Paper presented titled "**Removal of Heavy metal ions from waste water by using low cost adsorbent : A review**" in 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17<sup>th</sup> and 18<sup>th</sup> February 2016.
2. Paper presented titled "**Removal of Heavy Metals from Wastewater By Using Bio-adsorption**" in 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17<sup>th</sup> and 18<sup>th</sup> February 2016.
3. Paper presented titled "**Development in Seawater desalination technology**" in 2<sup>nd</sup> National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17<sup>th</sup> and 18<sup>th</sup> February 2016.

**STTPs and FDPs**

**Conferences and Seminars**

2. Attended 2<sup>nd</sup> **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17<sup>th</sup> to 18<sup>th</sup> February 2016
3. Attended 1<sup>nd</sup> **National Conference on Recent Advances in Science and Technology (AHMT 2010)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17<sup>th</sup> to 18<sup>th</sup> February 2010
4. Attended **"A One day Seminar on 'Research methodology and recent techniques'"** organised by Mumbai university, Sub-centre Ratnagiri on dated 25 February 2012.
5. Attended A two day ISTE e-Seminar on **"Step 2 Research"** Organized by Department of Computer science of Computer applications Amal Jyothi College of engineering 19-20 September 2014.

**Two Week or One Week Workshops**

1. Attended **"Two Week ISTE workshop on 'Control System'"** Conducted by IIT Kharagpur under the National Mission on Education through ICT. On dated 2-12 December 2014
2. Attended **"Two Week ISTE workshop on 'Fluid flow'"** Conducted by IIT Bombay under the National Mission on Education through ICT.
3. Attended Two Week STTP workshop on **"Mission 10X"** Faculty improvement program Conducted by Wipro Ltd and organized by RMCET Ambav Ratnagiri.
4. Attended **"Two week workshop on Engineering Thermodynamics"** conducted by Indian Institute of Technology Bombay on dated 11-21 December 2012
5. Attended **"Two Week ISTE workshop on 'Fluid Mechanics'"** Conducted by IIT Kharagpur under the National Mission on Education through ICT (MHRD) on dated 20-30 may 2014

**Workshops**

1. Attended Two day ISTE and WIPRO workshop on **'High Impact Teaching Skills'** Conducted by RMCET, Ambav, during 7<sup>th</sup> May— 8<sup>th</sup> May 2012.
2. Attended **"One day workshop on Six Sigma: An Overview"**, on 13 April 2012 conducted by Mechanical engineering department of Finolex Academy of Management and technology on dated 13 April 2012.
3. Attended **"Two day ISTE workshop on AKASH FOR EDUCATION"**, Conducted by Indian institute of Technology Bombay on dated 10-11 November 2012.
4. Attended "Two Day workshop on 'Research Methodology' Organized by University Sub centre Ratnagiri.
5. Attended **"One Day workshop on Preparing Question Paper Bank"** on 21/07/2012 conducted by university of Mumbai

### Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

### College Exam Duties

1. Worked as a **Senior Supervisor** of **2015 Summer Exam**.
2. Carried out exam related duties such as **Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.
3. Worked as **Practical and oral examination co-ordinator**
4. Worked as a Project co-ordinator
5. Carried out design, drawings set up of Mass transfer laboratory in department of chemical engineering and worked
6. **Lab in-charge** of Mass Transfer Operations Lab forms the 2010 to till date.
7. Worked as time table co-ordinator, internal assessment examination co-ordinator, project co-ordinator, class teacher etc.

### Other Experience

#### College Level Committees

1. Working as a **Member** of Result Analysis Committee.
2. Working as a department coordinator for **NAAC Criteria VII committee**
3. Working as a **Member** of Admission Committee for Chemical Admission.
4. Worked as a "ISTE student chapter co-ordinator".
5. Worked as departmental organizing **committee member** in 2nd National Conference on **"Recent Advances in Science and Technology"**
6. Worked as departmental organizing **committee member** in 2nd National Conference on **"AHMT 2010"**
7. Worked as departmental organizing **committee member** in <sup>1st</sup> National Conference on **"Advances in Heat and Mass Transfer"**

### **Judge Panel / Staff Selection Committee / Subject Expert**

1. Worked as a **Judge** for **National Level Technical Paper Presentation competition** in **2k15**.
2. Worked as a **Judge** and student adviser for **State Level Technical project Presentation competition** in "Technotsav 2k16" organised by FAMT student chapter in 2016.
3. Though Mass Transfer Operations and Process Engineering Subject in **"EQUIP"** Qualification improvement program at **Finolex Industries Ltd. Ranpal Ratnagiri**.

### **Projects / Software Development**

1. Design and developed the software for design of distillation column.

### **Subject Taught**

<b>Sr. No.</b>	<b>Name of the Subject</b>	<b>Year/Branch/Semester</b>	<b>Experience</b>
1.	Mass Transfer Operations I	T.E. (Chemical Engineering) (Sem - V)	05 Years
2.	Mass Transfer Operations II	T.E. (Chemical Engineering) (Sem - VI)	05 Years
3.	Process Calculation	T.E. (Chemical Engineering) (Sem -III)	01 Year
4.	Chemical Engineering Economics	T.E. (Chemical Engineering) (Sem - IV))	01 Year
5.	Chemical Engineering Thermodynamics-II	T.E. (Chemical Engineering) (Sem - V))	2 Years
6.	Instrumentation and process Control	B.E. (Chemical Engineering) (Sem - VII)	2 Years
7.	Instrumentation	T.E. (Chemical Engineering) (Sem - VI)	1 Year
8.	Process Engineering	B.E. (Chemical Engineering) (Sem - VI)	2 Years
9.	Energy System Design (elective)	T.E. (Chemical Engineering) (Sem - VII)	1 Year
10.	Industrial Safety	T.E. (Chemical Engineering) (Sem - V)	2 Years
11.	Advance Material (elective)	T.E. (Chemical Engineering) (Sem - VI)	1 Year