

**Kanchan N Bawankar**  
**Assistant Professor**  
**Department of Chemical Engineering**  
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## **Educational Qualifications**

1. M.E. Chemical Engineering, SCOE Pune.
2. B. Tech. Chemical Technology, CVRIT Nagpur.

## **Experience**

**Teaching: 6.8 Years**

**Industry: 00 years**

**Research: 03 Years**

## **Awards and Achievement**

### **Research**

Guided to UG students for the project topics such as sugar cane juice treatment, waste water treatment, etc. whereas seminar includes waste management, gas permeation using polymeric membranes, design of particulate control devices etc.

**No. of Students guided for Research Project UG- 04,**

**No. of Students guided for Seminar UG-50**

## **Publications**

**Patents: Nil**

### Journal: 03

- Yogesh S Karanjkar, Raveena M Dinde, Nikita M Dinde, **Kanchan N Bawankar**, Shruti P Hinge, Ashish V Mohod, Parag R Gogate, Degradation of magenta dye using different approaches based on ultrasonic and ultraviolet irradiations: Comparison of effectiveness and effect of additives for intensification, *Ultra. Sono.*, 27 (2015)117-124
- Deepika D Mahale, Nilesh N Patil, Diksha S Zodge, Priyanka D Gaikwad, Barnali S Banerjee, **Kanchan N Bawankar**, Ashish V Mohod, Parag R Gogate, Destruction Removal of Patent Blue V Dye Using Air-Bubble induced oxidation based on Small Glass Balls: Intensification studies, *Desalination and water treatment*, **(Communicated)**
- Manas Orpe, Kapil Sathe, Gaurav Tikhe, Barnali S Banerjee, **Kanchan N Bawankar**, Ashish V Mohod, Removal of Rhodamine B and Rhodamine 6G from the mixture using ultrasonic & ultraviolet irradiation, **water science and technology**, **(Communicated)**

### Conferences:

#### National: 04

- Kapil Sathe, ManasOrpe, **Kanchan Bwankar**, Ashish Mohod, Treatment of mixture of two textile dyes i.e. Rhodamine B and Rhodamine 6G using AOPs, CHEMCON - 2013, held at ICT, Mumbai on dated Dec. 27-30, 2013.
- Kapil Sathe, ManasOrpe, **Kanchan Bwankar**, Ashish Mohod, Treatment of mixture of two textile dyes i.e. Rhodamine B and Rhodamine 6G using AOPs, FTWM-2014, held at AISSMS COE, pune on dated January 15-17, 2014.
- Diksha Zodge, Priyanka Gaikwad, Ritu Kale, **Kanchan Bawankar**, Ashish Mohod, Removal of Rhodamine B and Rhodamine 6G from the mixture using Ultrasonic Irradiation, ), SCHEMCON-2014, held at IOT, Haldia on dated Sept. 19-20, 2014
- Gaurav Tikhe, Nikita Dinde, **Kanchan Bawankar**, Ashish Mohod, Removal of dyes from the mixture using ultraviolet irradiation, SCHEMCON-2014, held at IOT, Haldia on dated Sept. 19-20, 2014

## **Course/Seminar/Symposium/Workshop attended**

- Participated in the five day workshop cum training course of Chemical Engineering Laboratory organized by ICT, Mumbai on dated Sept 28-Oct 02, 2011.
- Organized and participated in “Institutional Training Programme” by Petroleum Conservation Research Association (PCRA), Ministry of Petroleum and Natural Gas, Government of India held at AISSMS COE, Pune on dated October 4, 2012.
- Participated in one day workshop on “Computational Fluid Dynamics” organized by AISSMS COE, Pune on dated March 22, 2013.
- Organized and Participated in two day state level seminar on “Advanced waste water treatment technologies” organized by AISSMS COE, Pune on dated March 25-26, 2013
- Participated in “Faculty Development Programme” organized by AISSMS COE, Pune on dated June 10-12, 2013.
- Participated in two day national level seminar on “Role of bio-energy in sustainable product development” organized by MIT Academy of Engineering, Pune on dated August 30-31, 2013.
- Organized and Participated in three day national conference on “frontier technologies in waste management” organized by AISSMS COE, Pune on dated Jan 15-17, 2014
- Organized and Participated in two day national Seminar on “Advanced Computational Techniques for Engineering Applications” organized by AISSMS COE, Pune on dated Jan 31-Feb 1, 2015.
- Participated in two day 10<sup>th</sup> Annual Session Students Chemical Engineering Congress SCHEMCON 2014 organized by Haldia Institute of Technology, Haldia, WB on dated September 19-20, 2014.
- Organized and Participated at a state level seminar on “Intensification of Chemical Processing using Noel Reactors” organized by AISSMS COE, Pune on dated 9-10 and 22, 2015.

## **Professional Memberships**

- Life Member of Indian Institute of Chemical Engineers IChE