

Personal details:**Name:** Chirag A. Tamboli**Designation:** Assistant Professor, Chemical Engineering**Qualification:** M. E. [Chemical Engineering] [Petrochemical Engineering]**Experience:** 2.5 years Government + 7.5 years (contractual) + 8 months industrial**Area of Interest:** e-waste processing, metal extraction, reaction engineering, waste to energy.

Profile: Prof. Chirag A. Tamboli has done his graduation in Chemical Engineering from SVMIT, Bharuch, Veer Narmad South Gujarat University, Surat and post-graduation in Chemical Engineering (Petrochemical Engineering) from The M.S. University of Baroda. He is pursuing his Ph.D. from The M. S. University of Baroda in the field of Chemical Engineering in the broad area of recovery of metals from e-waste. Prof. Chirag has about 10 years of teaching experience and has guided a number of undergraduate projects. He has number of publications in international journals and conference proceeding. His research interests include membrane separation techniques, e-waste processing and metal extraction.

Educational Qualification

Exam	Name of Board	Month & Year
S.S.C.	GSEB	March - 2000
H.S.C.	GHSEB	March-2002
B.E./B. Tech/B.Sc.	GU	May-2006
M.E./M. Tech/M.Sc.	GU	June-2009
Hindi/Gujarat mukti	GSEB	March-2018

Work experience: Industrial - 8 months

Teaching – 10 years

Other - Nil

Skills and Knowledge: Conversant with various equipment such as Particle size analyzer, dip coater, air oven dryer, vacuum dryer, batch centrifuge, microscope and mechanical equipment, heating bath, ultrasonic bath.

Course Taught: Chemical reaction engineering, mechanical operations, process calculations, mass transfer operations-II, multi-component distillation, petroleum refining.

Training and workshop:

Sr. No	Title of Course	From	To	Duration (In Week)	Organizer	Sponsored/ Approved by
1	Beyond the classroom towards the excellence	5/9/2018	10/9/2018	1	IITE Gandhinagar	DTE
2	Induction Phase-I	7/1/2019	18/1/2019	2	NITTTR , Bhopal	DTE
3	Induction Phase-II	10/6/2019	21/6/2019	2	NITTTR , Bhopal	DTE
Total No. of weeks				5		

Portfolio:

Institutional: Institute store member, procurement committee member, (Institute level Store and procurement activities) Cultural festival committee member Cultural festival activities, GeM co-ordinator (Technical support), and ACPC verification officer for D2D admission.

Departmental: Departmental store officer, Procurement of new items and maintenance of old equipments, Write off committee member, Lab in charge of MO lab. Write of committee, , classroom coordinator of 8th semester division 2.

Expert lectures organized/delivered: Nil

SSIP/Research/funded Projects: Nil

Academic projects: Nil

Consultancy: Nil

Publications: "Peer reviewed International papers– 01, Conferences-02

Details of Peer reviewed International journal papers published:

1. Sengupta B. R., Tamboli C. A., Sengupta R. A. , "Synthesis of nickel oxalate particles in the confined internal droplets of W/O emulsions and in systems without space confinement", Chemical Engineering Journal (Elsevier), 169, 379-389, 2011.

Conference – 01**Details of Conference:** (2 papers)

1. Tahliramani N. H., Tamboli C. A., Kohli H. P, "Removal of Methylene blue dye from aqueous stream by metal oxide conference proceedings of International programme on Application Nano materials in Textile.", International programme on Application Nano materials in Textile, 165-170, 2015.

2. Tahilramani N. H., Tamboli C. A., Kohli H. P, "Nanomaterial for heavy metals ions removal from waste water", International programme on Application Nano materials in Textile, 183-187, 2015.

Patent Filed: Nil

Professional institution memberships: IICHE (**LM50977**), ISTE (**LM122678**)

Awards: Nil

Other achievements:

- I have the credit of getting the highest impact factor journal publication from Chemical Engineering Department, The M. S. University of Baroda, based on M. E. Research project.
- Secured highest marks in the final year project in ME semester-IV.
- I got the 2nd prize in poster presentation in National Science Day Celebration and National Symposium on Science for nation building, organized by Department of Chemical Engineering, G.H Patel College of Engineering and Technology, Vallabh Vidhyanagar on 28th February, 2015.
- I had been appointed as evaluator for KVS Regional level/District level National Children Science Congress (for NCSC - 2012, NCSC - 2013, NCSC - 2014 and NCSC - 2015) event.