

**Personal details:**

**Name** : Hemant M. Jariwala  
**Designation** : Assistant Professor, Chemical Engineering  
**Qualification** : ME [Chemical Engineering] (PhD Pursuing)  
**Experience** : 12 years [Teaching – 8 years 10 Months, Industrial – 2 Years 8 months]  
**Area of Interest** : Heat Transfer, Computational Method for Process Engineering, Separation Techniques, Renewable Energy Resources

**Profile:** Prof. Hemant M. Jariwala has done his graduation and post-graduation in Chemical Engineering. He is currently pursuing Ph.D. from the Gujarat Technological University, Ahmedabad in the field of Chemical Engineering in the broad area of Decomposition of Solid Organic Waste. Prof. Hemant has about 8 years of teaching experience and about 3 years experience of Industry. His research interests include Renewable Energy Sources and Separation Techniques.

**Educational Qualification**

Exam	Name of Board	Month & Year
SSC	GSEB	March 2000
HSC	GHSEB	March 2002
BE/Btech/Bsc	VNSGU	March 2006
ME/Mtech/Msc	MSU	July, 2011
Hindi/Gujarat mukti	GSEB	March, 2016

**Skills and Knowledge:** Aspen Plus, Matlab,

**Course Taught:** Mass Transfer Operations, Computer Aided Process Synthesis, Petroleum Refining and Petrochemicals, Process Heat Transfer, Mechanical Operations Advanced Separation Techniques, Plant Design and Process Engineering

**Training and workshop:**

Sr. No	Title of Course	From	To	Duration (In Week)	Organizer	Sponsored/ Approved by
1	Induction Training Programme Phase-I	7-3-2016	18-3-2016	2	NITTTR	DTE
2	Induction Training Programme Phase-II	11-7-2016	22-7-2016	2	NITTTR	DTE
3	Nano Material Condensed Matter and its Applications	25-06-2018	29-06-2018	1	NITTTR	DTE

4	Heat transfer (MOOC)	28-01-2019	19-04-2019	2	MOOC (online)	DTE
5	Mechanical Unit Operations (MOOC)	29-07-19	18-10-19	2	MOOC (online)	DTE

**Portfolio:**

Department: Departmental timetable coordinator, overload bill coordinator, cctv monitoring, class coordinator (8-D2), Process lab Incharge, RUSA member, SSIP department coordinator.

Institute: Member-RUSA, PMKVY, Member- institute Time table committee

**Expert lectures organized/delivered:**

1. An Expert Lecture delivered on "Anatomy of Aspen Plus" at the GUJCOST workshop held on UTILITIES OF PROCESS SIMULATION IN CHEMICAL ENGINEERING at S.N.P.I.T.&R., Umrakh, Bardoli, Dated-18<sup>th</sup> July 2018.
2. An Expert lecture delivered on "Unit Operations in Chemical Process Industries" at Shroff SR Rotary Institute of Chemical Technology, Vataria, Gujarat on 5<sup>th</sup> may 2016.

**Projects guided:** Under graduates 03

**SSIP/Research/funded Projects:** NA

**Academic projects:** NA

**Publications:** NA

**Conference -**

1. Presented Poster paper in CHEMCON-2011 held at M. S. R. Institute of Technology, Bangalore on 29<sup>th</sup> Dec. 2011.
2. Presented paper on "Carbon Trading" at CHEMCON-2010 held at Annamalai University, Tamilnadu on 28 Dec. 2010.
3. Presented Paper on "Carbon Trading: Facts and Fallacies" in 4<sup>th</sup> International Congress of Environmental Research held at SVNIT, Surat organized by International Congress of Environmental Research on 16<sup>th</sup> Dec. 2011.

**Patent Filed:** Nil

**Professional institution memberships:** Life Member - IChE, Life Member - ISTE

**Awards:** Nil

**Other achievements:**

1. Invited as a Jury member for Gujarat Industrial Hackathon-19 held at AURO University, Surat in February 2018.