



Ms. Sejal Mahendrasinh Chauhan  
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### **EDUCATIONAL QUALIFICATION**

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M.E. in Chemical Engg. (Petrochemical engineering) The Maharaja Sayajirao University, Vadodara	2010-2012
B.E. in Chemical Engg. Veer Narmad South Gujarat University, Surat	2006-2009

### **WORK EXPERIENCE**

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Government Polytechnic, Valsad Lecturer	2015-Present
Faculty of Engineering & Technology Afwa Isroli, Bardoli (RNGPIT) Assistant Professor	2012-2015
Sarvajanik College of Engineering & Technology, Surat Lecturer	2009-2010

### **TECHNICAL SKILLS AND KNOWLEDGE**

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Chemical sample analysis on FAAS

### **SUBJECT TAUGHT**

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Chemical Reaction Engineering	Mass Transfer
Petroleum refining and Petrochemical Technology	

### **TRAINING AND WORKSHOP**

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- “The role of chemical technology in sustainable development” online during 05/04/2021 to 16/04/2021 (2 week) Co-ordinated by Government Engineering College Bharuch
- “Comprehensive Online Intellectual Property Rights” at online during 07/06/2020 to 14/09/2020 (2 Week)
- “Accreditation for Diploma Engineering Programmes” at NITTTR (MOOC) at NPTEL during 27/01/2020 to 13/04/2020 (1 week)
- “Engineering Thermodynamics” at NPTEL (MOOC) during 28/01/19 to 22/03/19 (1 week)
- “Phase Equilibrium Thermodynamics” at NPTEL (MOOC) during 06/08/2018 to 28/09/2018 (1 week)
- “Developing Entrepreneurship Skills” at NITTTR Bhopal during 23/10/17 to 27/10/17 (1 week)
- “Induction Phase-II” at NITTTR Ahmedabad during 24/04/2017 to 05/05/2017 (2 Week)
- “Induction Phase-I” at NITTTR Ahmedabad during 06/02/2017 to 17/02/2017 (2 Week)

## **PORTFOLIOS (Current Portfolios)**

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- Institute NEP Committee member
- Institute SSIP Sensitization Committee member
- Department Purchase committee member

## **RESEARCH PROJECTS GUIDED**

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- NIL

## **PUBLICATION**

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### **Journal Papers**

## **ACADEMIC PROJECTS GUIDED**

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- “Manufacturing of Ammonium Chloride” (Literature review based), July 2021-June 2022.
- “Manufacturing of Caprolactum” (Literature review based), July 2020-June 2021.
- “Manufacturing of Vinyl Sulphone” (Literature review based), July 2020-June 2021.
- “Manufacturing of ethyl acetate” (Literature review based), July 2019-June 2020.
- “Manufacturing Formic Acid” (Literature review based), July 2018-June 2019.
- Treatment of waste water of paper industry, July 2016- June 2017.
- Recovery of metals from industrial waste, July 2016 – June 2017.
- Waste water Treatment using Soil Biotechnology System, July 2014- June 2015.
- Extraction of metal using different extractants, July 2014- June 2015.
- Sulphuric Acid recovery from waste streams (IDP), July-2013 to June 2014.
- Recovery of metal from waste using bioleaching, July-2013 to June 2014.

## **PATENT FILED**

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NIL

## **PROFESSIONAL INSTITUTION MEMBERSHIPS**

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- Life Time Member-Indian Society for Technical Education

## **EXPERT LECTURES**

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- Delivered a webinar on “Overview of Petroleum Sector” on 08/08/2020 online at N G Patel Polytechnic, Afwa Isroli, Bardoli.
- Delivered a webinar on “Different types of Heat exchangers” on 13/05/2022 online at N G Patel Polytechnic, Afwa Isroli, Bardoli.

## **AWARDS**

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NIL