



KAJAL JIMMY SARERIYA

Lecturer,

Chemical Engineering Department
Government Polytechnic, Valsad

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EDUCATIONAL QUALIFICATION

ME (Chemical Engineering, Polymer) Gujarat University, L.D. College of Engg. Ahmedabad	2006-2008
B.E. in Chemical VVP Engg. College, Saurashtra University, Rajkot	2002-2006

WORK EXPERIENCE

Government Polytechnic, Rajkot Lecturer	2008-2022
Government Polytechnic, Valsad	2022-Present

TECHNICAL SKILLS AND KNOWLEDGE

Response Surface Methodology software, MATLAB

SUBJECT TAUGHT

Chemical Engineering Materials
Mechanical Operation
Fluid Flow Operation
Mass Transfer
Pollution Control and Effluent Treatment
Safety and Hazard Management in Chemical Engineering
Petroleum Refining and Petrochemical Technology
Polymer Technology

TRAINING AND WORKSHOP

- ‘Induction phase -I’: at AVPTI Rajkot during 18/06/2012 to 29/06/2012 (2 week)
- ‘Induction phase -II’: at AVPTI Rajkot during 11/03/2013 to 22/03/2013 (2 week)
- ‘Application of MATLAB in Engineering’ at AVPTI Rajkot during 16/06/2014 to 27/06/2014 (2 week)
- ‘Karma Yogi’ at Preranadham, Junagadh during 23/01/2014 to 25/01/2014
- ‘Recent trends in Android applications development and advancements in brain machine technology’ at VVP Engineering College, Rajkot during 05/01/2015 to 09/01/2015 (1 week)
- ‘Multimedia Technology’ at G.P. Rajkot during 07/11/2016 to 11/11/2016 (1 week)
- ‘Active, Interactive and effective Teaching’ by ICT at G. P. Rajkot during 01/05/2017 to 05/05/2017 (1 week)
- ‘Animation and graphics’, at G.P. Rajkot during 29/05/2017 to 09/06/2017 (2 week)
- ‘Environmental pollution and solid waste management’ at NITTTR Bhopal during 09/10/2017 to 13/10/2017 (1 week)
- ‘Mathematics for engineering applications’ at NITTTR Bhopal during 20/08/2018 to 24/08/2018 (1 week)
- ‘Advance programming in C’, at G.P. Rajkot during 17/12/2018 to 22/12/2018
- ‘Communication and presentation skills’ at NITTTR Chandigarh during 18/05/2020 to 22/05/2020 (online mode)
- ‘Evaluation and setting of question papers’ at NITTTR Chandigarh during 25/05/2020 to 29/05/2020 (online mode)
- Webinar on ‘Yoga for concentration and usefulness’ at GTU during 24/08/2020 to 26/08/2020 (online mode)
- Webinar on ‘surface engineering of polymer membrane’ by CELNET on 09/09/2020 (online mode)
- Webinar on ‘sustainable industrial development’ by government polytechnic, Bharuch on 15/09/2020 (online mode)
- ‘Sensors technology’ by NITTTR, Chandigarh during 21/09/2020 to 25/09/2020 (online mode)
- Webinar on ‘human values and holistic living’ at Atmiya University, and AVPTI Rajkot during 17/08/2020 to 19/08/2020 (online mode)
- ‘Unlimited Digital advanced yearlong academic method of learning’ by education department, government of Gujarat, HRDC, Gujarat University during 28/07/2020 to 18/08/2020 (online mode)
- ‘Capacity building’ at Dr. H.S. Gour Vishwa Vidyalaya M.P. A central university during 05/10/2020 to 09/10/2020 (online mode)
- ‘Intellectual property rights’ by I HUB during 06/07/2020 to 14/09/2020 (online mode)
- ‘Gender Justice and workplace security’ by NPTEL during august September 2021 (online mode)

PORTFOLIOS (Current Portfolios)

RESEARCH PROJECTS GUIDED

PUBLICATION

Journal Papers

- “Thermal and catalytic conversion from biogas to hydrogen”, International Journal of Science and Technology, ISSN: 2348 – 9480, January 2016
- Kajal J. Sareriya, Jigar K. Andharia, Piyush B. Vanzara, Subarna Maiti, “A comprehensive review on design parameters, thermal performance assessment and medium temperature solar thermal applications of Scheffler concentrator”, Cleaner Engineering and Technology”, December 2021

ACADEMIC PROJECTS GUIDED

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education

EXPERT LECTURES

- E waste the environmental problem at G. P. Rajkot during 25/03/2019 to 29/03/2019 in STTTP
- Importance of Petroleum Refining in Chemical Engineering at G. P. Gandhinagar, on 07/07/2021 (online mode)
- Woman empowerment at G.T. Sheth Vidyalaya, Rajkot on 17/07/2021 (online mode)

AWARDS

NIL

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