

1. Name: **Dr. Ashish Madhukar Gujrathi**
2. Education – degree, discipline, institution, year
 - PhD, Chemical Engineering, BITS Pilani, India, 2010.
 - ME, Chemical Engineering, BITS Pilani, India, 2002.
 - BTech, Chemical Engineering, Amaravati University, India, 1999.
3. Academic experience
 - Department of Petroleum and Chemical Engineering, Sultan Qaboos University, Assistant Professor (Sept 2012-Present), Full time
 - Chemical Engineering Department, BITS Pilani India, Lecturer-Assistant Professor (August 2004-August 2012), Full time
4. Non-academic experience
 - Mecon Limited (A Government of India Enterprise), Doranda, Ranchi, Asst. Project Engineer, (May-2004 To June-2004)
 - Kenya Vegext (Export Processing Zone (EPZ)) Limited, Nairobi, Kenya, Asst. Factory Manager, (February-2003 To February 2004)
 - Fitwell Engineering Company, Thane, India, and Nairobi, Kenya, Executive-Projects and Resident Engineer, (June-2002 To October-2003^{*})
 - During February-2003 to October-2003, Served for both KVEL and Fitwell Engg. Company at Nairobi
 - Paramount Minerals and Chemicals (PMCL) Ltd., Ambarnath, India, Plant Engineer, (Nov 1999 To Sept 2000)
5. Certifications or professional registrations
 - In Plant Training, Gharda Chemicals Ltd. Dombivali, India.
6. Current membership in professional organizations
 - Editorial Team Member (Journal of Developmental Biology and Tissue Engineering) and Editorial Team Member (International Open Access Journal of Biology and Computer Science)
 - Life associate member of Indian Institute of Chemical Engineers (IChE)
 - Life member of International Association of Engineers (IAENG)
 - Member of Society of Plastic Engineering (SPE)
 - Associate Member of the International Society for Structural and Multidisciplinary Optimization (AMISSMO)
7. Honors and awards
 - Award for winning the Honeywell Design Contest -2015.
8. Service activities (within and outside of the institution)
Committees
 - Member, College ABET Accreditation Committee, 2018 Onwards
 - Member, College Post Graduate and Research Committee, 2018 onwards
 - Chair, Department Post Graduate and Research Committee, 2018 Onwards
 - Member, Web and Publication Committee, 203-2017**Reviewer**
 - Chemical Engineering Journal (Elsevier)
 - Memetic Computing Journal (Springer)
 - Materials and manufacturing Processes (Taylor and Francis)
 - Journal of Developmental Biology and Tissue Engineering

- CURIE, BITS Pilani
 - Journal of Engineering and Computer Innovation
- Consultancy:** None

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

- **Gujarathi, A.M.**, Vakili-Nezhaad, G.R., and Vatani, M. Optimization of Process Design Problems using Differential Evolution Algorithm. *Journal of Engineering Research*, 13: 2016, pp. 89-102.
- Mousa, H., and **Gujarathi, A.M.** Modeling and Analysis the Productivity of Solar Desalination Units with Phase Change Materials. *Renewable Energy*, 95: 2016, 225-232.
- Sharma, R., Sheth, P.N., **Gujarathi, A.M.** Kinetic modeling and simulation: Pyrolysis of Jatropha residue de-oiled cake. *Renewable Energy*, 86: 2016, 554-562.
- Al-Siyabi, B., **Gujarathi, A.M.**, Sivakumar, N. Harmonic multi-objective differential evolution approach for multi-objective optimization of fed-batch bioreactor, *Materials and Manufacturing Processes* 32 (10), 2017, 1152-1161.
- GR Vakili-Nezhaad, R Al-Mammari, **AM Gujarathi**, W Ahmad. Thermophysical properties for the binary mixtures of tert-amyl methyl ether with n-hexane, cyclopentane, benzene and m-xylene at different temperatures, *Journal of Molecular Liquids* 252, 2018, 475-487.
- G Vakili-Nezhaad, M Al-Wadhahi, **AM Gujrathi**, R Al-Maamari . Effect of temperature and diameter of narrow single-walled carbon nanotubes on the viscosity of nanofluid: A molecular dynamics study, *Fluid Phase Equilibria* 434, 2017, 193-199.
- A Ramkumar, N Sivakumar, **AM Gujarathi**, R Victor. Production of thermotolerant, detergent stable alkaline protease using the gut waste of *Sardinella longiceps* as a substrate: Optimization and characterization, *Scientific reports* 8 (1),2018, 12442.
- AS Nair, H Al-Battashi, A Al-Akzawi, N Annamalai, **A Gujarathi**, S Al-Bahry. Waste office paper: A potential feedstock for cellulase production by a novel strain *Bacillus velezensis* ASN1. *Waste Management* 79, 2018, 491-500.

10. Briefly list the most recent professional development activities

- Attended Workshop on: Preparing Engineers for a Globalized Economy: How to Teach Engineering Students Process Skills, presented by Nikos J. Mourtos, May 26-28, 2015 Sultan Qaboos University.
- Attended workshop on: Introduction to CDIO Initiative, presented by Dr. Juha Kontio on May 17-19, 2016 at Sultan Qaboos University.
- Attended Workshop on: Creative thinking, presented by Nikos J. Mourtos, May, 2017 Sultan Qaboos University.
- Visited Fahud Oil Field during November 2015, during Petroleum and Natural Gas Engineering Course Visit to Industry