

1. Name: **Dr. Ghulam Murshid**
2. Education:
 - PhD Chemical Engineering, Universiti TEKNOLOGY PETRONAS, Malaysia (2012)
 - M.Sc. : Air Quality Control Solid Waste & Wastewater Process Engineering, University of Stuttgart Germany (2007)
 - B.Sc.: Chemical Engineering, Institute of Chemical Engineering & Technology University of the Punjab Lahore Pakistan (2004)
3. Academic experience
 - Assistant Prof. Department of Petroleum & Chemical Engineering Sultan Qaboos University, Muscat. Oman, September 2014 to date
 - Lecturer, Chemical Engineering Department Universiti Teknologi PETRONAS, Malaysia, January 2013 to August 2014
 - Lecturer Chemical Engineering Department COMSATS University, Lahore, Pakistan, January 2007 to December 2009
4. Non-academic experience
 - Trainee Engineer, Rupafil Polymer Industries. Lahore, Pakistan (May 2004 to December 2004)
5. Certifications or professional registrations
6. Current membership in professional organizations:
 - Member of Pakistan Engineering Council (PEC)
 - Member of WASTE club, Stuttgart, Germany
7. Honors and awards: None
8. Service activities (within and outside of the institution)
 - Committees**
 - Department secretary (2014 2016)
 - Department bookshop coordinator (2014 to 2016)
 - Member of Department strategic committee (2016 to date)
 - Member college web and publication committee (2017 to date)
 - Reviewer**
 - Journal of Molecular Liquids
 - Chemical Engineering Research & Design
 - Journal of Chemical & Engineering Data
 - Chemical Engineering Science
 - Deanship research funds reviewer
 - Curriculum reviewer for the higher education commission Oman.
- 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
 - **Ghulam Murshid**, Farouq S Mjalli, Jamil Naser, Suaad Al-Zakwani, Adeb Hayyan, 2018. Novel diethanolamine based deep eutectic mixtures for carbon dioxide (CO₂) capture: synthesis and characterization, Physics and Chemistry of Liquids
 - **Ghulam Murshid**, Hosein Ghaedi, Muhammad Ayoub, Sahil Garg, Waqar Ahmad, 2018.
 - Experimental and correlation of viscosity and refractive index of non-aqueous system of

- diethanolamine (DEA) and dimethylformamide (DMF) for CO₂ capture, 250, 162-170.
- Hosein, G., Ayoub, M., Suriati, S., **Murshid, G.**, Sarah. F. and Azmi, A. S. 2017.
 - Investigation of various process parameters on the solubility of carbon dioxide in phosphonium-based deep eutectic solvents and their aqueous mixtures: Experimental and modelling, Int. J. GreenH. Gas Con., 66:147-158.
 - Hosein, G., Ayoub, M., Suriati, S., Sintayehu, M. H., **Murshid, G.**, Sarah. F. and Saleem, N.K. 2017. Experimental and prediction of volumetric properties of aqueous solution of allyltriphenyl Phosphonium bromide Triethylene glycol) deep eutectic solvents, Thermochim. Acta. 657:123-133.
 - Sahil, **G.**, **Murshid, G.**, Mjalli, F.S. and Waqar, A. 2017. Physical properties of aqueous blend of diethanolamine and sarcosine: experimental and correlation study, Chem. Pap. 71:1799-1807.
 - **Murshid, G.**, Sahil, G. and Mjalli, F.S. 2017. Experimental and correlation study of selected physical properties of aqueous blends of potassium sarcosinate and 2- piperidineethanol as a solvent for CO₂ capture, Chem. Eng. Res. Des. 118: 121-130

10. Briefly list the most recent professional development activities

- Participated in workshop “Preparing Engineering for Globalized Economy” May 2015
- Participated in workshop “Introduction to CDIO” May 2016
- Participated in workshop “Student and Staff Plagiarism: Factors and Approaches” October 2018