


Curriculum Vitae

Dr. Mehraj-ud-din Naik	
Academic Rank Assistant Professor Email: mnaik@jazanu.edu.sa	
Education	
<ul style="list-style-type: none">• PhD, Chemical Engineering, Chonbuk National University, South Korea, (2005-2009).• Master of Science, Organic Chemistry, University of Pune, India, (2002-2004).• Bachelor of Science, University of Kashmir, Srinagar, India, (1999-2002).	
Academic Experience	
<ul style="list-style-type: none">• Jazan University, College of Engineering, Department of Chemical Engineering, KSA, Assistant professor, (2013 - Now), Full time.	
Non-academic Experience	
<ul style="list-style-type: none">• Catalysis Division, National Chemical Laboratory (NCL), Pune, India, Project Assistant, (01/2004-04.2004).	
Certifications or Professional Registrations	
<ul style="list-style-type: none">• Course work on safety and precautionary measurements in chemical laboratories by the Korean Engineering and Consulting Association (KENCA) South Korea, (2008).• Certificate course in drug designing through computer modeling of molecules from the Poona College of science, Pune, India, (2003).	
Current Membership in Professional Organizations	
<ul style="list-style-type: none">• Editorial Advisory Board Member: IGI Global group of publishers.	
Honors and Awards	
<ul style="list-style-type: none">• Appreciation Letter from College of Engineering, Jazan University, (2020).• Brain Korea 21 (BK21) research scholarship award, 2007.• Outstanding Journal Abstract selected and published in Cheminform.• Received award from Jazan University, KSA for ISI publications.	
Recent Publications and Presentations	
<ol style="list-style-type: none">1. "Simple and facile preparation of tunable chitosan tubular nanocomposite microspheres for fast uranium (VI) removal from seawater." Mudasir Ahmad, Jianquan Ren, Yunfei Zhang, Hao Kou, Mehraj-ud-din Naik, Qiuyu Zhang, Baoliang Zhang. Chemical Engineering Journal (2021).2. "Modeling the Effects of the Contaminated Environments on COVID-19 Transmission in India, Parvaiz Ahmad Naik, Jian Zu, Muhammad Bilal Ghori, Mehraj-ud-din Naik. Results in Physics, (2021).3. "Global dynamics and bifurcation analysis of a fractional-order SEIR epidemic model with saturation incidence rate." Parvaiz Ahmad Naik, Muhammad Bilal Ghori, Jian Zu, Zohre Eskandari, Mehraj-ud-din Naik, Mathematical Methods in the Applied Sciences, (2021)4. "Differential gradient evolution plus algorithm for constraint optimization problems: A hybrid approach." Muhammad Farhan Tabassum, Sana Akram, Saadia Mahmood-ul-Hassan, Rabia Karim, Parvaiz Ahmad Naik, Muhammad Farman, Mehmet Yavuz, Mehraj-ud-din Naik, Hijaz Ahmad. An International Journal of Optimization and Control: Theories & Applications (IJOCTA), (2021).5. "Modeling the Transmission Dynamics of COVID-19 Pandemic in Caputo Type Fractional Derivative." Parvaiz Ahmad, Naik, Owolabi, Kolade M.; Zu, Jian, Mehraj-ud-din Naik. Journal of Multiscale Modelling, (2021).6. "Preparation of amidoxime modified porous organic polymer flowers for selective uranium recovery from seawater." Mudasir Ahmad, Junjie Chen, Ke Yang, Tariq Shah, Qiuyu Zhang, Mehraj-ud-din Naik and Baoliang Zhang. Chemical Engineering Journal, (2021).7. "Stability analysis of a fractional-order cancer model with chaotic dynamics." Parvaiz Ahmad Naik, Jian Zu, and Mehraj-ud-din Naik. International Journal of Biomathematics, (2021).8. "Chemically Grafted Aminated Carbon Nanotubes and l-Lysine in Ultramodified Conditions for Carbon Dioxide Storage." Mehraj-ud-din Naik, Young-Seak Lee, and Ahsanulhaq Qurashi ACS	

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Omega, (2018).

9. "The hydrogen storage capacity of metal-containing polyacrylonitrile-based electrospun carbon nanofibers." Byong-Chol Bai, Jong-Gu Kim, **Mehraj-Ud-Din Naik**, Ji-Sun Im, and Young-Seak Lee. Carbon letters, (2011).

Research Accounts

- **Google Scholar:** <https://scholar.google.com/citations?user=BhCrcd4AAAAJ&hl=en&oi=sra>
- **Research Gate:** <https://www.researchgate.net/profile/Mehraj-Ud-Din-Naik>
- **Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=57217395881>

Service Activities

- Member in Departmental Quality Committee.
- Member in Departmental Student Senior Project Committee.
- Reviewer in Journal of Inorganic & Organometallic Polymers & Materials (JOIP), (Springer).
- Reviewer in Applied Surface Science, (Elsevier).
- Reviewer in Carbohydrate Polymers, Springer, (Elsevier).
- Reviewer in Asian Journal of Applied Sciences, (Scientific Research).
- Reviewer in Colloids and Surfaces B: Biointerfaces, (Elsevier).

Recent Development Activities

1. Seminar on ABET Accreditation Requirements, (2 Hr), Monday 2nd September 2019.
2. Workshop on ABET Accreditation Standards, (2 Hr), Monday 7th October 2019.
3. Seminar on Rubrics Assessments, (3 Hr), Monday 27th October 2019.
4. Workshop on Graduation Projects & Summer Training KPIs, (2.5 Hr), Thursday 26th November 2019.
5. Workshop on Surveys Analysis, (3 Hr), Tuesday 5th December 2019.
6. Seminar on Preparing Self-Study Report, (3 Hr), Tuesday 21st December 2019.
7. Workshop on Exam Template Specifications and Design, (1.5 Hr), Monday 23th February 2020.
8. Workshop On the Pre Rubric KPIs, (2 Hr), Monday 2nd December 2019.
9. Workshop on Program Learning Outcomes Assessment, Challenge, and Achievement, (3 Hr), Monday 27th January 2020.