

Personal Data

Name	Dr.Naveed Ahmad
Department	Chemical and Material Engineering
Nationality	Pakistan
Date	07/02/2023
Official Email	Naveed.ahmad@nbu.edu.sa
Phone	0599359972

Language proficiency

Language	Read	Write	Speak
English	Proficient	Proficient	Proficient
Urdu	Proficient	Proficient	Proficient
Arabic	Conversational	Conversational	Conversational

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of issue	Address
April, 2013	PhD	University of Naples, Federico-II	Italy
June, 2009	Master of Science in Chemical Engineering	University Technology PETRONAS	Malaysia
May, 2007	Bachelor of Science in Chemical Engineering	University of Engineering and Technology, Peshawar	Pakistan

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PhD, Master or Fellowship Research Title

PhD	Relationship between rheology and molecular structure of innovative crystalline elastomers
Master	Studies on the Removal of Sulfide from wastewater by Advanced Oxidation Process

Professional Record(Beginning with the most recent)

Job Rank	Place And Address of work	Date
Assistant Professor	Department of Chemical and Material Engineering	10/08/2013 to present date
Research Associate	Department of Chemical Engineering, University of Naples, Federico-II	01/03/2010 to 01/03/2013
Graduate Assistant	Department of Chemical Engineering, University Technology PETRONAS	01/07/2007 to 01/07/2009

Management Position(Beginning with the most recent)

Administrative position	The disk	Date

Scientific Achievements (Published Refereed Scientific Research)

Name of Investigators	Research Title	Publisher and Date of Application
Abdul Aal and Naveed Ahmad	A Study of the Impact of Iron Content on the Thermal Response of the sPP/Fe Composites	Technology & Applied Science Research,12(2022) 8555-8558
Naveed Ahmad, Farooq Ahmad and Ibrahim Alenezi	Influence of Starch Content on Thermal and Rheological Properties of Syndiotatic polypropylene/starch composites	Technology & Applied Science Research,11(2021)3 7228-7232
Abdulaal Z. Al-Khazaal, Farooq Ahmad and Naveed Ahmad	Laboratory Scale Studies on Removal of Thiosulfate from Wastewater by Catalytic oxidation	Technology & Applied Science Research, 9(2019)2 4053-4056

Naveed Ahmad, Elsayed Fouad and Farooq Ahmad	Effect of Shear Flow on Crystallization of Sydiotactic Polypropylene/Clay Composites	Engineering, Technology & Applied Science Research, 8(2018)3 108-3112
Farooq Ahmad, Naveed Ahmad, Abdulaal Z. Al-Khazaal and Ibrahim Alenezi	Remediation of sulfidic wastewater by aeration in the presence of ultrasonic vibration	Engineering, Technology & Applied Science Research , 4(2018)2919-2922
Naveed Ahmad and Elsayed Fouad	Influence of Clay Contents on Rheology of Syndiotactic Polypropylene/Clay Composites	Arabian Journal of Science and Engineering. 42(2017)1537-1543
Farooq Ahmad, Saikat Maitra, Naveed Ahmad	Treatment of Sulfidic Wastewater Using Iron Salts	Arabian Journal of Science and Engineering. 42(2017)1455-1462
Elsayed Fouad, Farooq Ahmad, Naveed Ahmad	Optimization of chromium extraction from aqueous solutions by emulsion liquid membrane	Desalination and Water Treatment. 65(2017) 428-434
Naveed Ahmad, Farooq Ahmad, Adnan Daud Khan and Ihsanullah	Studies on the Oxidative Removal of Sodium Thiosulfate from Aqueous Solution	Arabian Journal of Science and Engineering. 40(2015)289-293
Ihsanullah, Sumaira Shah, Muhammad Ayaz, Iftikhar Ahmad, Murad Ali, Muataz Ali Atieh, Irshad Ahmad, Naveed Ahmad	Collection and utilization of potential spirogyra algal specie for biodiesel production in Khyber Pakhtunkhwa, Pakistan	Journal of Pure and Applied Microbiology. 9(2015)79-85
Farooq Ahmad, ElsayedFoud and Naveed Ahmad	Removal of lead from wastewater by adsorption using saudiarabianclay	International Journal of Chemical and Environmental Engineering. 5(2014)65-68
Adnan Daud Khan, Sultan DaudKhan,RehanUllah Khan, Naveed Ahmad , AmjadAli,Akhtar Khalil and Farman Ali Khan	Generation of Multiple Fano Resonances in Plasmonic Split Nanoring Dimer	Plasmonics .5(2014) 1091-1102
Adnan Daud Khan, Sultan Daud Khan, RehanUllah Khanand Naveed Ahmad	Excitation of Multiple Fano-Like Resonances Induced by Higher Order Plasmon modes	Plasmonics. 9(2014) 461-475

	in Three-Layered Bimetallic Nanoshell Dimer	
Naveed Ahmad, Rocco Di Girolamo, FiniziaAuriemma, Claudio De Rosa and Nino Grizzuti	Relations between Stereoregularity and Melt Viscoelasticity of Syndiotactic Polypropylene	Macromolecules. 46 (2013)7940-7946
Naveed Ahmad, Nino Grizzutti, Ilaria Di Rienzo	Influence of Tacticity on the Rheology of Syndiotactic Polypropylene	Annual Transactions of the Nordic Rheology Society. 19(2011)4-8
MasitaMohammad ,SaikatMaitra, Naveed Ahmad and Binay K. Dutta	Metal ion removal from aqueous solution using physic seed hull	Journal of Hazardous Material. 179 (2010) 363-372
NaveedAhmad,SaikatMaitra,BinaykantiDutta and FarooqAhmad	Remediation of Sulfidic Waste Water by catalytic oxidation using hydrogen peroxide	Journal of Environmental Sciences. 21(2009) 1735-1740
Binayk.Dutta,Naveed Ahmad and PutriNazarulFaizuraMegat	Removal of Dissolved Sulfide from Waste Water by Oxidation in the presence of Ultraviolet radiation	Malaysian Patent .Jan (2009) P120090321

Scientific Achievements (Scientific Research accept for publication)

Name of Investigators	Research Title	Date	The magazine
Farooq Ahmad, Naveed Ahmad	Model based exergy analysis of Cumene plant	31 January, 2023	Energy

Naveed Ahmad, Farooq Ahmad and Abdul Aal	Effect of iron contents on the Thermodynamic Properties of Syndiotactic polypropylene/iron composites	Feb,2023	NBU Journal

Scientific Achievements(Scientific Research submitted for Arbitration of specialized)

Name of Investigators	Research Title	Plot And Date of publication

Scientific Achievements(Finished Research Projects)

Name of Investigators	Research Title	Date Title
Naveed Ahmad, Farooq Ahmad and Ibrahim Alenezi	Viscoelastic study of Starch/Polymer composites	June ,2021
Naveed Ahmad, Farooq Ahmad and Elsayed Fouad	Effect of Shear Flow on Crystallization of Sydiotactic Polypropylene/Clay Composites	September, 2018
Naveed Ahmad and Elsayed Fouad	Influence of Clay Contents on Rheology of Syndiotactic Polypropylene/Clay Composites	September 2017

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Scientific Achievements(Current Research)

Name of Investigators	Research Title
Naveed Ahmad, Farooq Ahmad	Thermodynamic Study of Sydiotactic Polypropylene/Iron Composites
Farooq Ahmad and Naveed Ahmad	Model Based Exergy Analysis of Petrochemical Plant for Assessment of Thermodynamic Potentials and Identification of Energy Recovery

Scientific Achievements (Contribution to Scientific Conference and symposia)

Conference Title	Place And Date of the Conference	Extent of Contribution
American The Society of Rheology	Naveed Ahmad, Ilaria di Rienzo, Nino Grizzuti. Relations between Structure and rheology in syndiotactic polypropylene. The Society of Rheology 83rd Annual Meeting, October 2011	80%
CHEMECA 2009	Removal of Sodium Sulfide by oxidation in the Presence of Nano ferric Oxide Catalyst	80

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Scientific Achievements(Membership and Committees participating in)

1-	Member Pakistan Engineering Council
2-	Member of Nordic Society of Rehology
3-	Member Australian Society of Rheology

Teaching Activities(Undergraduate)

Course	Course Number	Extent of Contribution
Thermodynamics-II	1404-302	100%

Mathematical Modeling and Simulation	1404-441	100%
Material Selection	1404-413	100%
Polymer Engineering	1404-411	100%

Brief Description of the Undergraduate Courses taught

1-	
2-	
3-	

Teaching Activities (Scientific Studies)

Course	Course Number	Extent of Contribution

Teaching Activities (academic advising for Student)

Stage	Number of Students	Form	To me

Teaching Activities(Supervision of master and doctoral theses)

Scientific Certificate	The Side	The address	Date

Teaching Activities(Supervision of Ongoing Research)

Scientific Certificate	The Side	The address	Date



The Side	Position	Form	To me

Administrative Tasks and Community Service (Committee membership)

The Side	Position	Form	To me
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Administrative Tasks and Community Service (Educational Consultancy)

Time-full	Partial-time	The Side	Form	To me

Administrative Tasks and Community Service (Volunteer Work)

The Side	Volunteer Type	Form	To me

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Voluntary Competencies and Skills

1-	
2-	
3-	

