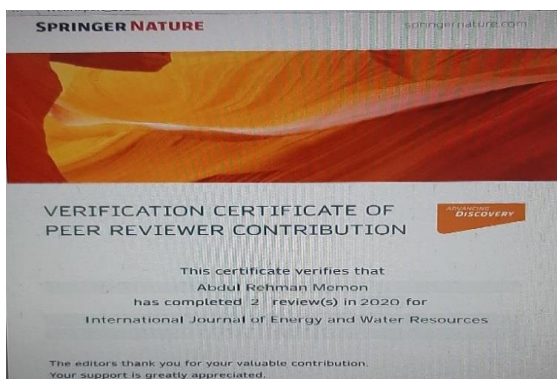


CURRICULUM VITAE



Abdul Rehman Memon, PhD

Current Position: Professor @ Mehran UET Jamshoro, Pakistan

Contact info: +92 (0) 333 3608199; +92 (0) 300 3031884

abdulrehman.memon@faculty.muett.edu.pk; abdrehman848@gmail.com

Educational

- 2011 Ph.D. (Environmental Engg) The University of Nottingham, United Kingdom.
- 2004 M.E. (Env. Engg) Mehran University of Engg. & Technology (MUET), Jamshoro Pakistan.
- 1991 B.E. (Chemical Engg) - MUET, Jamshoro Pakistan.

PhD Research: Lagooning and Bioconsortium Optimization for secondary level remediation of simulated sugar factory wastewater [available online @ <http://eprints.nottingham.ac.uk/14578/>]

Professional Experience (around 32 years)

- October 27, 2016 to present Professor, Department of Chemical Engineering, MUET Pakistan
- April 15, 2013 to October 26, 2016 Associate Professor, Department of Chemical Engineering, MUET
- October 2011- April 14, 2013 Assistant Professor, Department of Chemical Engineering, MUET
- Feb 2001 to Oct 2011 Lecturer, Department of Chemical Engineering, MUET, Pakistan
- January 09, 1993-February 2001 Demonstrator, Institute of Environmental Engineering, MUET
- October 1991-December 1992. Research Assistant, National Scientific Research and Development Board, Islamabad.

Research areas of interest

Algal biofuels; Water and Wastewater treatment; Bioenergy engineering; Pollution control engineering, Chemical Reaction Engineering, Sustainability Engineering

Research Projects completed

- Jan 2015 – Dec 2017 Effective utilization & upgradation of Nagarparker Kaolin – A natural resource mineral for economic development of Thar desert. A Knowledge Economy Partnership: HEC, Pakistan & The British Council, UK.
- October 1991-December 1992 Environmental problems due to sugar mills of Sindh and its solution. Research project funded by National Scientific Research and Development Board Islamabad.

Memberships

Pakistan Engineering Congress (CHEM-02889)

Professional Achievements, activities and skill-set

- Co-pioneered in the establishment of Institute of Environmental Engineering & Management in Mehran University of Engineering and Technology Jamshoro Sindh Pakistan.
- As Reviewer of EIGHT IMPACT FACTOR PEER-REVIEWED RESEARCH JOURNALS: Journal of Analytical and Applied Pyrolysis [I.F. 6.437]; Algal Research [I.F. 5.276]; Environmental Science and Pollution Research [I.F. 5.19]; Environmental Progress and Sustainable Energy [I.F. 2.824]; Journal of Environmental Management [I.F. 3.644]; Engineering Failure Analysis [I.F. 3.634]; Environmental Technology [I.F. 3.475]; Pakistan Journal of Analytical and Environmental Chemistry [I.F. 0.6];
- As Member Mehran University admissions committee since 2019
- As Member of Advanced Studies & Research Board MUET Jamshoro since 2020
- Impact-oriented communication skill – both written and spoken; desirable interpersonal skill; Effective body language; All-weather positive attitude; Idea-design and analysis skill; self-motivated and being able to motivate others; Strong leadership skills; Strong Team player; Proactive and flexible but with good respect to deadlines; Capable and desirous of working in an environment where diversity and inclusiveness is appreciated

WEB of SCEINCE Reviewer Profile Link:

<https://www.webofscience.com/wos/author/record/589551>

Sr. No.	Journal Name (Impact Factor)	Article Title	Review date
1			
2	Environmental Progress and Sustainable energy AICHE IF: 2.824	Photoactivation of Nano MgO Anchored g-C 3 N 4 Enhances Biodiesel Production in Chlorella sorokiniana : A Sustainable Approach	10.3.2024
3	Materials Science & Engineering B (Effects of Concentrated sunlight on the performance of InGaN solar cell with PPN structure using SCAPS-1D	13.02.2024
4	International Journal of Energy and Water Resources (Springer)	Surface Water Treatment Using Acanthus Sennii Stem	03.8.2023
5	International Journal of Energy and Water Resources (Springer)	Water efficiency strategies for improving sustainability in social housings: comparative analysis between Cairo and Sao-Paulo	26.6.2022
6	Engineering Failure Analysis (Elsevier) IF:3.634	Investigation of influence of elbow of pump inlet flow behavior in cavitating flow	19.02.2022
7	International Journal of Energy and Water Resources (Springer)	Water Quality Index, Hydrogeochemical Facies And Pollution Index Of Groundwater Around Middle Benue Trough, Nigeria	16.01.2022
8	International Journal of Energy and Water Resources (Springer)	A Peep Into The State Of Coastal Aquifer For Domestic, Industrial And Irrigation Use; A Case Study Of Port Harcourt Urban, Southern Nigeria	27.12.2021
9	International Journal of Energy and Water Resources (Springer)	Integrated Geoelectrics and Hydrogeochemistry Investigation for Potential Groundwater Contamination around a reclaimed Dumpsite, Tarea, Ogbomoso, Southwestern Nigeria.	12.11.2021

10	International Journal of Energy and Water Resources (Springer)	CFD-Thermal Analysis of Flat plate Solar Collector for different temperature variations	11.10.2021
11	International Journal of Energy and Water Resources (Springer)	Hydro-geophysical investigation of PTI Land in Osubi Area, Effurun Delta State, Nigeria	20.9.2021
12	Algal Research, Elsevier IF: 5.276	Reutilization of algal supercritical water gasification waste for microalgae <i>Chlorella vulgaris</i> cultivation	07.12.2020
13	Pakistan Journal of Analytical and Environmental Chemistry IF: 0.6	The use of waste as fuel production: Environmental perspective	28.10.2020
14	International Journal of Energy and Water Resources (Springer)	Study of Caspian Energy Markets via a Hybrid Index for Energy Demand Security in Caspian Countries in 2020 and 2030 years.	22.9.2020
15	Environmental Progress and Sustainable energy AICHE IF: 2.824	Microalgal-Bacterial consortia: A promising technique for domestic wastewater treatment	17.6.2020
16	International Journal of Energy and Water Resources (Springer)	Integrated Thermo-Economic Analysis of Industrial Boilers: A Cost Effective Approach	29.4.2020
17	Acta Polytechnica Journal of Advanced Engg.	Extraction, optimization and characterization of oil from green microalgae <i>Chlorophyta species</i>	23.7.2019
18	Environmental Progress and Sustainable energy AICHE IF: 2.824	Porphyridium cruentum grown on Swine Waste has minimal changes to productivity and Fatty Acid composition	09.3.2019
19	Environmental Science and Pollution Research Springer IF: 5.19	Modification of Acidic and textural properties of a sulphated zirconia catalyst for efficient conversion of high density polyethylene into liquid fuel	27.01.2019
20	Journal of Environmental Management Elsevier IF: 3.644	Ignition sensitivity of different compositional wood pellets and particle size dependence	23.11.2018
21	Environmental Progress and Sustainable energy AICHE IF: 2.824	Efficient Adsorption of Cd(II) Ions from Aqueous Media onto Semi-Inter Penetrating Bio-composite	27.10.2018
22	Algal Research, Elsevier IF: 5.276	Assessment of a photobioreactor-coupled modified Robbins device to compare the adhesion of <i>Nanochloropsis gaditana</i> on different materials	16.9.2018
23	Environmental Progress and Sustainable energy AICHE IF: 2.824	Biological anti-cyanobacterial process of <i>Microcystis aeruginosa</i> by <i>Streptomyces</i> sp. HJC-D1 isolated from an eutrophic pond	13.9.2018
24	Environmental Technology Taylor & Francis IF: 3.475	Recycling of sugar industry wastewater to produce single cell protein with supplemented carotenoids	25.02.2018
25	Environmental Progress and Sustainable energy AICHE IF: 2.824	Antibacterial activity of mesoporous magnesium oxide nano-hexagonal sheets for wastewater remediation	18.12.2017
26	Elsevier Journal of Analytical and Applied Pyrolysis IF: 6.437	Sulphated Zirconia Catalyzed Conversion of High density Polyethylene (HDPE) to value-added products using a Fixed-Bed Reactor	01.01.2017

23	Algal Research, Elsevier IF: 5.276	Comprehensive computational model for combining fluid hydrodynamics, light transport and biomass growth in a Taylor vortex algal photobioreactor: Eulerian approach	02.11.2016
24	Algal Research, Elsevier IF: 5.276	Energy and Nutrient Assessments for Feed Production Using Dairy Wastewater for Algal Cultivation	30.7.2016
25	Algal Research, Elsevier IF: 5.276	Process Evaluation of Energy Requirements for Feed Production Using Dairy Wastewater for Algal Cultivation: Theoretical Approach	11.6.2016
26	Algal Research, Elsevier IF: 5.276	A preliminary implementation of metabolic-based pH control to reduce CO ₂ usage in outdoor flat-panel photobioreactor cultivation of <i>Nannochloropsis oceanica</i> microalgae	15.4.2016

As Supervisor to Postgraduate Research: PhD = 3; M.E. = 13

No.	Student Name (Research Degree)	Research Topic	Status
1.	Asif Nawaz Wassan PhD (Industrial Engg & Management)	Modeling value chain prosthetics and orthotics devices fabrication through additive manufacturing in Pakistan	In progress 2021-2026
2.	Azam Usto PhD (Chemical Engg)	Ultra-cleaning of Lakhra coal via hybrid agglomerated alkali oxidation process	In progress 2020-2025
3.	Mutahir Ali Sheikh ME (Civil Engg)	River water quality assessment using quality index	Completed 2023
4.	Hidayatullah Mehr PhD (Chemical Engg)	Synthesis of Indigenous cost-effective zeolite from Nangar Parkar Kaolin for Arsenic removal from groundwater	Completed 2023
5.	Anees Ahmed M.E(Chemical Engg)	Modeling and Simulation of Ethanol dehydration process and comparative analysis	Completed 25.01.2022
6.	Adnan Ali M.E(Chemical Engg)	Parametric investigation of acid gas removal process from natural gas through simulation	Completed 25.01.2022
7.	Habibullah M.E(Chemical Engg)	Investigating the effects of solvents on natural gas dehydration through simulation using Aspen Hysys	Completed 25.01.2022
8.	Nabeel Shaikh M.E(Chemical Engg)	Impact of alternate fuel application on the characteristics of clinker from cement production	Completed January 2021
9.	Pervez Ali Shah M.E(Chemical Engg)	Efficiency analysis of indigenous bentonite as a potential drilling mud in oil and gas industry	Completed November, 2020
10.	Owais Ahmed M.E(Chemical Engg)	Regeneration of exhausted activated carbon of Glucose refinery for minimizing COD level in wastewater of corn processing industry	Completed November, 2020
11.	Ikram Zardari M.E(Chemical Engg)	Biodiesel Potential Appraisal of onion skin waste	Completed May, 2019
12.	Mansoor Keerio M.E(Chemical Engg)	Preparation, characterization and efficiency appraisal of activated carbon from Thar coal	Completed January 2018
13.	Rashid Ismail M.E(Chemical Engg)	Synthesis and characterization of activated carbon from banana empty fruit bunches	Completed March 2016
14.	Muhammad Muneeb M.E(Chemical Engg)	Bottom ash from hospital waste incineration – Energy value, hazard evaluation and characterization	Completed Nov 2014
15.	Hidayatullah Mehr M.E.(Chemical Engg)	Recovery of remainder starch contents from the clarifier effluent of starch industry	Completed April 2014

16.	Rizwan Bhutto M.E(Cheical Engg)	Bioremediation of oil field sludge to remove the aliphatic and aromatic hydrocarbons	Completed March 2014
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Research Publications

Total Published = 41; Total CITATIONS = 267; Total Impact Factor = 41.827; h/i10-index = 9

GOOGLE SCHOLAR PROFILE: https://scholar.google.com.pk/citations?hl=en&user=36uU-q4AAAAJ&pagesize=80&sortby=pubdate&view_op=list_works&citft=1&citft=2&citft=3&email_for_op=enxarm%40gmail.com&gmla=AHoSziVIX_ZFqdR2StHewS2VKTY2BI0scuOIDG6YbkgDk73PUw0QVzQVeL6UPGOeF3XEhobTcYmBE0-ucHuoDnehJf3OMIk53WINzVrpRBtBINkrQPDtQrJ-Ry2b9BuoPo1JBIQZc7pr0biTrevly36XpRDAASqu4I3H4ET0DCg_NYJZPSdYE6Z9PfChwz706hZ-tMRFsaWrLNYyX9z3bmEMZ_0TstEEpQWAKv88YWoariBFedjwBpOWbE

Recent Research Journal papers (2024-2018)

- 2024** “Groundwater arsenic removal using raw and modified Nagarparkar Pakistani Kaolin”, Research paper published in *Arabian Journal of Geosciences* Vol.17, No. 60, pp 1-11, <https://doi.org/10.1007/s12517-024-11864-0>, by Hidayatullah Mahar, Suhail Ahmed Soomro, and **Abdul Rehman Memon [I.F. 1.327]**
- 2024** “The Surveillance of arsenic levels in the drinking water of primary schools and the assessment of the potential cancer-related health risks of children in Multan, Pakistan”, Research paper published in *Emerging Contaminants* Vol. 10, pp 1-7, <https://doi.org/10.1016/j.emcon.2023.100252>, by Hidayatullah Mahar, **Abdul Rehman Memon**, Aqsa Ishfaq, Suhail Ahmed Soomro **[I.F. 5.3 / cited by: 3]**
- 2023** “Raw and modified Pakistani Kaolin as an efficient adsorbent for the removal of arsenic from groundwater”, Research paper published in *Physics and Chemistry of the Earth, Parts A/B/C* Vol., No. 131, pp 1-9, <https://doi.org/10.1016/j.pce.2023.103442>, by Hidayatullah Mahar, Suhail Ahmed Soomro and **Abdul Rehman Memon [I.F. 3.0 / cited by: 1]**
- 2023** “Alkali leaching in dissolved oxygen for efficient desulphurization of low-grade Lakhra coal”, Research paper published in *International Journal of Coal Preparation and Utilization*, Vol., No. , pp 1-12, <https://doi.org/10.1080/19392699.2023.2224240>, by Muhammad Azam Usto and **Abdul Rehman Memon [I.F. 2.0]**
- 2022** “Does the Impact of Technology Sustain Students’ Satisfaction, Academic and Functional Performance: An Analysis via Interactive and Self-Regulated Learning?”, Research paper published in *Sustainability*, Vol. 14, No. 7226, pp 1-19, doi.org/10.3390/su14127226 **[I.F.3.9]** by Muhammad Qasim Memon, Yu Lu, **Abdul Rehman Memon**, Aasma Memon, Parveen Munshi and Syed Farman Ali Shah **[I.F. 3.9] [cited by: 31]**
- 2022** “The Critical Feature Selection Approach using Ensemble Meta-based Models to Predict Academic Performances”, Research paper published in *The International Arab Journal of Information Technology*, Vol. 19, No. 3A, pp 523-529, DOI: 1034028/iajit/19/3A/12 by Muhammad Qasim Memon, Yu Lu, Shengquan Yu, Aasma Memon and **Abdul Rehman Memon [I.F. 1.2; cited by 3]**
- 2021** “Comparative characterization of Pakistan Kaolin as a baseline for its application in zeolite synthesis”, Research paper published in *Journal of Applied and Emerging Sciences*, Vol. 11, No. 2, pp 195-202 by Hidayatullah Mehr, Suhail Ahmed Soomro, **Abdul Rehman Memon** and Stuart Holmes. **[cited by: 1]**
- 2021** “Utilization of Nagarparkar kaolin for the synthesis of zeolite-zsm – a value-added product”, Research paper published in *Journal of Pakistan Institute of Chemical Engineers*, Vol. 49, No. 1

pp 41-50 by Hidayatullah Mehr, Suhail Ahmed Soomro, **Abdul Rehman Memon** and Stuart Holmes.

- 2020** “Management of Capital Availability on Shareholding Ratio and Business Performance”, Research paper published in *Saudi Journal of Business and Management Studies*, Vol. 5, Issue. 6, pp 303-318, DOI: 1036348/sjbms.2020.v05i06002 by Zhang Yong An, Aasma Memon, Muhammad Qasim Memon, **Abdul Rehman Memon (AR Memon)** and Muhammad Jaffar
- 2020** “Wheat Straw Optimization Via its Efficient Pretreatment for Improved Biogas Production”, Research paper published in *Civil Engineering Journal*, Vol. 6, No. 6, pp 1056-1063, DOI: <http://dx.doi.org/10.28991/cej-2020-03091528> by Muhammad Jaffar Memon and **Abdul Rehman Memon [cited by 43]**.
- 2020** “Process pH control and improvised cell cultivation during copolymer-induced pelagic cultivation of benthal *Chlorella vulgaris*”, Research paper published in *Environmental Progress & Sustainable Energy American Institute of Chemical Engineers (AIChE) Vol. 39, No. 3 (IF: 2.1)*, DOI: 10.1002/ep.13347 by **Abdul Rehman Memon** and Muhammad Jaffar Memon.
- 2019** “Synthesis of zeolite Y from Nagar Parkar Kaolin”, Research paper published in *NUST Journal of Engineering Sciences, (HEC Category: Y)*, Vol. 12, No. 2, pp: 50-56 by Babar Ali Qureshi, Hidayatullah Mahar, Zafar Ali Siyal, Abdul Sattar Jatoi, Suhail Ahmed Soomro, **Abdul Rehman Memon [cited by 1]**

Past Research Journal papers (2017-2001)

- 2016** Simulated sugar factory wastewater lagooning with *pseudomonas putida*”, Research paper published in *Sindh University Research Journal (Science Series), (HEC Category: X)*, Vol. 48, No. 1, pp: 161-164 by **Abdul Rehman Memon**, Kanya Lal Khatri and Wasayo Sanam Sahito
- 2015** Investigating the influence of Polydimethylsiloxane crosslinking content on membrane selectivity”, Research paper published in *Yanbu Journal of Engineering and Science*, Vol. 10, April 2015, pp: 30-40 by “Osama Farid, **Abdul Rehman Memon**, John Robinson and Steve Tarleton.
- 2015** “Growth Kinetics of Algae Cells under Heterotrophic Conditions”, Research paper published in *Sindh University Research Journal (Science Series), (HEC Category: X)*, Vol. 47, No. 4, pp: 769-774 by **Abdul Rehman Memon**, Noorullah Soomro and Kanya Lal Khatri **[cited by 1]**
- 2015** “Comparative analysis of recycled PVC composites reinforced with nonmetals of printed circuit boards”, Research paper published in *Sindh University Research Journal (Science Series), (HEC Category: X)*, Vol. 47, No. 3, pp: 431-436 by Q. Sohaib, N. Soomro, M. Habib, **Abdul Rehman Memon** and U. Tariq **[cited by 5]**
- 2015** “Copolymer Polyacrylate Polyalcohol – Hydrolytic characterization and influence on process variables as an immobilization agent”, Research paper published in *Sindh University Research Journal (Science Series), (HEC Categ. X)*, Vol. 47, No. 2, pp: 341-346 by **Abdul Rehman Memon**, O. Farid, N. Soomro and M. Jaffar.
- 2015** Recovery of Aliphatic Hydrocarbons from oil field sludge using *Bacillus sp.*”, Research paper published in *Mehran University Research Journal of Engg. & Tech., (HEC Category: X)*, Vol. 34, No. 2, April 2015, pp: 134-140 by Rizwan Ahmed Bhutto, **Abdul Rehman Memon** and Aziza Aftab.
- 2015** “Parametric Effect during power generation from sewage sludge using prototype MFC”, Research paper published in *Mehran University Research Journal of Engg. & Tech., (HEC Category: X)*, Vol. 34, No. 2, April 2015, pp: 116-120 by **Abdul Rehman Memon**, Aziza Aftab and Ghulam Yaseen Shaikh **[cited by 1]**
- 2014** “Characterization of indigenously developed KPK coal briquettes”, Research paper published in *Sindh University Research Journal (Science Series), (HEC Category: X)*, Vol. 46, No. 4, pp: 515-520 by A. U. Khan, **Abdul Rehman Memon**, M. Habib, S. S. Khan and U. Habib

- 2014 “Remedial measures of health and safety in ginning industry of Pakistan”, Research paper published in *Sindh University Research Journal (Science Series) (HEC Category: X)*, Vol. 46, No. 2, pp: 185-188 by N. Soomro, **Abdul Rehman Memon** and S. Aslam [cited by 3]
- 2014 “Power draw, solid suspension and liquid mixing in a non-standard stirred tank reactor fitted with a retreat curve impeller”, Research paper published in *Proceedings of Pakistan Academy of Sciences (HEC Category: X)*, Vol. 51, No. 1, pp. 31–42 by Muddasar Habib, Jamil Ahmed, Mohammad Jaffar, Unsia Habib, **Abdul Rehman Memon**, Nusurth Begum Mohabuth, Taimur Ahmad Kaka Khel, Farooq Khan Khalil, Faisal Abbasi and Mohammad Haris Nisar.
- 2014 “Simulated sugar factory wastewater remediation kinetics using algal-bacterial raceway reactor promoted by Polyacrylate polyalcohol” *Elsevier’s Bioresource Technology (IF: 9.7)*, Vol. 157, pp. 37-43 by **Abdul Rehman Memon**, John Andresen, Muddasar Habib, Mohammad Jaffar [cited by 11]
- 2013 “Exploitation of Low Cost Coal Fly Ash Adsorbent with Coagulants for the Treatment of Industrial Complex Nature Dyes Wastewater”, Research paper published in *Int. J. of Scientific and Engineering Research (IF: 1.4)*, Vol. 4, No. 9, pp: 109-119 by Abdul Karim Shah, Zeenat M. Ali, **Abdul Rehman Memon**, A. Jabbar Laghari, Moina Akhtar Mughal, Syed Farman Ali Shah and Hussain Saleem [cited by 22]
- 2013 “Dual Polymer Flocculation Approach to Overcome Activation of Gangue Minerals During Beneficiation of Complex Iron Ore”, Research paper published in *Elsevier J. of Powder Technology (IF: 4.5)* Vol. 245, pp: 281-291 by M.I. Abro, A.G. Pathan, **Abdul Rehman. Memon (AR Memon)**, Sirajuddin [cited by 16]
- 2013 Predicting colloidal fouling of tap water by silt density index (SDI): Pore blocking in a membrane process”, Research paper published in *Elsevier Journal of Environmental Chemical Engineering, (IF: 7.4)* Vol. 1, pp: 33-37 by Muddasar Habib, Unsia Habib, **Abdul Rehman Memon**, Amad Ullah Khan, Usman Amin, Sayed Naveed, Sultan Ali, Zahid Karim [cited by 14]
- 2013 “Bio-chemicals derived from waste: Building on the concept of a bio-refinery”, Research paper published in *Pakistan Journal of Analytical and Environmental Chemistry (HEC Category: X)*, Vol. 14, No. 2, pp. 01–07 by Muddasar Habib, Unsia Habib, **Abdul Rehman Memon**, Amad Ullah Khan, Zia ur rehman, Anwar Zeb, Abdul Moeed and Mustafa Kamal Pasha.
- 2013 “Simultaneous coagulation-adsorption process optimization for the treatment of real wastewater of complex dyes manufacturing plant”, Research paper published in *Sindh University Research Journal (Science Series) (HEC Category: X)*, Vol. 45, No. 3, pp: 506-513 by K. Shah, **Abdul Rehman Memon (AR Memon)**, G. Metlo, S. F. A. Shah and A. H. Peerzada [cited by 1]
- 2013 Determination of hydrocarbons and isolation of inherent bacteria from crude oil-contaminated soil for ex-situ bioremediation”, Research paper published in *Sindh University Research Journal (Science Series), (HEC Category: X)*, Vol. 45, No. 3, pp: 477-482 by A. Aftab, **Abdul Rehman Memon**, S. F. A. Shah H. R. Memon and M. U. Dahot [cited by 1]
- 2013 “Mixing characteristics in a conical-based pharmaceutical reactor fitted with a retreat curve impeller”, Research paper published in *Sindh University Research Journal (Sci Series), (HEC Category: X)*, Vol. 45, No. 2, pp: 365-372 by M. Habib, **Abdul Rehman Memon**, U. Habib, M. U. Amin, Naseemullah, A. Khan, S. Naveed, M. Khuram and S. Ali [cited by 2].
- 2013 Analysis of Thermal Desorption System for the Chemical Treatment of Old Storages of Oil Based Mud”, Research paper published in *Mehran University Research Journal of Engg. & Tech., (HEC Category: X)*, Vol. 32, No. 2, April 2013, pp: 245-252 by Tanweer Hussain, **Abdul Rehman Memon** and Javed Larik.
- 2013 “Production of Indigenous and Enriched Khyber Pakhtunkhwa Coal Briquettes: Combustion and Disintegration Strength Analysis”, Research paper published in *Pakistan Journal of Analytical and Environmental Chemistry, (HEC Category: Y)*, Vol. 14, No. 1, pp: 68-74 by p [cited by 2]

- 2013** Electricity generation from sewage sludge using environment-friendly double chamber microbial fuel cell”, Research paper published in *Science International*, Vol. 25, No. 1, pp: 57-61 by Shaheen Aziz, **Abdul Rehman Memon**, Syed Feroz Shah, Suhail A. Soomro, Anand Parkash, Abdul Sattar Jatoti [cited by 9]
- 2013** Prototype designing and operational aspects of microbial fuel cell – Review paper”, Research paper published in *Science International*, Vol. 25, No. 1, pp: 49-56 by Shaheen Aziz, **Abdul Rehman Memon**, Syed Feroz Shah, Suhail A. Soomro, Anand Parkash [cited by 18]
- 2012** “Efficient Coupling Optimization of Coagulants with the Adsorbent for Depollution of Dyes Manufacturing Effluent”, Research paper published in *Sindh University Research Journal (Science Series) (HEC Category: X)*, Vol. 44, No. 4, pp: 605-608 by Abdul Karim Shah, Feroz Shah Syed, **Abul Rehman Memon**, Farman Ali Shah, Khanji Harijan [cited by 1]
- 2012** “Energy-Efficient and Environmentally Sound Technique of Emulsification and Phase Inversion for Producing Stable Droplets – Applications of Membrane Emulsification to Polymerization: A Review”, Research Review paper published in *Pakistan Journal of Analytical and Environmental Chemistry (HEC Category: Y)*, Vol. 13, No. 2, pp: 1-16 by Muddasar Habib, **Abdul Rehman Memon**, Unsia Habib, Amadullah Khan, Usman Amin, Syed Naveed and Sultan Ali
- 2012** “Assessment of Coagulant Synergy for the Depollution of Binder Emulsion Plant Effluent”, Research paper published in *Pakistan Journal of Analytical and Environmental Chemistry (HEC Category: Y)*, Vol. 13, No. 2, pp: 83-90 by Abdul Karim Shah, **Abdul Rehman Memon** and Syed Farman Ali Shah.
- 2011** “Effect of Nitrogen on Ethanol production from black strap molasses as renewable energy source”, Research paper published in *Science International*, Vol. 23, No. 3, pp: 217-222 by Shaheen Aziz, Farman Ali Shah, Suhail A. Soomro, **Abdul Rehman Memon**, M. Aslam Uqaili, Hafeez Ur Rahman, G. Yaseen Shaikh and M.I.Rajoka [cited by 1].
- 2009** “Thermal Properties of Insulating Material Prepared from Coal Fly Ash and Asphalt”, Research paper published in *Mehran University Research Journal of Engg. & Tech. (HEC Category: X)*, Vol. 28, No. 3, July 2009, pp: 343-348 by Inamullah Bhatti, Khadija Qureshi, and **Abdul Rehman Memon** [cited by 2]
- 2006** “Sugar industry effluent – characteristics and chemical analysis”, Research paper published in *Journal of Applied and Emerging Sciences (HEC Category: Z)*, Vol. 1, No. 2, April 2006, pp: 152-157 by **Abdul Rehman Memon**, Suhail Ahmed Soomro and Abdul Khaliq Ansari [cited by 45].
- 2001** “Impacts of Sugar Industry Fly Ash Emissions on Environment”, Research paper published in *Mehran University Research Journal of Engg. & Tech. (HEC Category: X)*, Vol. 20, No. 4, October 2001, pp: 217-224 by **Abdul Rehman Memon** and Abdul Khaliq Ansari.

Book Chapters

As author of three chapters in the following book:

Uqaili, M. A. Harijan, K., “**Energy, Environment and Sustainable Development**”, Springer Wien New York, 2011. (CITED BY 43)

Newspapers Publications

1. “Moulding Students” published in The News on 11.6.2024 <https://e.thenews.com.pk/detail?id=315399>
2. “Brick Kiln industry and Air Pollution” published in daily Dawn on 06.5.2021 https://epaper.dawn.com/DetailNews.php?StoryText=06_05_2021_007_011 <https://www.dawn.com/news/1622334/brick-kiln-industry-and-air-pollution>
3. “Violating Rules” published in daily Dawn on 01.4.2020

- https://epaper.dawn.com/DetailNews.php?StoryText=01_04_2020_007_008
4. “Student’s mental health” published in daily Dawn on 11.8.2019
https://epaper.dawn.com/DetailNews.php?StoryText=11_08_2019_009_007
<https://www.dawn.com/news/1499280/students-mental-health>
 5. “University Graduates” published in daily Dawn on 15.5.2019
https://epaper.dawn.com/DetailNews.php?StoryText=15_05_2019_009_011
https://epaper.dawn.com/?page=15_05_2019_009
 6. “Exam factories” published in The News on 11.4.2018
<https://www.thenews.com.pk/print/302787-exam-factories>;
<http://e.thenews.com.pk/4-11-2018/page7.asp>
 7. “Reducing Plagiarism” published in daily Dawn on 15.12.2011
<https://www.dawn.com/news/680557>

Conferences, Symposia and Workshops

- | | |
|---------------------------------------|--|
| March 31, 2021 | Novel Zeolite Synthesis from Nagarparkar Kaolin, presented in the International Conference on Energy, Water & Environment by the Department of Mechanical Mechatronics and Manufacturing Engineering (New Campus) University of Engineering and Technology, Lahore. |
| January 22-23, 2018 | Baseline study on biodiesel potential of onion skin waste, presented in the 2 nd International Conference on Chemical Engineering held at Karachi by Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro. |
| 20thOctober 2016 | Downstream pH control and process-efficient kinetics during copolymer-induced pelagic cultivation of benthal <i>Chlorella vulgaris</i> held at Chemical Engineering department University of Engineering and Technology Peshawar, Pakistan. |
| 24th September 2016 | Food Health and safety – via DIY and one health approach” held on at M.D. Seminar Hall Mehran University of Engineering and Technology Jamshoro Sindh, Pakistan. |
| July 20-22, 2015 | Photoheterotrophic cultivation of benthic and immobilized <i>chlorella vulgaris</i> : Process chemistry and kinetics”, paper presented in “1 st Chemistry in Energy Conference” held in Heriot Watt University, Edinburgh, UK. |
| September 15-17, 2014 | Processing of natural fiber reinforced composite polymers and study of mechanical and corrosive properties”, Paper presented in the Conference on “10 th European Conference on Coal Research and its Applications” held in University of Hull, Kingston-Upon-Hull, United Kingdom. |
| August 22-24, 2013 | Processing of natural fiber reinforced composite polymers and study of mechanical and corrosive properties”, Paper presented in the Conference on “Emerging Materials and Processes” held in the School of Chemical and Materials Engineering, NUST, Islamabad.. |

Last updated on 20.01.2025