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Dr Anwar Khursheed is Professor of Environmental Engineering in the Civil Engineering Department, of King Saud University, Riyadh, Saudi Arabia.

He did his under graduate and master's programme from AMU and PhD from IIT Roorkee. He possesses teaching and research experience of more than 40 years. He has published one hundred seventy-nine (179) papers/articles in various International and National journals and conferences and five books/manuals/chapters including the most recent books published by IWA & Springer Nature. He was involved in many research, design and consultancy projects. As Consultant he has designed many wastewater treatment facilities. He completed large number of projects including Campus Wide Networking on 10 Gigabyte OFC backbone & Wi-Fi projects (as Nodal Officer). He also headed AMU Computer Centre as its Director, University Engineer of Building Department and FCI as Principal and Coordinator of all the Off -Campus Centres of the AMU at Malappuram, Kerala; Murshidabad, West Bengal and Kishanganj, Bihar.

Specialisation: - Biological Wastewater Treatment Processes, Energy Recovery from Wastewater treatment, Nutrient Removal and Reverse Osmosis.

Academics: PhD: – Indian Institute of Technology, IIT, Roorkee, India

MTech. (Env. Engg.): – Aligarh Muslim University, Aligarh, India.

B.Sc. Engg (Civil Engg.): – Aligarh Muslim University, Aligarh, India.

Experience: Teaching, Research & Design Consultant from October 28, 1983 onwards

Date of Birth: December 16, 1961

Awards/Appreciations

1. Institution of Engineers award on published paper, IE (India) Journal-EN, 80, 1999.
2. Most Read Water Research Article, 45 (2011), 4287-4310.
3. Award of Excellence, Department of Homeland Security, USA. 2017.

Journals, Books, Conference. Proceedings: Eighty-five (85)

Articles, Presentations, Key Notes, Seminars: Ninety-four (94)

Total Academic Publications: One Hundred Seventy-nine (179)

Funded Research Projects: Four (04)

Books / Monographs:

1. Sana Farooq, Abdul Rafeeq, Faisal Zia Siddiqui, Anwar Khursheed and Tauseef Zia Siddiqui (2025) *Unlocking the Potential: Big Data Challenges and Opportunities in Wastewater Management*, Ch 16, *Smart Wastewater Systems and Climate Change: Innovations Through Spatial Intelligence* Edited by Moharana Choudhury, Sushobhan Majumdar, Srijan Goswami and Mika Sillanpää © The Royal Society of Chemistry 2025 Published by the Royal Society of Chemistry, ISBN:978-1-83767-465-7 www.rsc.org <https://doi.org/10.1039/9781837676880-00231>
2. Ghazal Srivastava, Ankur Rajpal, **Anwar Khursheed**, and Absar Ahmad Kazmi (2024) *A Comprehensive Characterization of Wastewater and Sewage Sludge in SBR-Based STPs of India*, Chapter 11, *Waste Management and Treatment: Advances and Innovations* edited by Ankur Rajpal, Moharana Choudhury, Srijan Goswami, Arghya Chakravorty, Vimala Raghavan; **CRC Press, Taylor & Francis** (publication, July 31, 2024). ISBN9781032192567 <https://books.google.co.in/books/publisher/content?id=KK8SEQAAQBAJ&pg=PA173&img=1&zoom=3&hl=en&ots=YDZnRJuxiX&sig=ACfU3U0JCJtx1GCc5IK51Fm7HZpjc3TGzQ&w=1280>
3. Mohd Salim Mahtab, Izharul Haq Farooqi, **Anwar Khursheed**, Mohd Azfar Shaida. (2023), *Advanced Oxidation Processes and their Applications*, “Book name: Management of Wastewater and Sludge including Micropollutants–New Approaches”, Ch. 5 *Advanced Oxidation Processes and Their Applications* **CRC Press, Taylor & Francis** (publication, May 12, 2023). ISBN: 9781032064635. https://books.google.co.in/books?hl=en&lr=&id=fkC0EAAAQBAJ&oi=fnd&pg=PA85&ots=w_cKfSIO8YV&sig=Ox-FwLSwYFeinL_utiAN6JHZREk&redir_esc=y#v=onepage&q&f=false
4. Vinay Kumar Tyagi, Akansha Bhatia, Rubia Zahid Gaur, Abid Ali Khan, **Anwar Khursheed**, Ankur Rajpal, Muntjir Ali, Shri Om, and Absar Ahmad Kazmi. *Innovations in Environmental Biotechnology* 17 May 2022 (c) Springer Nature Singapore. Ch 26: *Cyclic Technology–Based Sequencing Batch Reactors (SBR) Treating Municipal Wastewater: Full-Scale Experience*. 633-652, Online ISBN978-981-16-4445-0, <https://doi.org/10.1007/978-981-16-4445-0>
5. **Post Treatments of Anaerobically Treated Effluents**. Vinay K. Tyagi; Abid A. Khan; Ng Wun Jern; **Anwar Khursheed**; A.A. Kazmi; **IWA Publication, London** , 15.6.2019. <https://www.iwapublishing.com/books/9781780409733/post-treatments-anaerobically-treated-effluents>,
6. B. Ahmed, S.B. Tiwari, A. Naseem, A.A. Kazmi, **Anwar Khursheed**, Vinay K. Tyagi. **"Biorefineries: A Step Towards Renewable and Clean Energy"**. Chapter 5: **Thermal Pre/Treatment of Organic Fraction of Municipal Solid Waste**. **Springer Publications, 2020**. <https://www.springer.com/gp/book/9789811595929>

7. Pallavi Gahlot, Kaoutar Aboudi, Banafsha Ahmed, Ahmed Tawfik, Abid Ali Khan, **Anwar Khursheed**, Vinay Kumar Tyagi (2021) Direct interspecies electron transfer (DIET) via conductive materials in anaerobic digestion of organic wastes, Ch. 9, Clean Energy and Resources Recovery Biomass Waste Based Biorefineries, Vol. 1, © 2021 Elsevier Inc. DOI: <https://doi.org/10.1016/C2020-0-00530-X>
8. **Laboratory Procedures and Techniques for Environmental Engineers.**
9. **Manual on Basic Concepts of Anaerobic Wastewater Treatment.**
10. **Manual on Process Technology of Anaerobic Wastewater Treatment.**

Funded Research Projects:

1. Integrated research on environmental sustainability through application of geoscience and environmental engineering – KSU, Riyadh Saudi Arabia (RG-1441-371).
2. Evaluation and potential applications of bio-sorption process for the removal of heavy metals from aqueous waste streams - UGC
3. Batch mode and bench scale fixed bed column evaluation of toxic metals removal from dilute aqueous solutions by fly ash - UPCST
4. UASB up-gradation and its post treatment by Aerobic Granular Biomass system - DST

List of Publications

1. Abdulaziz Mohammed Almegbl, Ali Mohammad Rahmani, Kamaluddin Kamal, Faris Mohammad A. Munshi, Abbas Khursheed, Muntjeer Ali and Anwar Khursheed, (2025) Retrospective of DIET process for enhanced biogas production during anaerobic digestion of thermal/chemically pretreated waste activated sludge, *Frontiers in Environmental Engineering*, 11 June 2025, vol. 4 – 2025, doi: <https://doi.org/10.3389/fenv.2025.1597684>
2. Abdulaziz Mohammed Almegbl, Faris Mohammad A. Munshi, **Anwar Khursheed** (2024) Synergic effect of thermo-chemical pretreatment of waste-activated sludge on bio-methane enhancement, *Frontiers in Environmental Science*, 16 July 2024, Vo. 12 - 2024 <https://doi.org/10.3389/fenvs.2024.1419102> (**Q1, Impact Factor 3.3**)
3. Abdulaziz Mohammed Almegbl, Faris Mohammad A. Munshi, **Anwar Khursheed** (2024) Biogas enhancement in anaerobic digestion of thermo-chemically pretreated sludge via stimulating direct interspecies electron transfer by biochar and graphene, *Frontiers in Chemical Engineering*, 18 June 2024, Vol. 6, 2024 <https://doi.org/10.3389/fceng.2024.1419770> (**Q1, Impact Factor 2.5**)
4. Faris Mohammad A. Munshi; Abdulaziz Mohammed Almegbl; Ali Mohammad Rahmani; Abbas Khursheed; Muntjeer Ali; Anwar Khursheed (2024) Thermal chemical pretreatment of waste-

- activated sludge for enhanced solubilization and biogas production: a review. *Water Reuse* (2024) 14 (3): 459–480. September 11 2024 <https://doi.org/10.2166/wrd.2024.049>
5. Mohd Salim Mahtab, Izharul Haq Farooqi, **Anwar Khursheed**, Mohd Imran Siddiqui, Lingyue Zhang. (2024) Perspectives on sustainable process control optimization through reusability of non-regenerated Fenton sludge in landfill leachate treatment. *Journal of Water Process Engineering* <https://doi.org/10.1016/j.jwpe.2024.105205> (Q1, Impact Factor 7.0)
 6. Manish Kumar, Madhvi Joshi, Guangming Jiang, Rintaro Yamada, Ryo Honda, Vaibhav Srivastava, Jürgen Mahlknecht, Damia Barcelo, Sabarathinam Chidambaram, **Anwar Khursheed**, David Graham, Ritusmita Goswami, Keisuke Kuroda, Anand Tiwari, Chaitanya Joshi (2023) Response of wastewater-based epidemiology predictor for the second wave of COVID-19 in Ahmedabad, India: A long-term data Perspective. *Environmental Pollution*, Available online 29 August 2023, 12247. <https://doi.org/10.1016/j.envpol.2023.122471> (Q1, Impact Factor 8.9)
 7. **Anwar Khursheed**, Faris Mohammad A. Munshi, Abdulaziz Ibrahim Almohana, Abdulrhman Fahmi Alali, Mohab Amin Kamal, Shamshad Alam, Omar Alrehaili, Dar Tafazul Islam, Manish Kumar, Sunita Varjani, A. A. Kazmi, Vinay Kumar Tyagi. (2023) Resolution of Conflict of Reduced Sludge Production with EBPR by Coupling OSA to A²/O Process in a Pilot Scale SBR. *Chemosphere*, 318, 1-14. Available online 23 January 2023, <https://doi.org/10.1016/j.chemosphere.2023.137945>. (Q1, Impact Factor 8.8)
 8. **Anwar Khursheed**, Muntjeer Ali, Faris Mohammad A. Munshi, Abdulrhman Fahmi Alali, Mohab Amin Kamal, Abdulaziz Ibrahim Almohana, Omar Alrehaili, Rubia Z. Gaur, Vinay Kumar Tyagi, Abid A. Khan, Gaurav Goel (2022) Enhanced Combined Assimilative and Bound Phosphorus Uptake in Concurrence with Nitrate Removal in Pre-Anoxic Cyclic Sequencing Batch Reactor, *Environmental Technology & Innovation*, Available online 13 September 2022, <https://doi.org/10.1016/j.eti.2022.102909>. (Q1, Impact Factor 7.76)
 9. Ankur Rajpal, Muntjeer Ali, Moharana Choudhury, Abdulaziz Ibrahim Almohana, Abdulrhman Fahmi Alali, Faris Mohammad A. Munshi, **Anwar Khursheed**, Absar Ahmad Kazmi (2022) Abattoir wastewater treatment plants in India: Understanding and performance evaluation. *Frontiers in Environmental Science*, May 2022, Volume 10, Article 881623. <https://doi.org/10.3389/fenvs.2022.881623> (Q1, Impact Factor 4.24)
 10. Manish Kumar, Madhvi Joshi, Guangming Jiang, Rintaro Yamada, Ryo Honda, Vaibhav, Srivastava, Jürgen Mahlknecht, Damia Barcelo, Sabarathinam Chidambaram, **Anwar Khursheed**, David Graham, Chaitanya Joshi, (2022) Response of Wastewater-Based Epidemiology Predictor for the Second Wave of COVID-19 in Ahmedabad, India: A Long-term Data Perspective. *medRxiv*, May 2022. doi: <https://doi.org/10.1101/2022.05.28.22275432>
 11. Amit Krishan, Rajeev Kumar Mishra & **Anwar Khursheed** (2022): Evaluation of water quality using water quality index, synthetic pollution index, and GIS technique: a case study of the river Gomti, Lucknow, India. *Environmental Science and Pollution Research* (Springer Link) 29, pages 81954–81969 (2022), <https://doi.org/10.1007/s11356-022-21493-3>

12. G. Srivastava, A. Rajpal, **A. Khursheed**, A. K. Nadda, V. K. Tyagi, A. A. Kazmi. (2022) Influence of variations in wastewater on simultaneous nutrient removal in pre-anoxic selector attached full-scale sequencing batch reactor. International Journal of Environmental Science and Technology (Springer Link), 197, <https://doi.org/10.1007/s13762-022-04052-8>
13. Mohd Salim Mahtab, Izhar H. Farooqui, **Anwar Khursheed**, (2022) Optimization of Fenton process for concurrent COD removal and lower sludge production: Process intensification and impact of reagents dosing mode. Journal of Environmental management, 315 (2022) 115207. <https://doi.org/10.1016/j.jenvman.2022.115207> (Q1, **Impact factor 8.91**)
14. Banafsha Ahmed; Vinay Kumar Tyagi; A.A. Kazmi; **Anwar Khursheed** (2022) New insights into thermal-chemical pretreatment of organic fraction of municipal solid waste: solubilization effects, recalcitrant formation, biogas yield and energy efficiency. *Fuel* 319 (2022) 123725, <https://doi.org/10.1016/j.fuel.2022.123725> (Q1, **Impact factor 6.61**)
15. B.C.Y. Lee, M. S. Mahtab, K.M. Tan, C.K. Pooi, I.H. Farooqi, **A. Khursheed** (2022) A comprehensive review of Design of experiment (DOE) for water and wastewater treatment application - Key concepts, methodology and contextualized application. Journal of Water Process Engineering 47 102673 2214-7144. <https://doi.org/10.1016/j.jwpe.2022.102673> (Q1, **Impact factor 7.34**)
16. Amit Krishan, Rajeev Kumar Mishra & **Anwar Khursheed** (2022): Assessment of water quality using water quality index: A case study of the River Gomti, Lucknow, Uttar Pradesh, India, Urban Water Journal, DOI: <https://doi.org/10.1080/1573062X.2022.2032210> (Q1, **Impact factor 4.4**)
17. A.H. Alsabhan, K. Singh, A. Sharma, S. Alam, D.D. Pandey, S.A.S. Rahman, **A. Khursheed**, F.M. Munshi, (2021) Landslide susceptibility assessment in the himalayan range based along kasauli – parwanoo road corridor using weight of evidence, information value, and frequency ratio, Journal of King Saud University - Science, 34, 1-12, 101759 doi: <https://doi.org/10.1016/j.jksus.2021.101759> (Q2, **Impact factor 4.01**)
18. Muntjeer Ali, Abdulaziz Ibrahim Almohana, Abdulrhman Fahmi Alali, Mohab Amin Kamal, Abbas Khursheed, **Anwar Khursheed**, A. A. Kazmi. (2021). Common Effluent Treatment Plants Monitoring and Process, Frontiers in Environmental Science, December 2021, Vol. 9, <https://doi.org/10.3389/fenvs.2021.741343> (Q1, **Impact Factor 4.24**).
19. Afzal Husain Khan· Ahmed Abutaleb· Nadeem A. Khan· Alaa El Din Mahmoud· **Anwar Khursheed**· Manish Kumar (2021)· Co-occurring indicator pathogens for SARS-CoV-2: A review with emphasis on exposure rates and treatment technologies. Case Studies in Chemical and Environmental Engineering, Vol. 4, December 2021, <https://doi.org/10.1016/j.cscee.2021.100113> (Q1, **Impact Factor 7.62**).
20. Mohd Salim Mahtab, Izhar H. Farooqui, **Anwar Khursheed**, (2021) Sustainable approaches to the Fenton process for wastewater treatment: A review. Materials today proceedings, Vol. 47,

- Part 7, 2021, Pages 1480-1484, <https://doi.org/10.1016/j.matpr.2021.04.215> (Q1, **Impact factor 3.04**)
21. Ghazal Srivastava, Ankur Rajpal, **Anwar Khursheed**, Ashok Kumar Nadda, Vinay Kumar Tyagi, Absar Ahmad Kazmi. (2021) Influence of Variations in Wastewater on Simultaneous Nutrient Removal in a Pre-Anoxic Selector Attached Full-Scale Sewage Treating SBR. Environmental Science and Pollution Research DOI:[10.21203/rs.3.rs-214129/v1](https://doi.org/10.21203/rs.3.rs-214129/v1) (Q2, **Impact Factor 3.056**).
22. Mohd Salim Mahtab, Izhar H. Farooqui, **Anwar Khursheed**, (2021) Zero Fenton sludge discharge: a review on reuse approach during wastewater treatment by the advanced oxidation process. International Journal of Environmental Science and Technology <https://doi.org/10.1007/s13762-020-03121-0> (Q2, **Impact Factor 3.52**).
23. Manish Kumar, Payal Mazumder, Sanjeeb Mohapatra, Alok Kumar Thakur, Kiran Dhangar, Kaling Taki, Santanu Mukherjee, Arbind Kumar Patel, Prosun Bhattacharya, Pranab Mohapatra, Jörg Rinklebe, Masaaki Kitajima, Faisal I Hai, **Anwar Khursheed**, Hiroaki Furumai, Christian Sonne, and Keisuke Kuroda (2021) A Chronicle of SARS-CoV-2: Seasonality, Environmental Fate, Transport, Inactivation, and Antiviral Drug Resistance. Journal of Hazardous Materials, <https://doi.org/10.1016/j.jhazmat.2020.124043> (Q1, **Impact Factor 9.038**).
24. Afzal H. Khan, Nadeem A. Khan, Sirajuddin Ahmed, Aastha Dhingra, Chandra P. Singh, Saif Ullah Khan, Ali A. Mohammadi, Fazlollah Changani, Mahmood Yousefi, Shamshad Alam, Sergij Vambol, Viola Vambol, **Anwar Khursheed**, Imran Ali, (2020) Application of advanced oxidation processes followed by different treatment technologies for hospital wastewater treatment. Journal of Cleaner Production DOI: <https://doi.org/10.1016/j.jclepro.2020.122411> (Q1, **Impact Factor 7.246**)
25. **Anwar Khursheed**, Shamshad Alam, Vinay Kumar Tyagi, Ajay S. Nagpure, Abid Ali Khan, Rubia Gaur, Sanyogita Singh, Prosun Bhattacharya, Santanu Mukherjee, Manish Kumar, 2020. Future lionising of the lockdown during COVID-19 pandemic: The dawn is expected at hand from the darkest hour. Groundwater for Sustainable Development, Vol. 11, October 2020, 100433, <https://doi.org/10.1016/j.gsd.2020.100433> (Q1, **Impact Factor 6.27**)
26. Pallavi Gahlot, Banafsha Ahmed, Satya Brat Tiwari, Nabin Aryal, **Anwar Khursheed**, A.A. Kazmi, Vinay Kumar Tyagi, (2020) Conductive material engineered direct interspecies electron transfer (DIET) in anaerobic digestion: Mechanism and application. Environmental Technology & Innovation, 20, <https://doi.org/10.1016/j.eti.2020.101056>. (Q2, Impact Factor 3.356).
27. Mohd Salim Mahtab, Izharul Haq Farooqi, **Anwar Khursheed** (2020), “Degradation of recalcitrant compounds from the industrial effluents by Fenton-based approaches: A review”, *Journal of Indian Chemical Society*, Vol. 97, No. 12b, pp. 2864-2866.
28. **Khursheed A**, Gaur RZ, Sharma MK, Tyagi VK, Khan AA, Kazmi AA, Dependence of enhanced biological nitrogen removal on carbon to nitrogen and rbCOD to sbCOD ratios during

- sewage treatment in sequencing batch reactor, Journal of Cleaner Production (2018), Vol. 171, Pages 1244-1254. <https://doi.org/10.1016/j.jclepro.2017.10.055> (Q1, Impact 7.25)
29. **Khursheed A**, Vinay K. Tyagi, Rubia. Z. Gaur, Meena Kumari Sharma, Abid Ali Khan, A.A. Kazmi. “Reduced sludge growth at high bulk liquor dissolved oxygen induced by increased secondary cell maintenance”, Chemosphere 184 (2017), Pages 636 -641 <https://doi.org/10.1016/j.chemosphere.2017.06.031> (Q1, Impact Factor 5.78)
30. **Khursheed Anwar**, Sharma Meena, Tyagi V. K., Khan Abid Ali, Kazmi, Absar Ahmad. “Specific oxygen uptake rate gradient – Another possible cause of excess sludge reduction in oxic-settling-anaerobic (OSA) process”, Chemical Engineering Journal, Volume 281, 1, 613–622, (2015) doi.org/10.1016/j.cej.2015.06.105. (Q1, Impact Factor 10.65)
31. **Khursheed Anwar**, Tyagi V. K., Khan Abid Ali, Bhatia Akanksha, Gaur Rubia Z, Ali Muntajir, Sharma Meena, Kazmi, Absar Ahmad. “Operation and maintenance of sewerage systems: present challenges and possible solutions- an Indian experience” Desalination and Water Treatment, <https://doi.org/10.1080/19443994.2014.980326> (Taylor & Francis). (Q4, Impact Factor 0.86)
32. Muntjeer Ali, Nitin Kumar Singh, Akansha Bhatia, Shriom Singh, **Anwar Khursheed**, A. A. Kazmi (2014) “Sulphide Production Control in UASB Reactor by addition of Iron Salt”, [10.1061/\(ASCE\)EE.1943-7870.0000911](https://doi.org/10.1061/(ASCE)EE.1943-7870.0000911). © 2014 American Society of Civil Engineers ASCE's Journal of Environmental Engineering, (Impact Factor 1.51).
33. Sharma Meena, **Khursheed, A.**, Kazmi, A. A. (2014). “Modified septic tank-anaerobic filter unit as a two-stage onsite domestic wastewater treatment system” Environmental Technology – <https://doi.org/10.1080/09593330.2014.896950> , 2014 (Q3, Impact Factor 2.21).
34. Tyagi V. K., Bhatia Akanksha, Gaur Rubia Zahid, Khan Abid Ali, Ali Muntajir, **Anwar Khursheed**, Kazmi, Absar Ahmad. “Impairment in Water Quality of River Ganges and Consequential Health Risks on account of Mass Bathing during 2010 Maha Kumbh Festival in India” Desalination and Water Treatment (Taylor & Francis). <https://doi.org/10.1080/19443994.2013.734677>, 16 Nov 2012. (Q4, Impact Factor 0.89)
35. **Anwar Khursheed**, Rubia Z. Gaur, Akanksha Bhatia, Abid Ali Khan, Vinay Kumar Tyagi, A. A. Kazmi ” Role of Volume Exchange Ratio and Non-Aeration Time in Spillage of Nitrogen in Continuously Fed and Intermittently Decanted Sequencing Batch Reactor” Chemical Engineering Journal (Elsevier), 191 (2012) 75– 84. <https://doi.org/10.1016/j.cej.2012.02.067> (Q1, Impact Factor 10.65)
36. M. Ali, K. S. Duba, A. S. Kalamdhad, A. Bhatia, **A. Khursheed**, A. A. Kazmi and N. Ahmed “High Rate Composting of Herbal Pharmaceutical Industry Solid Waste” Water Sc. Technology (IWA), 2012; 65(10):1817-25. <https://doi.org/10.2166/wst.2012.082>. (Impact Factor 1.92)
37. Tyagi V K, Bhatia A, Gaur R Z, Ali M, Khan Abid A, Khan A, Anwar Khursheed, Kazmi A, Effects of multi-metal toxicity on the performance of sewage treatment system during the

- festival of colors (Holi) in India, *Environ Monit Assess.* (Springer Verlag) Volume 184, Issue 12, pp 7517-7529, December 2012, <https://doi.org/10.1007/s10661-012-2516-1>. Q2, (Impact Factor 2.5)
38. **Anwar Khursheed**, A.A. Kazmi, Retrospective of Ecological Approaches to Excess Sludge Reduction, *Water Research* (Elsevier), 45, (15) (2011), 4287-4310. <https://doi.org/10.1016/j.watres.2011.05.018> (Q1, Impact Factor 9.3)
39. Abid Ali Khan, Rubia Zahid Gaur, V.K. Tyagi, **Anwar Khursheed**, Beni Lew, Indu Mehrotra, A.A. Kazmi, “Sustainable options of post treatment of UASB effluent treating sewage: A review”, *Resources, Conservation and Recycling* (Elsevier), Vol 55, (12), 2011, 1232-1251. <https://doi.org/10.1016/j.resconrec.2011.05.017> (Q1, Impact Factor 8.09)
40. Tyagi V.K., Sahoo B.K., Kazmi A.A., Ahmad Z., **Khursheed A.**, Chopra A.K. “Fate of coliforms and pathogenic parasite in four full-scale sewage treatment systems in India, *Environ Monit Assess.*, 181:123–135, 2011 (Springer Verlag) <https://link.springer.com/article/10.1007%2Fs10661-010-1818-4> (Q2, Impact Factor 2.5)
41. Ahmad Ashfaq, **Anwar Khursheed**, Sheetal Sharma, “Water Quality Assessment of Yamuna river for Irrigational purpose”, *International Journal of Environment, Ecology and Conservation*, Vol. 17, (2), (2011), 199-203.
42. Ahmad Ashfaq, **Anwar Khursheed**, Ashish Sharma, “Water Quality Assessment and Population prediction of Meerut City: A case study” *International Journal of Pollution Research*, Vol. 30, (1), (2011), 81-84.
43. Aatika Sadia, Ahmad Ashfaq, **Anwar Khursheed**, “Pollution Control trends in Pulp and Paper Industry”, *Industrial pollution control*, Vol 13 (3), (2010), 43-46.
44. Ahmad Ashfaq, Aatika Sadia, Shazia Anis, **Anwar Khursheed**, “Environmental Waste Management: A case study of Refinery”, *International Journal of Industrial Pollution Control*, Vol., 26 (1), (2010), 95-103.
45. Aatika Sadia, Ahmad Ashfaq, **Anwar Khursheed**, “Performance Evaluation of an Effluent Treatment Plant in a large-scale Pulp and Paper Mill”, *Journal of the Institution of Public Health Engineers*, Vol. 11 (1), (2010), 14-18.
46. Khan A.A., Farooqi I.H., **Khursheed A.** “Performance Evaluation of Full Scale UASB Reactor for Sewage Treatment”, *IE (I) Journal-EN*, Vol. 80, 1999.
47. Isa M.H., Farooqi I.H., **Khursheed A.** “Anaerobic Treatability of Distillery Spent Wash”, *IE (I) Journal-EN*, Vol. 80, 1999.
48. Ilyas M., Isa M.H., Farooqi I.H., **Khursheed A.**, Siddiqi R.H. “Treatment of Distillery Spent Wash by Anaerobic Filter-A Water Conservation Approach”, *IJEH*, Vol. 40, (2), 153-159, 1998.
49. Siddiqui A.A., **Khursheed A.**, Farooqi I.H. and Siddiqi R.H. “Economics of Chromium Recovery from Spent Chrome Tan Liquor”, *IJEH*, Vol. 40, No.2, 142-152, 1998.

50. Khursheed A. and Farooqi I.H. “Design of Gas-Liquid-Solid Separator for UASB Reactors”, Indian journal of Environmental health (IJEH), Vol. 40, No.3, 286-288, 1998.
51. Farooqi I.H., Khursheed A., Siddiqi R.H. “Characteristics of Granular Sludge Developed on Cane Sugar Mill Waste”, IJEH, Vol. 40, No.1, 58-66, 1998.
52. Khursheed A., Farooqi I.H., Siddiqi R.H. “Development of Granular Sludge on Cane Sugar Mill Waste using a Pilot Scale UASB Reactor”, IJEH, Vol. 39, No.4, 315-325, 1997.
53. Asrar M.T., Khursheed A., Iliyas M., Siddiqi R.H. “Effect of Gas Pressure on Methanogenesis” Indian Chemical Engineering, Vol.34, No. 2 & 3, April-Sept. 1992.

Conference Abstract/ Proceedings

1. Abdulaziz Mohammed Almeghl, Muntjeer Ali, **Anwar Khursheed**, A. A. Kazmi, Faris Mohammad A. Munshi (2024) Synergic effect of thermo-chemical pretreatment of waste-activated sludge on bio-methane enhancement, 19th IWA Conference on Sludge Management Toward material cycle and low carbon society, 21st - 24th , October, 2025, Kyoto, Japan. <https://pub.conf.it.atlas.jp/en/event/iwa19>, Section 2-01-06, pp 129.
2. **Anwar Khursheed**, (2024) “Sustainability Attempted by virtue of Enhanced Biomethanation of Waste Municipal Sludges”, International Conference on Sustainable Developments in Air & Waste Management, Department of Civil Engineering, AMU Aligarh. India, Dec. 20-21, 2024. <https://indiafirst.mediabharti.net/news/conference-held-on-sustainable-development>
3. Saheb Hussain; **Anwar Khursheed**; Sohail Ayub; Pushpendra Kumar Sharma. (2024) Monitoring ambient air quality of Aligarh city UP, India . 3rd international conference on functional materials, manufacturing, and performances: ICFMMP2022 AIP Conf. Proc. 2986, 030181 February 20 2024, <https://doi.org/10.1063/5.0195564>
4. Mohd Salim Mahtab, Izharul Haq Farooqi 1, **Anwar Khursheed** (2023). The evaluation of hybrid Fenton and membrane filtration processes for enhanced landfill leachate treatment. International Workshop "Membrane Technologies for Desalination, Energy and Water Sustainability: MemDEW-2023", 18-20th October 2023, Department of Hydrology, Indian Institute of Technology, Roorkee, India, 247667, India. <https://iitr.ac.in/Departments/Hydrology%20Department/Academics/Trainings.html>
5. Amit Krishan, Rajeev Kumar Mishra, **Anwar Khursheed** (2022) Water quality assessment of the river Gomti, Lucknow (India) using Water Quality Index (WQI) and Synthetic Pollution Index (SPI). Vth International Conference on Research, Analyze, Communicate and Evaluate,

International Association of Research and Developed Organization (IARDO). 138-149, ISBN: 978-93-91533-03-2, Punjab, India 2nd July 2022.

6. Amit Krishan, Rajeev Kumar Mishra & **Anwar Khursheed**, “Assessment of water Quality of the River Gomti, India by Water Quality Index” in the International Conference on “Innovative Researches in Engineering & Technology (IRET-2022)” in Joint Collaboration with Engineering Council of India, New Delhi and Buddha Institute of Technology, Gorakhpur held at Buddha Institute of Technology, Gorakhpur (U.P.), India, During April 21-22, 2022.
7. Musfique Reza, Shamshad Alam, **Anwar Khursheed**, Enhanced Solubilization of Municipal Sludge through Combined Microwave-Alkaline Pre-Treatment. Accepted for the Proceedings of **OICWE2020: Oman’s International Conference on Water Engineering 2020/2021**.
8. Mohd Salim Mahtab, Izharul Haq Farooqi, **Anwar Khursheed**, “Process control methodology of the Fenton oxidation for the treatment of landfill leachate”, *Proceedings of Peer-Reviewed abstracts in 4th International European Conference on Interdisciplinary Scientific Researches August 8-9, 2021 / WARSAW, POLAND*.
9. Mohd Salim Mahtab, Izharul Haq Farooqi, **Anwar Khursheed**, “Degradation of recalcitrant compounds from the industrial effluents by Fenton-based approaches: a review”, *Proceedings of 2nd International Conference on Advanced Technologies for Industrial Pollution Control (ATIPC-2020)* organized by the Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, West Bengal, India.
10. Mohd Salim Mahtab, Izharul Haq Farooqi, **Anwar Khursheed**, “Sustainable approaches to the Fenton process for wastewater treatment: A review”, *Proceedings of International Conference on Sustainable Technologies for Water Treatment and Desalination (STWTD-2020)* conducted by the Department of Chemical Engineering, National Institute of Technology Calicut, India.
11. **Anwar Khursheed**, ”Stoichiometric Model On Simultaneous EBPR And Sludge Reduction In OSA – SBR”, International Conference On Sustainable Solutions In Industrial Pollution, Water And Wastewater Treatment, (ISCAMU 2018), Nov. 10 & 11, 2018.
12. Dar Tafazul Islam, Irfanullah, **Anwar Khursheed**, Mohd Salim Mahtab and Izharul Haq Farooqi,” Optimization of the Electro-Hydrolytic Pretreatment for Enhanced Biogas Production from Slaughter House Sludge”, *Proceedings of International Conference on Sustainable Solutions in Industrial Pollution, Water and Wastewater Treatment*, “ISC AMU 2018”, November 2018, organized by Department of Civil Engineering (AMU) in collaboration with “The University of Toledo OHIO, USA”.
13. **Anwar Khursheed**, Vinay Kumar Tyagi, Meena Kumari Sharma, Rubia Z. Gaur, Abid Ali Khan, A.A. Kazmi, “Conflict Resolution of Enhanced Biological Phosphate Removal and Sludge Reduction in Oxic-Settling-Anaerobic (OSA) SBR”. *Proceedings International Symposium on Sustainable Urban Environment (Issue 2017)* Department of Environmental Science, Tezpur University, June 23-24, 2017.

14. Mohd. Najibul Hasan, Waqas Mirza, S. Shakil Afsar, Sirajuddin Ahmad, Anwar A. Khan, **Anwar Khursheed**, Abid Ali Khan. “Decentralized and low-cost system for nutrient removal from primary treated sewage by aquatic weeds”. Proceedings International Symposium on Sustainable Urban Environment (Issue 2017) Department of Environmental Science, Tezpur University, June 23-24, 2017.
15. Priya Chaudhary, Bushra Hasan, Rubia Z. Gaur, S. Suthar, Vinay Kumar Tyagi, Abid Ali Khan, **Anwar Khursheed**, A.A. Kazmi. “Operation and Maintenance of issues with full scale UASB reactors treating Sewage in India”. Proceedings International Symposium on Sustainable Urban Environment (Issue 2017) Department of Environmental Science, Tezpur University, June 23-24, 2017.
16. **Khursheed, A.**, Rubia, Z. Gaur, Sharma Meena, Tyagi, Vinay Kumar, Khan Abid A. Kazmi, Absar Ahmad (2016). Reduced Sludge Growth at High Bulk Liquor DO Induced by Increased Maintenance, Eight International Conference on Environmental Science and Technology, American Academy of Sciences, Houston, Texas, USA, June 6-10, 2016.
17. **Khursheed, A.**, Sharma Meena, Tyagi, Vinay Kumar, Kazmi, Absar Ahmad (2013). It is SOUR Gradient, which is responsible for Sludge Reduction in OSA Process. Ist International IWA Conference on Holistic Sludge Management, Vasteras, Sweden, 6-8 May, 2013.
18. Ahmad Ashfaq, Aatika Saadia and **Anwar Khursheed**, “Role of Biofuels in Global Energy and Climate Change Strategy”, Ist International Conference on “New Frontiers in Biofuels, DTU” ID: 2010/NFIB/008, January 18-19, 2010, New Delhi.
19. **Khursheed, A.**, Ahmed Ashfaq, Faisal Zia Siddiqi, A. A. Kazmi, (2012) Creation of Stoichiometric Benchmark for Sewage Treatment Process - A True Interface between Chemistry and Environment, Presented in International Conference on Interface between Chemistry and Environment (ICICE), DU, Delhi, Dec 13 – 14, 2012.
20. Sharma, Meena, **Khursheed, A.**, Kazmi, A. A. (2013). Evaluation of Maintenance Coefficient Induced by High Bulk Liquor DO for Onsite Excess Sludge Reduction. Poster in International Water Association Conference, New Delhi.
21. Khursheed, A., Sharma, Meena. Kazmi, A. A. (2012). Hydraulics and Performance Appraisal of Modified Septic Tank as An Alternative for The On-Site Wastewater Treatment System. Proceedings of International Congress of Environmental Research (ICER-2012), New Delhi.
22. Tyagi V. K., Bhatia Akanksha, Gaur Rubia Zahid, Khan Abid Ali, Ali Muntajir, **Anwar Khursheed**, Kazmi, Absar Ahmad. “Effect of Mass Bathing on Water Quality of River Ganges and Consequential Health Risks during 2010 *Maha Kumbh* Festival in India” Proceedings of Tenth International Symposium of South East Asian Water Environment, Vol. 10 (Part-I) November 8-10, 2012, National University of Civil Engineering, Hanoi, Vietnam.
23. **Khursheed A.**, Tyagi Vinay Kumar, Khan A.A., Gaur R.Z., Bhatia A., Ali M., Sharma M., Kazmi A.A, Lo S.L. (2011) Operation and Maintenance of Sewerage Systems: Present

- Challenges and Possible Alternatives- An Indian Experience. 8th International Conference on Urban Watershed Management. 6-8th September, 2011, Beijing, China, pp.41.
24. **Khursheed, A.**, Gaur, Rubia Zahid, Bhatia, Akanksha, Khan, Abid Ali, Tyagi, Vinay Kumar, Kazmi, Absar Ahmad (2010) Effects of High Bulk Liquid DO on the Performance of Continuous Fed Sequencing Batch Reactor. Proceedings of International Conference on Emerging Technologies for Sustainable Environment, 29-30 October, A.M.U, Aligarh, pp 749-755.
 25. Tyagi, V. K., Gaur, Rubia Zahid, Bhatia, Akanksha, Khan, Abid Ali, Ali, Muntjeer, **Khursheed, A.**, Kazmi, A.A. (2010) "Effects of Holi (Festival in India) Colors on the Performance of 18 MLD Sewage Treatment System in India". Proceedings of Eighth International Symposium on Southeast Asian Water Environment, October 24-26, Phuket, Thailand.
 26. Tyagi, Vinay Kumar, Bhatia, Akanksha, Gaur, Rubia Zahid, Ali, Muntjeer, Khan, Abid Ali, **Khursheed, A.**, Kazmi, Absar Ahmad and Khan, Anwar Ali (2010). "Effects of Shock Toxic Load on Activated Sludge Process". Proceedings 3rd International Congress of Environmental Research (ICER-2010), 16-18th September 2010, University of Mauritius, Reduit, pp 789,
 27. **Khursheed, A.**, Khan, A. A., Tyagi, V. K., Kazmi, A. A. (2009) "A Study on organics, nutrients, coliforms removal and sludge reduction in continuous flow and intermittently decant sequencing batch reactor". Proceedings of First International Conference on Advances in Wastewater Treatment and Reuse (AWTR-2009), 10 - 12 November, University of Tehran, Iran, pp- 325.
 28. Ali M., **Khursheed A.**, Kazmi A.A, Rotary Drum Composting of Herbal Industry Waste Seminar on Environmental issues pertaining to Pharmaceutical Industry, Ministry of Chem. & Fertilizers, New Delhi, 12th Feb 2009.
 29. **Khursheed, A.**, Khan, A.A., Tyagi, V.K., Kazmi, A.A. (2009) Coliforms, organics, nutrients removal and sludge reduction in continuous flow sequencing batch reactor. Proceedings Seventh International Symposium of South East Asian Water Environment, October 28-30, AIT, Bangkok, Thailand.
 30. Tyagi, V.K., Khan, A.A., **Khursheed, A.**, Kazmi, A.A. (2008) Feasibility of Continuously flow Sequencing Batch Reactor Treating Municipal Wastewater. Proceedings 3rd Uttarakhand Science & Technology Congress, Nov. 10-11-2008, IIT Roorkee pp 184.
 31. Tyagi, V.K., Khan, A.A. **Khursheed, A.**, Kazmi, A.A, Mehrotra, Indu (2008) Operation of UASB reactor for sewage treatment under reduced sludge synthesis. Proceedings National Symposium of Water Resources in India: Concerns, Conservation and Management (1-3 November 2008) Srinagar, J&K. pp. 60.

Published Articles:

1. The Minority Right of AMU entangled in judicial bias supported by communal politics, Countercurrent, 16.10.2020, <https://countercurrents.org/2020/10/the-minority-right-of-amu-entangled-in-judicial-bias-supported-by-communal-politics/>.
2. A new environmental world order awaits post Covid-19 (Corona) era, TwoCircle, <http://twocircles.net/2020apr16/436021.html>
3. Sir Syed Ahmad Khan's Legacy Goes Beyond Securing Minority Rights, The Quint, 17.10.2019, <https://www.thequint.com/voices/opinion/muslim-rights-sir-syed-ahmad-khan-constitution-of-india-amu>
4. Retrospective of Evolution of Legislative and Minority Rights in India – The Origin Exists in Sir Sayed's Ideology, October 16, 2019, Countercurrents.org, <https://countercurrents.org/2019/10/retrospective-of-evolution-of-legislative-and-minority-rights-in-india-the-origin-exists-in-sir-sayed-ideology>
5. Sir Sayed Ahmad Khan aur Aqalliyaton ke huqooq, Rashtriya Sahara, October 17, 2019. <http://www.roznamesahara.com/epapermain.aspx?queryed=9&eddate=10%2f17%2f2019>
6. Institutional Extortion by Centre Government – Greatest threat to India's federal structure, 12 April, 2019 <https://countercurrents.org/2019/04/12/institutionalise-extortion-by-centre-government-greatest-threat-to-indias-federal-structure/>
7. BJP in power is always favourable to Pakistan and vice-versa, Countercurrents, 19 March, 2019, <https://countercurrents.org/2019/03/19/bjp-in-power-is-always-favourable-to-pakistan-and-vice-versa/>
8. Research That's A Blessing And Research That's A Threat, Countercurrents, 201516, 02 May, 2016, <http://www.countercurrents.org/khursheed020516.htm>
9. New Education Policy 2016: Same Pizza With A Few Saffron Toppings? <http://www.countercurrents.org/2016/08/01/new-education-policy-2016-same-pizza-with-a-few-saffron-toppings/>
10. AMU Centres: Present And - Past Tense, Countercurrents, 50316, 05 March, 2016, <http://www.countercurrents.org/khursheed050316.htm>
11. Why does the Modi Sarkar want to stymie AMU's Off Campus Centres? Sabrang, March 14, 2016, <https://sabrangindia.in/content-authors/dr-anwar-khursheed>
12. AMU Minority Issues, AMUNetwork, January 2016, <http://www.amunetwork.com/2016/01/amu-minority-issue-must-read-anwar.html>
13. Anwar Khursheed, (2016) Effective Water Management by Environmental Engineering - Best Solution to Water Crisis, Face-to-Face, Radiance Viewsweekly Vol. LIV No.6, 25-29, 8-14 May 2016, <http://radianceweekly.in/portal/issue/article/effective-water-management-by-environmental-engineering-the-best-solution-to-water-crisis/>

14. Short/Long Term Strategy with Effective Implementation Only Answer to Smog Surrounding Cities, Face-to-Face, Radiance Views weekly Issue 34, 18-20, 19-25 Nov 2017.
15. What does M in AMU stand for? Hindustan Times Daily, New Delhi, Jan 19, 2016.
16. AMU A Minority Institution – Facts and Remedies, AMU Watch, Vol 2 No.1 Jan 2006.
17. Crown is ready, King is needed, AMU Watch, Vol 2 No.2 December 2006.
18. Handle with Care, AMU Watch, Vol. 3 No.1 July 2007.

Participation as Expert; Chair; Key-note Speaker; Resource person

1. Keynote address (invited talk) on “Novel Application of Conductive Materials for Direct Interspecies Electron Transfer DIET) for Enhance Bio sludge Methanogenesis” the 3rd International Conference on Sustainable Experimentation and Modelling in Civil Engineering (SEMCE-2025) at the School of Civil Engineering, Lovely Professional University, Phagwara, Punjab (India) November 14 - 15, 2025.
2. Chair of Panel Discussion on “PROMOTING INDUSTRY-ACADEMIA COLLABORATION IN INDIA AND KSA”; on National Education Day of India on Thursday, 13 November 2025, at the Embassy of India Auditorium, Diplomatic Quarter, Riyadh, Saudi Arabia.
3. Keynote address (invited talk) on “Data Challenges and Opportunities in Wastewater Management” 5th International Forum on Asian Water Environment Technology (IFAWET-5), jointly organized by the University of Tokyo (Japan), UPES Dehradun (India), IIT Roorkee (India), NIH Roorkee (India), and Tecnológico de Monterrey (Mexico), August 6-8, 2025.
4. Expert lectures on Eco Management-Key to Sustainable Development. Refresher Course in Environmental Studies, UGC HRD Centre, AMU, Aligarh, September 18, 2024.
5. Expert lectures on Water Management Refresher Course in Environmental Studies, CALEM, at AMU, Aligarh, from KSU, Saudi Arabia, August 18-25, 2023.
6. Webinar on “Water woes – press the panic Button Refresher Course in Environmental Studies, CALEM, at AMU, Aligarh, from KSU, Saudi Arabia, September 29-30, 2022.
7. AICTE Training and Learning Faculty Development Program; Waste Management: Challenges and Opportunities. Key Note Address - Advancement in Anaerobic Wastewater Treatment – Retrospective -Enhance Methanogenesis via Conductive Materials Direct Interspecies Electron Transfer (DIET), Department of Civil engineering, Z. H. College of Engineering & Technology, Aligarh Muslim University, Aligarh, 24th to 28th February. 2021
8. Webinar on “It would be Water next....”, Refresher Course in Environmental Studies, UGC Human Resource Development Centre, at AMU, Aligarh, from KSU, Saudi Arabia, September 04, 2020.

9. Principles of Municipal Wastewater Treatment for BOD and Enhanced Biological Nutrients Removal, CPCB Sponsored Training Programme, TERI, New Delhi, June 11, 2019.
10. Environmental Rights a part of Human Rights Charter, Refresher Course in Human Rights, UGC Human Resource Development Centre, AMU, Aligarh, June 12, 2019.
11. Why Enhanced Nutrient Removal is essential with BOD Removal from Municipal Wastewater to achieve comprehensive Treatment? Training on New Trends in Wastewater Treatment and Reuse (NTWT-2019). Department of Chemical Engineering, MNNIT, Allahabad, India, March 16, 2019.
12. Prerequisites of Municipal Wastewater Treatment for BOD and Enhanced Biological Nutrients Removal, Vellore Institute of Technology, VIT, Chennai, Feb., 2019.
13. Climate Change & Water, Climate Change Colloquium Workshop, Wings of Desire NGO, Frank & Debbie Management Complex, AMU Aligarh, February, 2019.
14. Refresher Course in Environmental Studies- Water Woes – Press the Panic Button, Centre for Academic Leadership and Education Management (CALEM), AMU, Aligarh. February, 2019.
15. Environment and Human Rights: Linkages to Environmental Sustainability, Refresher Course in Human Rights, UGC Human Resource Development Centre, AMU, Aligarh. September, 2018
16. Lead Presentation – Prathvi, Jal, Vayu, Aakaash – 5 Elements of sustainability, Jal, Jungle, Zameen, programme on Environment by All India Radio & TV, Agra. July 2018.
17. Key note address - Environmental Protection - the Platform to Sustained Economic Development, Environment Day Programme, Aligarh, June 2018
18. Faculty Development Programme Key Note Address - Sustain Development in making Smart Cities, Hindustan College of Engineering & Technology, Sharda University, Mathura, June 2018.
19. Refresher Course in Environmental Studies- Environmental Impact Assessment (EIA) – Platform to Sustain Economic Development, UGC Academic Staff College, AMU, Aligarh. December, 2017.
20. Invited Lecture on WASH Coverage in Higher Education- where we stand? Water Sanitation and Hygiene Curriculum Development Workshop, TERI University, 10 Institutional Area, Vasant Kunj, New Delhi, India. June 21 -23, 2017.
21. Expert Lecture on Prerequisites of Municipal Wastewater Treatment for BOD and Enhanced Biological Nutrients Removal, FDP on Environmental Pollution: Monitoring and Control, Delhi Technological University, DTU, Delhi. 27th October 2016.
22. Expert Lecture on Municipal Wastewater Treatment for BOD and Nutrients Removal, TERI, New Delhi. 27th October 2016.
23. Refresher Course in Environmental Studies- Fresh Water Quality, UGC Academic Staff College, AMU, Aligarh. September, 2016.
24. Strict dependent on C/N, C/P and rbCOD/sbCOD ratio for Enhanced Biological Nutrient Removal during Sewage Treatment, Key note address in National Seminar on R & D Perspective for Rejuvenation of River Ganga, IIT Roorkee & NIH, Roorkee. Dec 16 & 17, 2015.

25. “Water Woes – Press the Panic Button” ASCE Workshop Keynote Presentation, Civil Engineering Department, AMU, Aligarh, September 02, 2015.
26. Refresher Course in Environmental Studies- Wastewater Management, UGC Academic Staff College, AMU, Aligarh. July, 2015.
27. Workshop on “Environmental concerns and Commerce - Shaping the Professions and Professionals towards Green Commerce”, Department of Commerce, Aligarh Muslim University in partnership with IIM Kashipur, 24th - 28th, February, 2015.
28. Workshop on UASB post treatment- Department of Civil Engineering IIT Roorkee April 2015
29. Guest Speaker to inaugurate our Technical Civil Engineering Group "SENSUS & Invited Lecture on Water Quality in reference to Wastewater Management, Mahatma Gandhi Mission College of Engineering & Technology, Noida", Oct 29, 2014
30. Refresher Course, UGC Academic Staff College, AMU, Aligarh. Aug, 2014.
31. Refresher Course, UGC Academic Staff College, AMU, Aligarh. May 17-28, 2013.
32. Refresher Course, UGC Academic Staff College, AMU, Aligarh. May 17 - 28, 2013.
33. Refresher Course, UGC Academic Staff College, AMU, Aligarh. May 9 - 24, 2011.
34. JICA & MoEF Sponsored Workshop on Operation and Maintenance of Sewerage Works. IIT Roorkee organized at India Habitat Centre, New Delhi. February 4th, 2011.
35. CPCB Sponsored Course on Design, Operation & Maintenance of STP, Department of Civil Engineering, Z.H. College of Engineering & Technology, AMU, Aligarh. Feb 2011.
36. Course on Advance Water & Wastewater Treatment Technologies, IIT Roorkee, March 2010.
37. JAICA Sponsored Training Course on O&M of Sewage Treatment Plants, 22 – 26th Feb, 2010
38. JAICA Sponsored Training Course on O&M of Sewage Treatment Plants, 1– 5th Feb, 2010
39. Short Term Course on Analysis of Water & Wastewater, CPCB–CEC, IIT Roorkee, Dec 2009.
40. Wastewater Reclamation Processes for Refineries, SAMREF, Yanbu, Saudi Arabia, 1999.
41. Training Programme on Reverse Osmosis & Pre-treatment Systems for SADAF (ARAMCO) Refinery Engineering Staff, Saudi Arabia, 1998.
42. Anaerobic Wastewater Treatment, CPHEEO, Ministry of Urban Development, 1994.
43. Training on UASB Domestic Wastewater Treatment, Indo-Dutch Environment Cooperation Programme, Under Ganga Action Plan, Kanpur, 1992.
44. Anaerobic Wastewater Treatment, CPHEEO, Ministry of Urban Development, 1991.

Participation in Seminars, Conferences, Workshops & Refresher Courses as Resource person

1. Role of Alumni in academia, Sir Sayed Day, Manam, Bahrain as Guest of Honour, November, 11, 2021.
2. Relevance of Sir Sayed in present day social crisis, Sir Sayed Day, Dammam Saudi Arabia as Guest of Honour, December, 14, 2020.

3. Prof. Iqbal Ansari Memorial Lecture on Minority Rights Day, AMU Students Union, December 18, 2018.
4. **Award of Excellence during Community Engagement Roundtable**, US Department of Homeland Security Office for Civil Rights and Civil Liberties (DHS CRCL) Chicago October 26, 2017, 3001 W. Peterson Ave, Chicago IL 60659, USA.
5. Orientation Workshop on Outcome Based Education and Accreditation for Programme Evaluators (PEVs), 28th May, 2018 at Juniper Hall, India Habitat Center, New Delhi.
6. “Building for the Future” Seminar on Community Development, and 17th Annual Fundraising Event by ZAM’s Hope, Sunday, October 22, 2017, Shalimar Banquets, [280 W. North Ave., Addison](#), Chicago, [IL 60101](#), USA.
7. International Seminar Sir Sayed’s Reforms: Contemporary Relevance, ISSRAR 17, AMU Alumni Forum, Dubai, October 19, 2017.
8. International Workshop on UASB-DHS Integrated Technology – A sustainable sewage treatment technology, Tohuko University, Japan, New Delhi, 16-17 October, 2014.
9. APJC Collaboration Connect International Summit Conference – CISCO, Sheraton Hotel, Cotai Central, Macau, 26-28 May 2014.
10. An Integrated Water Management for Ganga Basin: A Workshop on Collaboration Avenues, National Mission for Clean Ganga Ministry of Environment and Forests, Government of India, India- Canada IC-IMPACTS Centres of Excellence, 10– 12 February 2014.
11. Japan-India Workshop on UASB-DHS Integrated Technology (Experiences of Karnal DHS Project), SCOPE Convention Centre, New Delhi, 28th Jan, 2011.
12. International Conference on Emerging Technologies for Sustainable Environment, 29-30 October 2010, A.M.U, Aligarh.
13. Short Term Course on Aggregate Organics, CPCB – CEC, IIT Roorkee, Dec 2009.
14. Seminar on Environmental issues pertaining to Pharmaceutical Industry, Ministry of Chem. & Fertilizers, New Delhi, 12th Feb 2009.
15. National Symposium on Water Resources in India, Srinagar, J&K, 1 -3 November 2008.
16. USCOST Science & Technology Congress, November 2008.
17. Course on “Environmental Studies”, UGC Academic Staff College, AMU, Aligarh, 2002
18. Course on “Advances in Civil & Arch. Engg”, Academic Staff College, AMU, Aligarh, 2001
19. Network Program on Air Pollution, MoEF and NEERI, Nagpur, Dec- Jan 1991.
20. Short term Course on Anaerobic Wastewater Treatment, CPHEEO, Ministry of Urban Development, 1994
21. Training on UASB Domestic Wastewater Treatment, Under Indo-Dutch Environment Cooperation Programme, MoEF, under Ganga Action Plan, Kanpur 1992.
22. Short term Course on Anaerobic Wastewater Treatment, CPHEEO, Ministry of Urban Development, 1991
23. Workshop on Alluvial Channels, UGC Sponsored, AMU, Aligarh 1985.

Reviewer of Major Journals

1. Water Research **Impact Factor 9.3** Elsevier.
2. Journal of Hazardous Materials **Impact Factor 4.7** Elsevier.
3. Journal of Environmental Management **Impact Factor 3.5** Elsevier.
4. Environmental Technology **Impact Factor 2.2** Taylor & Francis Group.
5. Water Science and Technology **Impact Factor 1.64** IWA Publishing, UK.
6. Chemical Engineering Journal **Impact Factor 10.54** Elsevier.
7. Journal of the Taiwan Institute of Chemical Engineers **Impact Factor 4.8** Elsevier.
8. African Journal of Environmental Science and Technology, **H5 Index: 8.0** AJEST Nairobi.
9. Journal of King Saud University: Engineering Sciences Elsevier.
10. Journal of Geography and Regional Planning **H5 Index: 8.0** HJGRP.
11. Desalination and Water Treatment **Impact Factor 1.32** Taylor & Francis Group.
12. Environmental Engineering and Management Journal **Impact Factor 1.2** OMIKRON
13. Journal of Environmental technology & Innovation **Impact Factor 3.4** Elsevier.

Projects, Dissertations & PhD Guidance: Seventy (72)

Major Consulting & Design Projects: Forty-eight (48)

1. Campus Network on 10 Gigabyte OFC backbone spanning more than 150 departments/units under phase IV (2014) (Project cost Rs. 72.6 Million)
2. Campus wise Wi-Fi Network on 10 Gigabyte OFC backbone under phase V (2014) (Project cost Rs. 224.5 Million)
3. Construction of 2100 Girls hostel (2015-2017) (Project cost Rs. 820 Million)
4. Construction of ABK Union School extension (2015-2016) (Project cost Rs. 820 Million)
5. Construction of Zainul Abedin Road (2015-2016) (Project cost Rs. 50 Million)
6. Construction of Swimming Pool Complex (2015-2016) (Project cost Rs. 122.5 Million)
7. Renovation of Strachey Hall the first Building of MAO College build in 1877. Aligarh Muslim University Gazette, vol. 53, no. 12, October 2016.
8. Design, restoration and upgradation of 6 MLD Sewage Treatment Plant of AMU Campus, Aligarh. India. 2016.

Participation in Corporate Life:

Member Accreditation Committee for Graduate Studies, CED, KSU, Riyadh, 2023-2024

Member Statistics, Information and Alumni Committee, CED, KSU, Riyadh, 2023-2024

Member Quality and Development Committee, CED, KSU, Riyadh, 2023-2024

Member Council, KSU, Riyadh, Saudi Arabia, 2019 – till date.

Coordinator AMU Centres, (Off Campuses at Malappuram, Kerala, Murshidabad, WB & Kishenganj, Bihar

Vice-Chairman AMU Alumni Committee, AMU, Aligarh. 2018- 2019

Life Member, Indian Society for Technical Education (ISTE).

Visiting Expert National Board of Accreditation (NBA)

Member UPPSC Interview Selection Boards.

Coordinator Foreign & NRI Students' Admission, AMU Aligarh 2018.

University Engineer, February 14, 2015 – Feb 2017.

Invited Member, Finance Committee, AMU, Aligarh, 2015 – 2017.

Member, Building Committee, AMU, Aligarh, 2015 – 2017.

Member, Campus Master Plan Committee, AMU, Aligarh, 2016 – 2017.

Principal, FCI, Aligarh. 2014 – 2015.

Director, Computer Centre. 2013 – 2014.

In charge, Civil Engineering Section. 2013 – 2015.

Coordinator School Admissions. 2014.

Member, Academic Council, AMU, Aligarh, 2013 – 2014.

Member Admission Reform Committee, AMU, Aligarh, 2014.

Member Committee on Policy for Faculty Induction, AMU, Aligarh, 2014.

Convenor, Central Purchase Committee for Computers, AMU, Aligarh, 2013 – 2014.

Member AMU Web Committee for www.amu.ac.in, AMU, Aligarh, 2013 – 2014.

Member, Executive Council, AMU, Aligarh, 2003 – 2006.

Member University Court, AMU, Aligarh, 2002 – 2005.

Member Grievance Committee, AMU, Aligarh, 2003 – 2006.

Member Committee for Pensionary benefits, AMU, Aligarh, 2003 – 2006.

Member Faculty of Engineering, AMU, Aligarh, 2002 – 2005.

Coordinator, Environmental Engineering Course, 2000 – 2006.

Member Selection Committees for Asstt. /Assoc. Professors, Teachers, Non-Academic Staff.



(Anwar Khursheed)