

Dr. Azeem Intisar

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OBJECTIVE

To best serve my institution by effectively utilizing skills and expertise in research and education in a stable environment to make positive contribution to science and humanity.

ACADEMIC QUALIFICATIONS

Degree	Subject	Division	Institution
DSc	Analytical Chemistry	NA	East China University of Science & Technology, Shanghai, China.
MS	Chemistry	I st	University of The Punjab, Lahore
BS	Chemistry	I st	University of The Punjab, Lahore
FSc	Pre-Medical	I st	F.G Degree College, Lahore
Matric	Science	I st	P.R High School, Lahore

RESEARCH PUBLICATIONS WITH RECENT IF

1. Rabiah Amal, Ruba Nadeem, Azeem Intisar, Hifza Rouf, Dilawar Hussain, and Rehana Kousar. "An insight into the catalytic properties and process optimization of Fe, Ni doped eggshell derived CaO for a green biodiesel synthesis from waste chicken fat." *Catalysis Communications* (2024): 106848. **IF = 3.7**
2. Azeem Intisar, Arooj Ramzan, Shahzar Hafeez, Nazim Hussain, Muhammad Irfan, Nasir Shakeel, Komal Aziz Gill, Amjad Iqbal, Marcin Janczarek, and Teofil Jesionowski. "Adsorptive and photocatalytic degradation potential of porous polymeric materials for removal of pesticides, pharmaceuticals, and dyes-based emerging contaminants from water." *Chemosphere* (2023): 139203. **IF = 8.8**
3. Naima Saif, Ayesha Tariq, **Azeem Intisar**, Zahida Batool, Muhammad Arshad, Aziz ur Rehman, and Rehana Kousar. "Green synthesis of SnO₂ nanorods and Mo–SnO₂ nanocomposite for efficient sunlight driven organic dye photodegradation in aqueous solution." *Materials Chemistry and Physics* (2023): 127920. **IF = 4.6**

4. Muhammad Zeeshan Ahmed, Sadaf Mutahir, Azeem Intisar, Nawshad Muhammad, Zeeshan Mutahir. Probe Sonicated Cotton Cellulose Fibers Treated with Bone Conditioned Medium for Optimum Cell Growth and Mineralization. *Cellulose*. Accepted. **IF = 5.7**
5. Shafaq Anwar, Anam Saleem, Ayesha Razzaq, Muhammad Adnan Nasir, Abrar Hussain, Muhammad Rizwan Tariq, Shinawar Waseem Ali, **Azeem Intisar**, Waseem Safdar, Zujaja Umer, Zunaira Basharat, Umair Ali, Huzaifa Mehmood, Shahid Masood. Nutritional probing and storage stability of papaya jam supplemented with date pit powder." *Heliyon* (2023): 9(5), e15912. **IF = 4.0**
6. **Azeem Intisar**, Arooj Ramzan, Tehzeeb Sawaira, Amatul Kareem, Nazim Hussain, Muhammad Imran Din, Muhammad Bilal, and Hafiz MN Iqbal. Occurrence, toxic effects, and mitigation of pesticides as emerging environmental pollutants using robust nanomaterials–A review. *Chemosphere* (2022): 133538. **IF = 8.8**
7. Irshad Hussain, Nadeem Muhammad, Qamar Subhani, Dan Shou, Micong Jin, Liu Yu, Gan Lu, Xu Wen, **Azeem Intisar***, and Zhu Yan. A review on structural aspects and applications of PAMAM dendrimers in analytical chemistry: Frontiers from separation sciences to chemical sensor technologies. *TrAC Trends in Analytical Chemistry* (2022): 116810. **IF = 14.9**
8. Aqsa Riaz, Muhammad Saeed, Mamoona Munir, **Azeem Intisar***, Sabah Haider, Shahzaib Tariq, Nazim Hussain, Rehana Kousar, and Muhammad Bilal. "Development of reduced graphene oxide-supported novel hybrid nanomaterials (Bi₂WO₆@ rGO and Cu-WO₄@ rGO) for green and efficient oxidative desulfurization of model fuel oil for environmental depollution." *Environmental Research* (2022): 113160. **IF = 8.4**
9. Muhammad Saeed, Aqsa Riaz, **Azeem Intisar**, Mazhar Iqbal Zafar, Humaria Fatima, Haidar Howari, Aiyeshah Alhodaib, and Amir Waseem. "Synthesis, characterization and application of organoclays for adsorptive desulfurization of fuel oil." *Scientific Reports* 12, no. 1 (2022): 1-12. **IF = 4.9**
10. Muhammad Nadeem, Irshad Hussian, Amjad Ali, Tajamal Hussain, **Azeem Intisar***, Iftikhar Ul Haq, Qamar Subhani et al. "A comprehensive review of liquid chromatography hyphenated to post-column photoinduced fluorescence detection system for determination of analytes." *Arabian Journal of Chemistry* (2022): 104091. **IF = 6.2**
11. Muhammad Saeed, Mamoona Munir, **Azeem Intisar**, and Amir Waseem. "Facile synthesis of a novel Ni-WO₃@ g-C₃N₄ nanocomposite for efficient oxidative desulfurization of both model and real fuel." *ACS omega* (2022). **IF = 4.13**
12. Muhammad Nadeem Akhtar, Murad A. AlDamen, M. Shahid, M. Shahwaz Ahmad, Muhammad Khalid, **Azeem Intisar**, and Muhammad Usman Khan. "Heterometallic

- Decanuclear [Fe₆-Ln₄] Coordination Clusters with Enzymatic Mimic Activity: Synthesis, Structures, Magnetic Properties and Evaluation of Catecholase Activity." *Applied Organometallic Chemistry* (2022): e6707. **IF = 4.10**
13. Areej Shahbaz, Nazim Hussain, **Azeem Intisar**, Muhammad Bilal, and Hafiz Iqbal. "Immobilized Enzymes-Based Biosensing Cues for Strengthening Biocatalysis and Biorecognition." *Catalysis Letters* (2021): 1-13. **IF = 3.18**
 14. Zeeshan, Muhammad, Nadeem Muhammad, **Azeem Intisar***, Aqsa Aamir, Uzma Qaisar, Muhammad Yaseen, Nazim Hussain, and Muhammad Bilal. "Volatile chemical profiling and potent antibacterial activity of senna occidentalis stem oil against various pathogens." *Chemical Papers* 76, (2022): 7235-7243. **IF = 2.0**
 15. Tajamal Hussain, Farrukh Bashir, Adnan Mujahid, **Azeem Intisar**, Mirza Nadeem Ahmad, Muhammad Aamir Raza, Muhammad Imran Din, Uzma Jabeen, Ayesha Mushtaq, and Huma Tareen. "Highly Stable APTES Incorporated CNTs Based Ternary Polymer Composites with Improved Dielectric and Thermal Properties." *Silicon* (2022) **14**, 10807–10816 **IF = 2.1**
 16. Shahzaib Tariq, Muhammad Saeed, Usman Zahid, Maimoona Munir, **Azeem Intisar**, Muhammad Asad Riaz, Aqsa Riaz, Muhammad Waqas, and Hafiz Muhammad Waqar Abid. "Green and eco-friendly adsorption of dyes with organoclay: isothermal, kinetic and thermodynamic studies." *Toxin Reviews* (2022) 41, 1105-1114 **IF = 3.16**
 17. Shahbaz Ahmad, Rabia Zafar, Iqra Haider Khan, Arshad Javaid, and **Azeem Intisar**. "Assessment of Toxicity of Parthenium hysterophorus L. Extract against Larvae of Trogoderma granarium." *Plant Protection*. 2022, 6(3): 239-245.
 18. Halima Tahir, Nadeem Muhammad, **Azeem Intisar***, Muhammad Imran Din, Uzma Qaisar, Muhammad Abdul Qadir, Noor Ul Ain et al. "Essential oil composition and antibacterial activity of Canarium strictum Roxb. resin." *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*. 2021, 155 (6): 1198-1202 **IF: 2.0**
 19. Pakeeza Aziz, Nadeem Muhammad, **Azeem Intisar***, Muhammad Amin Abid, Muhammad Imran Din, Muhammad Yaseen, Rehana Kousar, Aqsa Aamir, Quratulain, and Rabia Ejaz. "Constituents and antibacterial activity of leaf essential oil of Plectranthus scutellarioides." *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*. 2021, 155 (6): 1247-1252 **IF: 2.0**
 20. Muhammad Amin Abid, Shabbir Hussain, **Azeem Intisar***, Muhammad Rizwan, Quratulain, Zeeshan Mutahir, Muhammad Yar, Aqsa Aamir, Ahmad Kaleem Qureshi, Muhammad Jamil. Synthesis, Characterization, Hydrolytic Degradation, Mathematical Modeling and Antibacterial Activity of Poly[bis((methoxyethoxy)ethoxy)phosphazene] (MEEP)". *Polymer Bulletin*. 2021, 78(10), 6059-6072. **IF: 2.84**

21. Nadeem Muhammad, Muhammad Zia-ul-Haq, Amjad Ali, Dongxue Han, **Azeem Intisar**, Hairong Cui, Yan Zhu, Jia-Lun Zhong, Abdul Rahman, Binnian Wei. Ion chromatography coupled with fluorescence/UV detector: A comprehensive review of its applications in pesticides and pharmaceutical drug analysis. *Arabian Journal of Chemistry*. 2021, 14: 102972 **IF: 6.2**
22. Mamoon Shaheen, Nazar Hussain Kalwar, **Azeem Intisar**, Zahida Batool, Saba Rasheed, and Rehana Kousar. "Efficient surfactant modified copper oxide nanoparticles for solar light driven water purification." *Optical Materials*. 2021, 122, 111688. **IF: 3.75**
23. Saba Rasheed, Zahida Batool, **Azeem Intisar**, Sara Riaz, Mamoon Shaheen, Rehana Kousar. Enhanced photodegradation activity of Cuprous oxide nanoparticles towards Congo red for water purification. *Desalination and Water Treatment*. 2021, 227: 330-337 **IF: 1.23**
24. M. I. Din, Z. Ali, Z. Hussain, R. Khalid, A. Sharif, **A. Intisar**, E. Ahmed, S. Ameen, M. Arshad. Fabrication of ZnO/Mg nanoparticles for catalytic pyrolysis of Phoenix dactylifera seeds biomass. *Digest Journal of Nanomaterials and Biostructures*. 2021, 16: 1157 – 1162. **IF: 0.89**
25. A. Amanat, Z. Hussain, M. Imran Din*, A. Sharif, A. Mujahid, **A. Intisar**, E. Ahmed, R. Khalid, M. Arshad. Catalytic pyrolysis of Sweet Sorghum plant by using fixed-bed reactor; Effect of different temperatures on the pyrolytic bio-oil yield and FT-IR characterization. *Journal of Optoelectronic and Biomedical Materials*. 2021, 13: 137-144. **ISI Publication**
26. M. I. Din, S. Rehman, Z. Hussain, A. Intisar, E. Ahmed, A. Sharif, T. Hussain, R. Khalid, S. Ameen, M. Arshad. Eco friendly synthesis of nickel oxide nanoparticles and its application on pyrolysis of Calotropis procera (AKH) Plant roots. *Journal of Optoelectronic and Biomedical Materials*. 2021, 13: 119 – 125. **ISI Publication**
27. Shehar Bano, **Azeem Intisar***, Mahd Rauf, Abdul Ghaffar, Farhat Yasmeen, Waheed-uz-Zaman, Uzma Intisar, Gulnaz Kausar, Nadeem Muhammad, Aqsa Aamir. Comparative analysis of volatile composition and antibacterial activity of aerial parts of Terminalia arjuna (Roxb.). *Natural Product Research*. (2020): 34(9), 1311-1314. **IF: 2.48**
28. Muhammad Imran Din, Rida Khalid, Zaib Hussain, Jawayria Najeeb, Ahsan Sahrif, **Azeem Intisar**, and Ejaz Ahmed. "Critical review on the chemical reduction of nitroaniline." *RSC Advances*. (2020): 10(32), 19041-19058. **IF: 4.0**
29. M. Amin Abid, **Azeem Intisar**, Habib Hussain, Zulfiqar Ali, Asma Naz, Shabbir Hussain, Tanzeela G. Shahzady, and Muhammad Waqas. "Synthesis, Characterization, Hydrolytic Degradation and Mathematical Modeling of Poly [bis

- (2 (2-methoxyethoxyethoxy diethylamino) phosphazene]." *Arabian Journal for Science and Engineering*. 2020 45(1): 241-247. **IF: 2.33**
30. Muhammad Nadeem, Yun Zhang, Qamar Subhani, **Azeem Intisar**, Ye Mingli, Hairong Cui, and Yan Zhu. "Comparative steam distillation based digestion of complex inorganic copper concentrates samples followed by ion chromatographic determination of halogens." *Microchemical Journal*. (2020): 158, 105176. **IF: 5.3**
 31. Muhammad Imran Din, Amna Ghulam Nabi, Zaib Hussain, Muhammad Arshad, **Azeem Intisar**, Ahsan Sharif, Ejaz Ahmad, Hafiz Arslan Mehmood, Muhammad Latif Mirza. Innovative seizure of metal/metal oxide nanoparticles in water purification: a critical review of potential risks. *Critical Reviews in Analytical Chemistry*. 2019 49(6):534-541. **IF: 5.68**
 32. Muhammad, Nadeem, Yun Zhang, Muhammad Asif, Muhammad Farooq Saleem Khan, **Azeem Intisar**, Ye Mingli, Qamar Subhani, Hairong Cui, and Yan Zhu. Feasibility of pyrohydrolysis and extended-steam distillation method for the extraction of two halides from zinc and lead concentrate samples followed by ion chromatography analysis. *Microchemical Journal* 159 (2020): 105593. **IF: 5.3**
 33. Muhammad Yaseen, Muhammad A. Rashid, Muhammad A. Iqbal, Zahid Farooq, Muhammad Idrees, Muhammad A. Qayyum, **Azeem Intisar**, Mian HR Mahmood, Ibrahim Khan, and Muhammad Latif. "Synthesis, photoinduced, amination and topological indices of novel porphyrin dyads." *Journal of Porphyrins and Phthalocyanines* (2020): (8), 1054-1065. **IF: 1.91**
 34. Farah Kausar, **Azeem Intisar***, Muhammad Imran Din, Aqsa Aamir, Tajamal Hussain, Pakeeza Aziz, Zeeshan Mutahir, Sahiba Fareed, Baria Samreen, and Kashaf Sadaqat. "The Volatile Composition and Antibacterial Activity of Leaves of *Chorisia Speciosa*." *Journal of the Mexican Chemical Society* (2020): 64(4), 4341-350. **IF: 0.86**
 35. Muhammad, Nadeem, Dandan Guo, Yun Zhang, **Azeem Intisar**, Qamar Subhani, Muhammad Abdul Qadir, and Hairong Cui. "Online clean-up setup for the determination of non-fluorescent acidic pharmaceutical drugs in complex biological samples." *Journal of Chromatography B* 1125-1126 (2019): 121708. **IF: 3.3**
 36. Muhammad N, Lao L, **Intisar A**, Cui H, Zhu Y. Simultaneous Determination of Fluoride and Chloride in Iron Ore by Steam Distillation Followed by Ion Chromatography. *Chromatographia*. 2019. 82(12):1839-1844. **IF: 2.2**
 37. Rahat Noreen, **Azeem Intisar***, Abdul Ghaffar, Farkhanda Jabeen, Muhammad Amin Abid, Muhammad Imran Din, Muhammad Irfan, Faiza Faiz, and Tayyaba Sattar. Constituents of Volatile Oil from Bark of *Clerodendrum serratum* (L.) and its Antibacterial Activity. *Journal of Essential Oil Bearing Plants* (2018): 21(1) 198-205. **IF: 1.97**

38. Muhammad Imran Din, Sania Ashraf, **Azeem Intisar**. Comparative study of different activation treatments for the preparation of activated carbon: a mini-review. *Science Progress*. (2017). 100(3), 299-312. **IF: 1.51**
39. Muhammad Imran Din, Faisal Ali, **Azeem Intisar***. Metal Based Drugs and Chelating Agents as Therapeutic Agents and Their Antimicrobial Activity. *Revue Roumaine de Chimie*. (2019): 64(1), 5-17. **IF: 0.45**
40. J. Boima Kiazolu, **Azeem Intisar**, Lingyi Zhang, Yun Wang, Runsheng Zhang, Zhongping Wu, Weibing Zhang. Qualitative Phytochemical Screening and chemical variability in aerial parts of *Morinda morindoides*. *Natural Product Research*. 2016. 30(19), 2249-2252. **IF: 2.4**
41. M. Imran Din, Zaib Hussain, Hifza Munir, Amber Naz, **Azeem Intisar**, M. Nouman Makshoof, and M. Latif Mirza. "Microwave Treated *Salvadora oleoides* as an Eco-friendly Biosorbent for the Removal of Toxic Methyl Violet Dye from Aqueous Solution—A Green Approach." *International journal of phytoremediation*. (2016). 18(5): 477-486 **IF: 4.0**
42. Muhammad Sher, Ejaz Ahmed, Tasneem Kausar, Nadia Riaz, Muhammad Arshad, Ahsan Sharif, **Azeem Intisar**, Javed Akhtar, Muhammad Aamir. Acid Catalyzed Solvent Free Synthesis of New 1-Acyl-4-benzhydryl Substituted Pyrazoles. *Journal of the chemical society of Pakistan*. (2016). 38: (16), 1211-1217. **IF: 0.69**
43. Muhammad Rouf Alvi, Muhammad Imran Abdullah, Munawar Ali Munawar, Sajid Iqbal and **Azeem Intisar**. Structure, Stability, and Aromaticity of 2,4,6,1,3,5-Trisilatriphosphenobenzene versus 2,4,6-Trisilatriazine: A Quantum Chemical Approach. *Computational and Theoretical Chemistry*. (2015), 1065: 18-26. **IF: 2.29**
44. J. Boima Kiazolu, Lingyi Zhang, **Azeem Intisar**, Yun Wang, Runsheng Zhang, Zhongping Wu, Weibing Zhang. RP-HPLC Separation and Statistical Data Processing of Different Batches of Aerial Parts of Jologbo. *Journal of Liquid Chromatography and Related Technologies*. 2014, 37(1): 48-60 **IF: 1.46**
45. **Azeem Intisar**, Lingyi Zhang, Huiyang Luo, J. Boima Kiazolu, Runsheng Zhang, Weibing Zhang. Anticancer Constituents and Cytotoxic Activity of Methanol-Water Extract of *Polygonum bistorta L.* *African Journal of Traditional, Complementary and Alternative Medicines*. 2013, 10(1): 53-59. **IF: 0.55 (2013)**
46. **Azeem Intisar**, J. Boima Kiazolu, Yun Wang, Lingyi Zhang, Weibing Zhang. Effect of Mobile Phase Composition and pH on HPLC Separation of Rhizome of *Polygonum bistorta*. *Journal of Liquid Chromatography & Related Technologies*. 2012, 35(7): 977-987. **IF: 1.46**
47. **Azeem Intisar**, Lingyi Zhang, Huiyang Luo, Runsheng Zhang, Zhongping Wu, Weibing Zhang. Difference in Essential Oil Composition of Rhizome of *Polygonum bistorta L.* from Different Asian Regions and Evaluation of its Antibacterial Activity. *Journal of Essential Oil Bearing Plants*. 2012, 15(6): 964-971. **IF: 1.97**

48. Xiyun Luo, Jingqing Wu, **Azeem Intisar**, Jinpei Geng, Laiming Wu, Kaiyi Zheng, Yiping Du. Study on Light Aging of Silk Fabric by Fourier Transform Infrared Spectroscopy and Principal Component Analysis. *Analytical Letters*. 2012, 45(10): 1286-1296. **IF: 2.26**
49. Duxin Li, Lingyi Zhang, Zhicong Wang, **Azeem Intisar**, Weibing Zhang. Development of a Parallel-Tandem Column Interface in a Two-Dimensional Liquid Chromatography System. *Chromatographia*. 2011, 73: 871–877. **IF: 2.21**
50. Faiza Faiz **Azeem Intisar**, Ahsan Sharif, Mateen Hedar, Arooj Ramzan, Tehzeeb Sawaira, Fiaz Kausar, Volatile Constituents of Leaves of *Trifolium alexandrinum*. *Journal of Botanical Research*. 2022, 4(1): 20-27
51. Wang Yun, **Azeem Intisar**, J. Boima Kiazolu, Liu Haiyan, Zhang Weibing. Structural Features in Composition of Different Parts of *Silybum marianum* (L.) Gaertn. *Chinese Journal of Chromatography*. 2010, 28(12): 1192-1195.
52. Adnan Mujahid, Saba Nazir, Muhammad Hamid Raza, **Azeem Intisar***, Tajamal Hussain, Ahsan Sharif, Ejaz Ahmed. Monitoring Oxidative Degradation of Thermally Stressed Palm Olein Shortening by Spectroscopic and Chromatographic Techniques. *Open Journal of Applied Sciences*, 2018, 8: 598-606.
53. Tajamal Hussain, Sidra Ishaq, **Azeem Intisar***, Adnan Mujahid, Ejaz Ahmed, Ahsan Sharif. Proficient photo catalytic degradation of methylene blue and methyl orange dyes as organic pollutant from aqueous medium. *Parana Journal of Science and Education*. 4(7): 17-23.
54. Noreen Azeem, Zeeshan Ahmad, **Azeem Intisar***, Adnan Mujahid, Tajamal Hussain, Ahsan Sharif, Ejaz Ahmed, Anza Zafar. Microwave-assisted volatile oil extraction and composition of seeds of *Cassia tora* (L.). *Parana Journal of Science and Education*. 4(9): 8-12.
55. **Azeem Intisar***, Aqsa Aamir, Kalsoom Kausar. Essential Oil Activity Against Methicillin-Resistant *Staphylococcus aureus* and Multidrug-Resistant *Mycobacterium tuberculosis*: A Mini-Review. *Organic and Medicinal Chemistry: International Journal* 9 (2).
56. Faiza Faiz, Azeem Intisar, Ahsan Sharif, Mateen Hedar, Arooj Ramzan, Tehzeeb Sawaira, and Fiaz Kausar. "Volatile Constituents of Leaves of *Trifolium alexandrinum*." *Journal of Botanical Research* 4, no. 1 (2022): 20-27.
57. Iqra Nazir, Azeem Intisar, Muhammad Imran Din, Jan Sher Khan, Ejaz Ahmed, Aqsa Aamir, Mujahid Manzoor, and Muhammad Irfan. "Volatile Composition and Antibacterial Activity of Fruits of *Withania coagulans* Dunal." *Pakistan Journal of Scientific & Industrial Research Series A: Physical Sciences* (2023). 66, no. 3: 227-233. (HEC Y Category Journal)

1. **Azeem Intisar**, Nazim Hussain, Arooj Ramzan, Tehzeeb Sawaira, Arpita Roy, and Muhammad Bilal. "Biomedical Applications of Inorganic Biomaterials." *Functional Biomaterials: Drug Delivery and Biomedical Applications*. Vol. 1, pp. 265-284. *Springer Nature*, 2022.
2. **Azeem Intisar**, Mateen Hedar, Ahsan Sharif, Ejaz Ahmed, Nazim Hussain, Tony Hadibarata, Mohammad Ali Shariati, Smaoui Slim, Muhammad Bilal. Enzyme immobilization on alginate biopolymer for biotechnological applications. *Microbial Biomolecules*, pp. 471-488, *Elsevier*, 2023.
3. **Azeem Intisar**, Arooj Ramzan, Mateen Hedar, Nazim Hussain, Muhammad Bilal, Biopolymer Waste Management, in *Handbook of Biopolymers*, chapter 51, 1447-1468. Springer Nature, Singapore, 2023.
4. Arooj Ramzan, **Azeem Intisar***, Nazish Mumtaz, Nazim Hussain, Muhammad Bilal, Applications of Biopolymer-Based Nanofibers and Nanomembranes, in *Handbook of Biopolymers*, chapter 45, 1281-1304. Springer Nature, Singapore, 2023.
5. Mateen Hedar, **Azeem Intisar***, Tajamal Hussain, Nazim Hussain, Muhammad Bilal. Challenges and Issues in Biopolymer Applications, in *Handbook of Biopolymers*, chapter 53, 1497-1512. Springer Nature, Singapore, 2023,
6. Mateen Hedar, Iqra Zaman, Muhammad Imran Din, Nazim Hussain, **Azeem Intisar***, Adeel Afzal, and Muhammad Amin Abid. "Removal of pharmaceutical compounds from water." (2023), in *Advances in Chemical Pollution, Environmental Management and Protection.*, Vol 9, pp. 35-63. Elsevier, 2023.
7. Mateen Hedar, **Azeem Intisar***, Nazim Hussain, and Muhammad Bilal. "Immobilized enzyme systems for wastewater treatment." (2023), in *Advances in Chemical Pollution, Environmental Management and Protection*, Vol 9, pp. 13-206. Elsevier, 2023.
8. Mahnoor Amjad, **Azeem Intisar***, Adeel Afzal, Nazim Hussain, and Muhammad Bilal. "Biological methods for the removal of microplastics from water." (2023), in *Advances in Chemical Pollution, Environmental Management and Protection*, Vol 9, pp. 65-78. Elsevier, 2023.
9. Arooj Ramzan, Vaneeza Aiman, **Azeem Intisar***, Adeel Afzal, Tajamal Hussain, Muhammad Amin Abid, Nazim Hussain, and Muhammad Bilal. "Microbial remediation of emerging pollutants from wastewater." (2023), in *Advances in Chemical Pollution, Environmental Management and Protection*. *Elsevier*, Vol 9, 2023, pp. 207-226.

10. Hafiz Adnan Akram, Adeel Afzal, **Azeem Intisar***, Mateen Hedar, Nazim Hussain, and Muhammad Bilal. "Advanced biomaterials for the removal of pesticides from water." (2023), in *Advances in Chemical Pollution, Environmental Management and Protection*. Elsevier, Vol 9, 2023, pp. 133-151
11. Maria Tariq, Tajamal Hussain, Adnan Mujahid, Mirza Nadeem Ahmad, Muhammad Imran Din, **Azeem Intisar**, and Muhammad Zahid. "Applications of Carbon Based Materials in Developing Advanced Energy Storage Devices." In *Carbon Nanotubes- Redefining the World of Electronics*. *IntechOpen*, 2021.

CONFERENCES & PRESENTATIONS

1. Work Presented at 10th Meeting of Consortium for Globalization of Chinese Medicine (CGCM), 2nd Asian NIR Symposium, August 26-28, 2011, Shanghai, China.
2. Work Presented at Exploring New Avenues in Medicinal Chemistry: Opportunities and Challenges” organized by FCC University, Lahore on January 21-23, 2015.
3. International Chemistry Conference of Chemical Society of Pakistan was organized and attended at Institute of Chemistry, University of the Punjab, Lahore, Pakistan on October 20-22, 2014.
4. Attended and organized the 18th National Chemistry Conference as a student organizer in Institute of Chemistry, University of the Punjab, Lahore, Pakistan on Feb 25-27, 2008.
5. Work Presented at 26th National and 14th International Chemistry Conference in the Islamia University of Bahawalpur, Pakistan on October 5-8, 2015.
6. Work Presented at International conference of biochemistry, biotechnology and biomaterials ICBBB-2016. February 22-24, 2016.
7. Work Presented at 27th National and 15th International Chemistry Conference 22-26-08- 2016 at University of Malakand, KPK.
8. Work Presented at 14th EURASIA Conference on Chemical Sciences at the H.E.J. Research Institute of Chemistry (International Center for Chemical and Biological Sciences, University of Karachi) during December 15 - 18, 2016.
9. Work Presented at 28th National and 16th International Chemistry Conference on Global Challenges and Chemistry at Federal Urdu University for Arts, Science and Technology (FUUAST), Karachi, during December 20-22, 2017.
10. Work Presented at 6th International Conference on Semiconductor Materials and Nano-Devices (6th ICSMAND-2018) on February 15-17, 2018 at Islamia University, Bahawalpur.
11. Work Presented at National Conference on Plants: From Food to Phytomedicine, on May 3-4, 2018. at University of Malakand, Malakand
12. Work presented at International conference on Natural Sciences at the Interface of Climate Change, Food Security and Sustainability (NSICFSS), held on October 24-26, 2018 at University of Kotli, Azad Jammu and Kashmir.
13. Work Presented at International Symposium on Natural Products for the Future, at H.E.J. Research Institute of Chemistry, (ICCBS), University of Karachi, held on November 04-06, 2018.
14. Work Presented at International Chemistry Conference held at Institute of Chemical Sciences” on March 27-29, 2019 at the Bahauddin Zakariya University, Multan.

15. Participated in International symposium on technologies and materials for renewable energy, environment & sustainability. February 6-7, 2019
16. International Conference on Innovation in Chemistry and Physics (University of Education, Faisalabad): March 14-15, 2022
17. 1st International conference on general chemistry from fundamentals to applications (Comsats), Islamabad: February 10-11, 2022.
18. 1st International Conference on Innovations in Chemistry, BioChemistry, Biotechnology and Bioinformatics (IUB, Bahawalpur): December 15-17, 2022.

SOFTWARE SKILLS

Proficient in M.S. Office (Word, Excel, Power Point), Origin, Endnote, MSD Chemstation, Turbomass, ChemsSketch, Web Browsing, Adobe Photoshop, Paint, Windows, MAC, iOS and Android systems.

LANGUAGE SKILLS

English	Proficient
Chinese	HSK Certified
Urdu	Proficient
Punjabi	Proficient
Arabic	Reading & Writing

ACADEMIC ACHIEVEMENTS

- Throughout 1st division in academic carrier.
- Full scholarship was awarded by Ministry of Education, Government of Pakistan for doctorate studies.
- Won five research grants from University of The Punjab, Lahore and one from Higher Education Commission.
- Scholarship awarded by China Scholarship Council, Ministry of Education, China.
- Stipends awarded by East China University of Science and Technology on all ISI articles published as leading author.

WORK EXPERIENCE

- More than 11 years of teaching and research experience in University of the Punjab, Lahore, Pakistan.
- Worked as Assistant Professor in University of the Punjab, Lahore, Pakistan from November 1, 2012.
- Have been working as Associate Professor of Chemistry since May 03, 2021.
- One year of demonstrative teaching in University of the Punjab, Lahore during 2007-2008.
- Supervised more than research 150 theses of BS, MSc, BS-AD and MPhil students as main supervisor and currently supervising PhD students as well.
- Trained through Indigenous on-campus Teacher Training Program.

OTHER SERVICES AND DUTIES

- Acting as an independent reviewer for various well-known ISI Journals such as Chemosphere, Food Research International, Natural Product Research, Chemistry and Biodiversity, Journal of Food Science, Journal of essential oil bearing plants, Polymer Bulletin, Processes, Grasas y Aceites, Chemical Papers, Polymers and Polymer Composites, Applied Research etc.
- Member of DTRC in School of Chemistry
- Member Board of Studies at Department of Chemistry, University of Sahiwal.
- Acting as External Examiner for taking Viva Voce for various BS, MSc, MPhil and PhD students at various well-known universities.
- Acting as External Thesis Evaluator.
- Acting as a paper setter for BS affiliated colleges.
- Member of 'Ethical Review Committee', 'Curriculum Development Committee' and 'Laboratories Safety Inspection Committee' and Incharge of "Tour and Entertainment Committee" at School of Chemistry, University of the Punjab.
- Acted as the interviewing representative from the School of Chemistry, for the selection of employees for the Environmental Monitoring Center/Central Laboratory of EPA Punjab.