

**Dr. Azeem Intisar**

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**OBJECTIVE**

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

**ACADEMIC QUALIFICATIONS**

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

**RESEARCH PUBLICATIONS**

1. 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*. DOI: 10.1080/11263504.2020.1869114 **IF: 2.83**
2. 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*. DOI: 10.1080/11263504.2020.1837279 **IF: 2.83**
3. 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. DOI: 10.1007/s00289-021-03625-w **IF: 2.87**
4. 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: 5.16**
  5. Saba Rasheed, Zahida Batool, **Azeem Intisar**, Sara Riaz, Mamoona 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: 1.25**
  6. 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: 2.86**
  7. 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: 3.36**
  8. 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**
  9. 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: 4.82**
  10. 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: 6.53**
  11. 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: 4.82**
  12. 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: 1.81**
13. 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: 0.52**
  14. 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: 3.2**
  15. 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: 2.04**
  16. 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: 1.69**
  17. 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: 2.77**
  18. 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: 0.27**
  19. 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: 2.86**
  20. 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: 3.21**
  21. 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: 0.53**
  22. 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-Trisilatriphosphenazine versus 2,4,6-Trisilatriazine: A Quantum Chemical

- Approach. Computational and Theoretical Chemistry. (2015), 1065: 18-26. **IF: 1.92**
23. 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: 1.31**
  24. **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**
  25. **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: 1.31**
  26. **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: 1.69**
  27. 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: 2.32**
  28. 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: 2.04**
  29. 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.
  30. 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.
  31. 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.
  32. 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.
  33. **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).

**\*\*2 book chapters and various other publications have also been submitted\*\***

## 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. Work Presented at 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 18<sup>th</sup> 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 14<sup>th</sup> 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

## SOFTWARE SKILLS

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

## LANGUAGE SKILLS

English	Highly Proficient
Chinese	HSK Certified
Urdu	Highly Proficient
Punjabi	Highly Proficient
Arabic	Reading & Writing
Hindi	Proficiency in spoken

## ACADEMIC ACHIEVEMENTS

- Throughout 1<sup>st</sup> division in academic carrier.
- Full scholarship was awarded by Ministry of Education, Government of Pakistan for doctorate studies.
- Scholarship awarded by China Scholarship Council, Ministry of Education, China.
- Stipend awarded by East China University of Science and Technology on all ISI articles published as leading author.

## WORK EXPERIENCE

- Started working as Assistant Professor in University of the Punjab, Lahore, Pakistan since November 1, 2012.
- One year of demonstrative teaching in University of the Punjab, Lahore during 2007-2008.
- Supervised around 75 theses of BS, MSc and MPhil students as main supervisor and supervising PhD as well.
- Attended the Indigenous on-campus Teacher Training Program.

## OTHER SERVICES AND DUTIES

- Acting as an independent reviewer for various well-known SI Journals such as Food Research International, Natural Product Research, Journal of Food Science, Polymer Bulletin, Grasas y Aceites and Polymers and Polymer Composites etc.
- 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.

**PERSONAL DATA**

Place of birth	Lahore
Nationality	Pakistani