

**Curriculum Vitae  
Muhammad Zahoor**



**Personal:**

**Nationality:** Pakistani

**Date of Birth:** 11/04/1978

**Postal Address:** Department of Chemistry, University of Malakand, Chakdara, Dir (Lower), KPK.

**Permanent Address:** Village Pitao; Tehsil Dargai; Distt Malakand Khyber Pakhthunkhwa, Pakistan.

**Cell:** 0092 307-857 29 89

**Email:** [mohammadzahoorus@yahoo.com](mailto:mohammadzahoorus@yahoo.com)

**Languages:**

1. Pashto
2. Urdu
3. English
4. Turkish

**Objectives:**

I wish to join a challenging and dynamic research environment that make my career out of my professional abilities and interpersonal skills. Qualified for a challenging and decision making assignments. I see myself as an active contributor to a team of dedicated and ambitious people working on projects that involve Chemistry and Chemical engineering and thereby enhance my knowledge and personality. I have a strong motivation to pursue career especially in frontier areas of Chemistry.

**Qualification:**

**PhD:**

Department of Chemical Engineering Istanbul University, Istanbul, Turkey

**Title of PhD Research:** Removal of some organic substances from water through adsorption–filtration and adsorption-membrane hybrid systems.

**Courses taken during PhD:**

- 1: Group theory
- 2: Surface active materials.
- 3: Chemistry of lanthanides and actinides.

- 4:Quantum chemistry.
- 5:Phenomena at Solid-Solution Interface
- 6:Vegetable oil technology.
- 7:Ion exchange resin.
- 8:Aquatic chemistry.
- 9:Frozen food technology.

PhD Seminar: Hydrotropic solutions.

**M.Sc:**

Department of Chemistry, Peshawar University, Pakistan

**Field of Specialization:** Biochemistry

**Courses taken during MSc:**

- 1:Environmental chemistry.
- 2:Biochemistry of macromolecules and techniques.
- 3:Nutritional/physiological chemistry.
- 4:Microbiology and immunology.
- 5:General Biochemistry.
- 6:General organic chemistry.
- 7:General inorganic chemistry.
- 8:General physical chemistry.

**B. Ed (Bachelor of Education):** Gomal University, D. I. Khan, Pakistan

**Courses taken during B. Ed:**

- 1:Teaching of biology.
- 2:Practical skills.

**B.Sc:**

Peshawar University, Pakistan.

**F.Sc:**

Board of Intermediate and secondary Education, Islamabad, Pakistan.

**S.S.C:**

Board of Intermediate and Secondary Education, Swat, Pakistan

**Professional experience:**

1. Associate Professor (Tenured) department of Chemistry University of Malakand, from 09/02/2018 to date.
- 2.Assistant Professor (TTS), department of Chemistry University of Malakand, from 09/02/2012 to 09/02/2018.
- 3.Assistant Professor (IPFP), department of Chemistry University of Malakand, from 25/05/2011 to 08/02/2012.
- 4.Assistant Professor (Contract), department of Chemistry University of Malakand, from 14/03/2011 to 25/05/2011.

5. Lecturer Chemistry Govt Degree College Mir Ali, North Waziristan, Pakistan from 01.11.2004 to 01.01.2007.
6. Lecturer Chemistry, Edworld College Dargai, Malakand Pakistan from 01.11.2001 to 01.11.2004.
7. Biochemist (Evening), Moon Clinical Laboratory, Dargai, Malakand, Pakistan from 01.04.2002 to 8.04.2004.

**Areas of expertise:**

1. Antioxidants and other phytochemicals isolation
2. Microbiology (Antibacterial, Antifungal, Phytotoxic and Cytotoxic assays)
3. Aflatoxin B1 detoxification by carbon nanostructures
4. Ultrafiltration (pilot plant designing and operations)
5. Adsorption (adsorbent preparation, characterization etc)
6. Clinical Biochemistry
7. Nanocomposites
8. Enzyme inhibition

**Publications:**

- 1) Bari WU, **Zahoor M**, Zeb A, Khyam SU, Ullah R, Shahat AA, Mahmood HM, Khan I. 2019. Isolation, Pharmacological Evaluation and molecular docking studies of Bioactive compounds from *Grewiaoptiva*. *Drug Design, Development and Therapy*. 13: 3029-3036.
- 2) Bari WU, **Zahoor M**, Zeb A, Khan I, Nazir Y, Khan A, Rehman NU, Ullah R, Shahat AA, Mahmood HM. 2019. Anticholinesterase, antioxidant potentials, and molecular docking studies of isolated bioactive compounds from *Grewia optiva*. *International Journal of Food Properties*. 22 (1): 1386-1396.
- 3) **Zahoor M**, Gulfam N, Khisroon M, Khan FA. 2019. The in Vivo efficacy of highly porous carbon nanocomposites prepared from sugar beet waste for the Ochratoxin A detoxification. *Veterinarski Arhiv*. In press 89 (6).
- 4) Zafar R, Ullah H, **Zahoor M**, Sadiq A. 2019. Isolation of bioactive compounds from *Bergenia ciliata* (Haw.) Sternb rhizome and their antioxidant and anticholinesterase activities. *BMC Complementary and Alternative Medicine*. In press.
- 5) Naz, S, **Zahoor M**, Umar MN, Ali B, Ullah R, Shahat AA, Mahmood HM, Khyam SU. 2019. Enzyme inhibitory, antioxidant and antibacterial potentials of synthetic symmetrical and unsymmetrical thioureas. *Drug Design, Development and Therapy*. 13: 3485-3495. Salman SM, **Zahoor M**, Muhammad S, Ali A. 2019. Detoxification of lead(II) ions in aqueous solutions using chemically modified *Ziziphus jojoba* and *Eriobotrya japonica* leaves: thermodynamic and kinetics considerations. *Desalination and water treatment*. 166: 53-61.
- 6) Alam S, Khan S, Khan MS, Rahman NU, **Zahoor M**. 2019. Removal of Aliphatic Organic Acids from the Wastewater by using Adsorbents Obtained from Buffalo Droppings. *Desalination and water treatment*. In press.
- 7) Ullah A, **Zahoor M**, Alam S. 2019. Removal of enrofloxacin from water through magnetic nanocomposites prepared from pineapple waste biomass. *Surface Engineering and Applied Electrochemistry*. 55 (5): 536-547.

- 8) Wahab M, **Zahoor M**, Salman SM. 2019. A novel approach to remove ofloxacin antibiotic from industrial effluent using magnetic carbon nanocomposite prepared from sawdust of *Dalbergia sissoo* by batch and membrane hybrid technology. *Desalination and water treatment*. 165: 83-96.
- 9) Ali M, Alam S, **Zahoor M**, et al. 2019. Adsorptive removal of cetyltrimethyl ammonium bromide (CTAB) surfactant from aqueous solution: crossbreed pilot plant membrane studies. *Tenside Surfactants Detergents*. In press
- 10) Khayam SMU, **Zahoor M**, Shah AB, 2019. Biological and Phytochemical Evaluation of *Cotoneaster microphyllus*, *Ficus auriculata* and *Calotropis procera*. *Latin American Journal of Pharmacy*. 85 (5): 945-953.
- 11) Ullah A, **Zahoor M**, Alam S, Ullah R, Alqahtani AS, Mahmood HM. 2019. Separation of levofloxacin from industry effluents using novel magnetic nanocomposite and membranes hybrid processes. *BioMed Research International*. 2019: 1-13.
- 12) Ullah A, **Zahoor M**, Alam S. 2019. Removal of ciprofloxacin from water through magnetic nanocomposite/membrane hybrid processes. *Desalination and water treatment*. 137: 260-272.
- 13) **Zahoor M**, Gulfam N, Khisroon M, Khan FA. 2019. Removal of Ochratoxin A from water by novel adsorbent; magnetic carbon nanocomposites prepared from sugar beet wastes. *Desalination and water treatment*. 152: 234-241.
- 14) Zohra T, Ovais M, Khalil AT, Qasim M, Ayaz M, Shinwari ZK, Ahmad S, **Zahoor M**. 2019. Bio-guided profiling and HPLC-DAD finger printing of *Atriplex lasiantha* Boiss. *BMC Complementary and Alternative Medicine*. 19: 1-14.
- 15) Khan MI, **Zahoor M**, Khan A, Gulfam N, Khisroon M. 2019. Bioaccumulation of Heavy Metals and their Genotoxic Effect on Freshwater Mussel. *Bulletin of Environmental Contamination and Toxicology*. 102: 52-58.
- 16) **Zahoor M**, Zafar R, Rahman NU. 2018. Isolation and identification of phenolic antioxidants from *Pistacia integerrima* gall and their anticholine esterase activities. *Heliyon*. 4 (12) 1-22.
- 17) Nazir N, **Zahoor M**, Nisar M, Khan I, Karim N, Abdel-Halim H, Ali A. 2018. Phytochemical analysis and antidiabetic potential of *Elaeagnus umbellata* (Thunb.) in streptozotocin-induced diabetic rats: pharmacological and computational approach. *BMC Complementary and Alternative Medicine*. 18: 1-16
- 18) Rehman IU, **Zahoor M**, Bashir MT, Din IU, Shah J, Ali J, Khan FA, Sher M, Gulfam N. 2018. Heavy metal analysis for assessing the quality of waste water effluent samples collected from three major waste drains of Peshawar city, Pakistan. *Desalination and water treatment*. 136: 332-340.
- 19) Rehman IU, **Zahoor M**, Bashir MT, Ali J, Khan FA, Sher M. 2018. Removal of  $\text{Cu}^{2+}$  from aqueous solution by activated carbon prepared from sawdust and nutshells. *Desalination and water treatment*. 126: 171-180.
- 20) **Zahoor M**, Khan FA, 2018. Adsorption of aflatoxin B1 on magnetic carbon nanocomposites prepared from bagasse. *Arabian journal of Chemistry*. 11: 729-738
- 21) Khan E, Khan SA, **Zahoor M**, Tahir MN, Noor A, Altaf, AA. 2018. Cu(II) Coordination polymers stabilized by pyridine-2,6-dicarboxylate anion and pyrazole derivatives through ligand hydrolysis. *Journal of Coordination Chemistry*. 71: 2658-2673.
- 22) **Zahoor M**, Shafiq S, Ullah H, Sadiq A, Khan F. 2018. Isolation of quercetin and mandelic acid from *Aesculus indica* fruit and their biological activities. *BMC Biochemistry*. 19: 1-14

- 23) Gulfam N, **Zahoor M**, Khisroon M, Khan FA. 2018. *In vivo* detoxification of ochratoxin A by highly porous magnetic nanocomposites prepared from coconut shell. *Brazilian Journal of poultry Science*. 20 (4): 675-698.
- 24) **Zahoor M**, Bahadur, H, Ayaz, M. Khan A, Shah MJ. 2018. In vitro study on the antimicrobial activity of human tears with respect to age. *Korean J Clin Lab Sci*. 50: 93-99.
- 25) Zafar R, Chishti KA, **Zahoor M**, Shah AB. 2018. Screening/assessment of potential drug-drug interactions in neurology ward of a tertiary care hospital, Peshawar Khyber Pakhtunkhwa: Prevalence, types and their predictors. *Pharmacology online*. 2: 44-49.
- 26) **Zahoor M**, Jalaluddin. 2018. Evaluation of Bacterial Population in the Saliva of Drug Addicts. *Journal Dental and Oral implants*. 2: 6-14.
- 27) Gulfam N, Khisroon M, **Zahoor M**, Khan FA. 2018. Development of highly porous carbon nanocomposites derived from coconut shell and its in vitro efficacy of ochratoxin A detoxification. *Desalination and Water treatment*. 105: 216-225.
- 28) **Zahoor M**, Shah AB, Gul S, Amin S. 2018. HPLC-UV analysis of antioxidants in *Citrus sinensis* stem and root extracts. *J. Chem. Soc. Pak*. 40 (3) 595-601.
- 29) Zafar R, Khan FA, **Zahoor M**. 2017. In vivo amelioration of aflatoxin B1 in broiler chicks by magnetic carbon nanocomposite. *Pesq. Vet. Bras*. 37 (11) 1213-1219.
- 30) Nazir S, Jan MR, Ali A, Asif M, Idress M, Nisar M, **Zahoor M**, Abdel Salam NM. 2017. Prevalence of hepatitis-C virus genotypes and potential transmission risks in Malakand Khyber Pakhtunkhwa, Pakistan. *Virology Journal*. 14: 1-9.
- 31) Zafar R, Chisti KA, **Zahoor M**. 2017. Drug-drug interactions and their potential adverse outcomes: but are often predictable, therefore avoidable and manageable. *Tropical Journal of Pharmaceutical Research*. 16 (10) 2521-2526.
- 32) Rahman MU, Zahoor M, Muhammad B. 2017. Removal of heavy metals from water by carbon nanocomposites prepared from melon wastes. *Desalination and water treatment*. 75: 158-173.
- 33) Rahman MU, Zahoor M, Muhammad B, Khan FA, Ullah R, Salam NM. 2017. Removal of heavy metals from drinking water by magnetic carbon nanostructures prepared from biomass. *Journal of Nanomaterials*. 2017: 1-10.
- 34) Naila G, Zahoor M, Khan FA. 2017. Assessment of zinc, cadmium, nickel, lead and chromium concentrations in water, sediments and different tissues of *Cyprinus carpio*, from Kalpani stream Mardan Khyber Pukhtunkhwa, Pakistan. *Desalination and water treatment*. 63: 96-102.
- 35) **Zahoor M**, Ahmad N, Huma, Farzana. 2017. HPLC profiling of bioactive compounds present in *Olea europaea*, *Myrtus communis* and *Monothea buxifolia* and their antibacterial activities. *International Journal of Biochemistry Research & Review*. 18 (1) 1-9.
- 36) Roheena Z, **Zahoor M**, Abdul B.S, Fazal M. 2017. Determination of antioxidants and antibacterial activities, total phenolic, polyphenol and pigment contents in *Nasturtium officinale*. *Pharmacology online*. 1: 11-18.
- 37) Zahoor M, Bahadur H, Uddin S, Naz S. 2016. The Sensitivity Comparison of Immunodiagnostic Assays for Diagnosing Dengue Fever. *Korean J Clin Lab Sci*. 48(4):275-279.
- 38) Khan FA, Zahoor M, Islam N, Hameed R. 2016. Synthesis of cefixime and azithromycin nano particles; an attempt to enhance its antimicrobial activity and dissolution rate. *Journal of Nanomaterials*. 2016; 1-9.

- 39) Khan FA, **Zahoor M**, Jalal A, Rahman AA. 2016. Green synthesis of silver nanoparticles by using *Ziziphus nummularia* leaves aqueous extract and their biological activities. *Journal of Nanomaterials*. 2016; 1-8.
- 40) **Zahoor M**, Jan R, Naz S. 2016. Investigation of repressive and enhance effects of fruit extracts on the activity of glucose-6-phosphatase. *Pak. J. Phar. Sci.* 29 (6); 1985-1991.
- 41) **Zahoor M**, Khan FA, 2015. Aflatoxin B1 detoxification by magnetic carbon nanostructures prepared from maize straw. *Desalination and water treatment*, 57 (25) 11893-11903.
- 42) **Zahoor M**, Khan FA, Azam M, 2016. Bacteriological, inorganic and heavy metal evaluation of drinking water of the specified flood affected areas of Dir (Lower) Pakistan. *Desalination and water treatment*, 57 (30): 13938–13957.
- 43) **Zahoor M**. 2016. Separation of surfactants from water by granular activated carbon/ultrafiltration hybrid process. *Desalination and water treatment*. 57 (5): 1988–1994.
- 44) Naveed M. Khan A, Saeed M, Khan H, Khan SS, Shareef H, Khan Z, Farooq U, **Zahoor M**, 2016. Fixed Oil Composition and Biological Screening of *Viola betonicifolia* in Different Solvents. *J. Chem. Soc. Pak.*, 38 (01) 115-121.
- 45) **Zahoor M**, 2016. Effect of granular activated carbon on percent retention of humic acid and permeate flux in GAC/UF membrane process. *Desalination and water treatment*, 57: 23661-23665.
- 46) Nazim H, Wadood S.F, Habib U, **Zahoor M**, Murad K, Asif K, Nisar M. 2016. Estimation of genetic diversity in *Cupressus sempervirens* growing in different ecological zones of Malakand Division, KP, Pakistan. *IJB*, 8 (5) 15-21.
- 47) Khattak M.M., Muhammad B., **Zahoor M**. 2016. Analysis of Heavy Metals Contamination Levels in Drinking Water Collected from Different Provinces of Pakistan. *American-Eurasian J. Agric. & Environ. Sci.*, 16 (2): 333-347.
- 48) **Zahoor M**, Khan E, Khan FA, 2016. Chemical and biological evaluation of *Ranunculus muricatus*. *Pak. J. Phar. Sci.* 29 (2) 503-510.
- 49) **Zahoor M**, Nisar M, Islam N, 2015. Genetic Variations of *Robinia Pseudoacacia* Plant Using SDS-PAGE. *Pak. J. Bot.* 47 (6) 2335-2338.
- 50) Khan FA, **Zahoor M**, 2014. In vivo detoxification of aflatoxin B1 by magnetic carbon nanostructures prepared from bagasse. *BMC Veterinary Research*. 10 (1) 255.
- 51) **Zahoor M**, Manzoor Ahmed, Sumaira Naz, Musarrat. 2014. Cytotoxic, antibacterial and antioxidant activities of extracts of the bark of *Melia azedarach* (China Berry). *Natural Product Research*. 29 (12): 1170-1172.
- 52) **Zahoor M**, Mabood F, Ullah F. 2014. Comparative Study of Different Metals in Rocks of Heroshah Malakand Pakistan, *Pakistan Chemical Society*, 36 (5) 939-947.
- 53) **Zahoor M**, Sangeen M, Naz S, 2014. Antibacterial, antifungal and antioxidant activities of honey collected from Timergara (Dir, Pakistan). *Pak. J. Pharm. Sci.*, 27(1):45-50.
- 54) **Zahoor M**. et al., 2014. Antibacterial Activities of Methanolic Extracts of Aerial Parts of *Delphinium Uncinatum Hook's & Thoms*. *Sci. Tech and Dev*. 33(2) 77-79.
- 55) **Zahoor, M**. 2014, Magnetic adsorbent used in combination with ultrafiltration membrane for the removal of surfactants from water. *Desalination and water treatment*, 52 (16-18) 3104-3114.
- 56) **Zahoor M**, 2014. Removal of humic acid from water through adsorption-ultrafiltration hybrid processes. *Desalination and water treatment*, 52 (40-42) 7983-7992.
- 57) Khan FA, **Zahoor M**, et al., 2014. A general introduction to medicinal plants and *silybum marianum*. *Life Science Journal*. 11(9s) 471-481.

- 58) Ullah N, Khan S, **Zahoor M**, 2014. Inhibition of toxigenic fungi in Poultry feed using powdered plants. *Life Science Journal*. 11(7s) 511-519.
- 59) Ullah N, **Zahoor M**, Khan FA, Khan S, 2014. A review on general introduction to medicinal plants, its phytochemicals and role of heavy metal and inorganic constituents. *Life Science Journal*. 11(7s) 520-527.
- 60) Khan FA, **Zahoor M**, 2014. Preservation of poultry feed by using different powdered plants. *Life Science Journal*. 11(1s) 9-14.
- 61) **Zahoor M**, Khan FA et al., 2014. Assessment of Mycobiota and Aflatoxins in Poultry Feeds Collected from Poultry Farms. *Journal of pure and applied microbiology*. 8 (s2) 437-445.
- 62) **Zahoor M**, Naz S, Fahim-Ullah S, 2013. Microbial evaluation of branded and unbranded milk sold in the city of Chakdara, Dir (Lower) Pakistan. A pilot study. *the Health*, 4(1): 7-9.
- 63) **Zahoor M**, Naz S, Gulzar, 2013. Microbial Evaluation of Branded Fruit Juices Sold in the City of Chakdara, Dir (Lower) Pakistan. *Middle-East Journal of Scientific Research*, 16 (8): 1047-1050
- 64) **Zahoor, M.** 2013, Removal of paraquat and linuron from water by continuous flow adsorption/ultrafiltration membrane processes. *Pakistan Chemical Society*, 35(3): 577-584.
- 65) **Zahoor M**, 2013. Removal of pesticides from water using granular activated carbon and ultrafiltration membrane—a pilot plant study. *Journal of Encapsulation and Adsorption Sciences*, 3: 71-76.
- 66) **Zahoor, M.** 2012, Removal of Synthetic Organic Foulants by Granular Activated Carbon Filters and Ultrafiltration Membrane. *Tenside surfactants and detergents*, 49: 382-389.
- 67) **Zahoor, M.** 2012, Removal of crystal violet from water by adsorbent prepared from Turkish coffee residue. *Tenside surfactants and detergents*, 49: 107-113.
- 68) Farhat, U., Shah, S.M.M., Shah, S.M.H., **Zahoor, M.**, Sadiq, A. 2012. Analysis of chemical constituents and antinociceptive potential of essential oil of *Teucrium Stocksianum* bioss collected from the North West of Pakistan. *BMC Complementary and Alternative Medicine*, 12: 244-254.
- 69) Khan, F.A., Rehman, M.U., **Zahoor, M.** 2012. Evaluation of inorganic profile and anti-nutritional values of *Cocculus hirsutus*. *African journal of pharmacy and pharmacology*, 6(3): 144-147.
- 70) **Zahoor, M.** 2011, Effect of agitation speed on adsorption of imidacloprid on activated carbon. *Journal of the Chemical Society of Pakistan*. 33 (3): 305-312.
- 71) **Zahoor, M.** Mahramanlioglu, M. 2011, Removal of imidacloprid by activated and magnetic activated carbon from aqueous solutions. *Chemical and Biochemical Engineering Quarterly*, 25 (1) 55–63.
- 72) **Zahoor, M.** Mahramanlioglu, M. 2011, Removal of phenolic substances from water by adsorption and adsorption- ultrafiltration. *Separation science and technology*, 46(9): 1482-1494.
- 73) **Zahoor, M.** Mahramanlioglu, M. 2011, Removal of 2,4-D from water using various adsorbents in combination with ultrafiltration. *Fresenius Environmental Bulletin*, 20(10): 2508-2513.
- 74) Khan, F.A., Khan, A., Rehman, M.U., **Zahoor, M.** 2011, Evaluation of Different Types Of *Citrullus Vulgaris* For Its Physical Parameters and Proximate Composition. *Journal of pharmacy research*, 4(7): 2403-2405.

- 75) Hussain I, Khan J, Khan N, **Zahoor M**, Ullah N, Khattak MUR, Khan FA, Baseer A, Khurram M. 2011, Analysis of chemical constituents in medicinal plants of selected districts of Pakhtoonkhwa, Pakistan. *African J. Biotech.*, 10(61): 13307-13312.
- 76) Hussain I, Ullah R, Ullah R, Khurram M, Ullah N, Baseer A, Khan FA, Khattak MUR, **Zahoor M**, Khan J, Khan N. 2011, Phytochemicals Analysis of Selected Medicinal Plants. *African J. Biotech.*, 10(38): 7487-7492.
- 77) Hussain I, Ullah R, Khurram M, Ullah N, Baseer A, Khan FA, Khan N, Khattak MUR, **Zahoor M**, Khan J. 2011, Heavy Metals and Inorganic Constituents in Medicinal Plants of Selected Districts of Khyber Pakhtoonkhwa, Pakistan. *African J. Biotech.*, 10(42): 8517-8522.
- 78) Khan, F.A., Rehman M.U., **Zahoor, M.** 2011, Estimation of inorganic constituents in the seeds of blue and white flowering capitulum of *Silybum marianum*. *African J. Biotech.*, 10(62): 13491-13494.
- 79) Khan, F.A., **Zahoor, M.**, Hussain, J., and others. 2011, biodiesel production from Mustard Oil, Coal Ash using as catalyst. *Middle-East journal of scientific research*, 8(5): 866-872.
- 80) Khan, F.A., Khan, A., Rehman, M.U., **Zahoor, M.** 2011, Screening of *Mentha longifolia* for Nutritional, Anti nutritional and Inorganic contents. *Journal of pharmacy research*, 4(10): 3824-3825.
- 81) Khan, F.A., Khan, A., Rehman, M.U., **Zahoor, M.** 2011, Screening of Crude Phytochemicals and Antimicrobial activities of Selected Medicinal Plants of Peshawar Region Khyber PakhtoonKhawa Pakistan. *Middle-East journal of scientific research*, 9(2): 200-208.
- 82) Khan, F.A., Hussain, I., **Zahoor, M.**, Rehman, M.U. 2011, Inorganic constituents of blue and white flowering *Silybum Marianum* from different districts of Khyber PakhtoonKhawa, Pakistan. *Middle-East journal of scientific research*, 7(6): 990-993.
- 83) Khan, F.A., Khan, A., Rehman, M.U., **Zahoor, M.** 2011, Collection, identification and preservation of *Erwiniacarato* sub-species of *caratova* from isolates of carrot. *American-Eurasian J. Agric and Environment Sci.* 10(5): 744-747.
- 84) **Zahoor, M.** 2010, Removal of thiram from aqueous solutions. *Journal of the Chinese chemical society*, 57(6) 1361-1366.
- 85) Mahramanlioglu, M., Al, M., **Zahoor, M.**, Kizilcikli, I. 2010, Removal of phenol red by activated and magnetic activated carbon. *Fresenius Environmental Bulletin*, 19(5a): 911-918.

### Research Projects

1. Characterization, Isolation and Production of Natural Antioxidants from Medicinal Plants. Funded by Higher Education of Pakistan (of worth PKR= 7.6 million). Status: completed (No: 2515).
2. Evaluation of Phytochemicals, Inorganic profile, Antioxidant and Biological Activities of *Ranunculus muricatus*. Funded by Higher Education of Pakistan (of worth PKR= 0.5 million). Status: completed (*PM-IPFP/HRD/HEC/2011/3393*).
3. Removal of some organic substances from water through adsorption–filtration and adsorption-membrane hybrid systems. Funded by BAP Istanbul University Turkey (of worth TL = 15000). Status: completed (No: 3822).



**Number of M.Phil/PhD produced**

1. PhD Produced = 3
2. M.Phil produced = 18
3. Master and BS (thesis) = 56

**Awards and scholarships**

1. Research productivity award from PCST (2015)
2. Research productivity award from PCST (2013)
3. Young chemist support award for 44<sup>th</sup> IUPAC congress (2013), Istanbul Turkey
4. Cultural exchange scholarship of Turkey Government (2006)

**International Conferences/Symposiums/Workshops Organized:**

- 1) Chemical Engineering 2<sup>nd</sup> International conference of Mehran University Pakistan. (2018).  
Keynote Speaker.
- 2) Seminar “Global Warming” Pakistan Science Foundation. (2018)
- 3) Seminar “scope of biochemistry” GPDC Dargai. (2017). Pakistan
- 4) International Students symposium (2015), Istanbul Turkey.
- 5) 44<sup>th</sup> IUPAC congress (2013), Istanbul Turkey.
- 6) European conference on chemical education (EuChem), 2009, Istanbul Turkey.
- 7) Workshop on antioxidant measurement assay, 2010, Istanbul Turkey.

**References:****1) Prof. Dr: Mehmet Mahramanlioglu**

Faculty of Chemical Engineering,  
Department of Chemistry,  
Istanbul University.  
Email: mehmah@ istanbul.edu.tr  
Telephone number: +90 555 4886197  
Fax number: +90 212 8522027.

**2) Prof. Dr: Irfan Kizilcikli**

Faculty of Chemical Engineering,  
Department of Chemistry,  
Istanbul University.  
Email: irfank@ istanbul.edu.tr  
Fax number: +90 212 8522027.