

CURRICULUM VITAE

DR. RAZIYA NADEEM

Associate Professor

PERSONAL PARTICULARS

Date of Birth: 14- 10-1970
Marital Status: Married, with two sons and two daughters
Nationality: Pakistani
CNIC No: 33100-0604674-6
SCI-ID : 1616
Correspondence Address: Department of Chemistry, University of Agriculture, Faisalabad, Pakistan.
Permanent Address: House No. 30-B, Staff Colony, New Campus, Government College University, Faisalabad, Pakistan.
Tel: off : + 92-41- 9200161-67 ext.3309
Cell: 923228669634
Email: raziyaanalyst@uaf.edu.pk
raziyaanalyst@yahoo.com

ACADEMIC RECORD

Ph.D. (Chemistry), Bahaudin Zakariya University, Multan, Pakistan (2012)
M.Phil. (Inorganic/Analytical Chemistry), Quaid-i-Azam University Islamabad, Pakistan (1995)
M.Sc. (Chemistry) Bahaadin Zakriya University, Multan, Pakistan (1993)
B.Sc. Bahaudin Zakariya University, Multan, Pakistan (1990)
F.Sc. Board of Intermediate and Secondary Education, Multan, Pakistan (1988)

TITLES OF DISSERTATION

- **Ph.D** Development of Biosorbent Technology for the removal of heavy metals from industrial effluents. Supervisor: Dr. Tariq Mehmood Ansari, Institute of Chemical Sciences, Bahauddin Zakariya University, Multan, Pakistan
- **M.Phil** Investigation of calibration procedures for the analysis of low alloy steels by spark source atomic emission spectroscopy. Supervisor: Prof. Dr. Jamil Ahmad, Department of Chemistry, Quaid-i-Azam University, Islamabad, Pakistan
- **M.Sc.** Indirect spectrophotometric determination of reducing sugars. Supervisor: Prof. Dr. Tariq Mehmood Ansari: Department of Chemistry, Bahauddin Zakariya University, Multan, Pakistan

CAREER HIGHLIGHTS AND AWARDS

- **CURRENT INTERNATIONAL IMPACT FACTOR \approx 384.631**
- Citations \approx 5025; h-index = 35
- Research articles in International Journal with Impact Factor: 100
- Research articles in International Journal without Impact Factor: 20
- Research articles in International Proceedings: 4
- Books published at International Level: 3
- Book Chapters Published at International Level: 4
- **Major Research Grant Award: 13.83 million from TDF-HEC 2018**
- **HEC Approved Supervisor - Phase 80**
- **M.Sc. Scored 4th Position** in Chemistry at Bahaudin Zakariya University. Multan.

- Awarded better incentives (2 basic salaries) from University of Agriculture, Faisalabad for the Calendar year 2007 and 2008
- Awarded Research Productivity Allowance (RPA) 2008-09 from Pakistan Council for Science and Technology (PCST) Pakistan. D Category
- Awarded Research Productivity Award (RPA) 2010-11 from Pakistan Council for Science and Technology (PCST) Pakistan B Category.
- Awarded a Gold Medal by Zakariyan Chemists Organization (ZACHO), Institute of Chemical Sciences, Bahauddin Zakariya University, Multan (2014) on completion of PhD degree.

SCHOLARSHIPS/ APPRECIATIONS /HONOURS

1. **An academic merit scholarship** was awarded by Board of Intermediate and Secondary Education, Multan (1986- 88).
2. **Awarded President Scholarship Gold medal** in 1986.
3. **An academic merit scholarship** was awarded by the Bahaadin Zakriya University, Multan, Pakistan (1988-90).
4. **An academic merit scholarship** was awarded by University Grants Commission during my M.Sc./M.Phil studies (1990-95).
5. Scored 3rd position in a poster competition at PINSTECH Islamabad in 3rd Chemistry Conference 2011.
6. Awarded a souvenir/shield as a member of the conference management team of Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad to organize 10th International and 22nd National Chemistry Conference 2011(November, 21-23, 2011).
7. Co-Chaired Technical Session F: Food Quality (FQ), Auditorium-2nd Floor, Yousaf Block. 1st International Conference on Safe Food & Human Health (ICSFH-2012). January 10-11, 2012. Government College University, Faisalabad.
8. Chaired the Technical Session 2. Workshop on Biodiesel Technology, Processing, Potential Feedstock, Future prospects and Challenges (Nov 5-6, 2012) at Department of Chemistry, University of Sargodha, Sargodha.
9. Awarded a souvenir/shield as a member of the conference management team of Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad to organize International Conference of Biochemical and Chemical Sciences (ICBCS-2014) (February, 24-26, 2014)
10. Co-Chaired Technical Session-2: National presentations, New Senate Hall. International workshop on Biochar in Pakistan: opportunities and potential. March 24-27, 2014 at University of Agriculture, Faisalabad.
11. Awarded a Cash Prize (Rs.10000) by Zakariyan Chemists Organization (ZACHO), Institute of Chemical Sciences, Bahauddin Zakariya University, Multan (2014) on completion of PhD degree.
12. Awarded a Sovenior/Shield as a member of the conference management team of Department of Biochemistry, University of Agriculture, Faisalabad to organize International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016) (February, 22-24, 2016)
13. Awarded a Sovenior/Shield as a Guest of the honor in Jashan-e-Raamish, in GCU, FSD and distributed certificates in Fashion Design Faculty/Students May, 2017

14. Awarded a certificate of appreciation in a ceremony held on 11 December 2018 in New Senate Hall, UAF on winning a grant worth Rs.13.87 million Under HEC-TDF, Organized by ORIC, UAF
15. Awarded a Shield / Certificate as a member of the conference management team of Department of Chemistry, University of Agriculture, Faisalabad to organize International Conference of Chemistry, Materials and Technology (CMT-2023) (March, 15-16, 2023)
16. Scored 2nd position and awarded a shield in Science Model Competition in International Conference of Chemistry, Materials and Technology (CMT-2023) (March, 15-16, 2023)

PROFESSIONAL COURSES / TRAININGS ATTENDED

1. A 6-week course on Academic Writing in English, offered by the English Language centre, Bahaudin Zakariya University. Multan (Feb.-April, 1992).
2. Certificate Course in Computer Packages at Quaid-i-Azam University Islamabad (May-July, 1994).
3. A three months training in Rafhan Maize products Co. LTD. Faisalabad, as training chemist learned to analyse in process / finished product samples using HPLC, Spectrophotometry and soxlet. (September-December 1996).
4. Postgraduate training course on Nuclear and other Advance Techniques In Agriculture and Biological Research, held at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad (October, 14-25, 2002).
5. Basic Computing Skills Development Programme, held at University of Agriculture, Faisalabad (June, 2003)
6. EU Asia Link Project Short Course on Principles of Experimental Design and Analysis offered by UAF in affiliation with University of Wales, Bangor, UK (December, 1-12-2003).
7. A six day workshop on Molecular and Biochemical Techniques, June 8-14, 2011. Department of Chemistry and Biochemistry, UAF.
8. Participation in Postgraduate training course on Nuclear and other Advance Techniques In Agriculture and Biological Research, held at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad in regard HPLC (December, 16, 2011)
9. Participated in workshop for Co-Tutors ‘‘Learning by Doing: Tools and Techniques for Working as a Team’’ held on May 2,3,6,7, 2013 organized by office of Senior Tutor, University of Agriculture, Faisalabad
10. Participated in workshop on ‘‘Grant Writing’’ held on September 12, 2014 organized by ORIC and UCDAVIS, university of California, USA, at University of Agriculture, Faisalabad
11. Participated in workshop on ‘‘Developing Industry Driven Technologies’’ held on September 27, 2014 organized by Plastic, IRP and ORIC, at University of Agriculture, Faisalabad
12. Participated in ‘‘Workshop on Climate Change-Resilient Agriculture Systems’’ held on November 30 - 4 December, 2015 organized by APO, NPO, MIP- Pak and USAID-UAF, at University of Agriculture, Faisalabad
13. Community Based Prevention, Detection and Response to All Hazards Training Program at Kuala Lumpur, Malaysia (August 15–18, 2016) organized by Center for

Agriculture and Food Security and Preparedness, UNIVERSITY OF TENNESSEE, KNOXVILLE, USA

14. X-ray Crystallography Training, 7th Nov. to 2nd Dec.2016, UAF
15. Four Day Hybrid Course Design & Development, U.S.-Pakistan Center for Advanced Studies in Agriculture & Food Security. October 18-21, 2016, University of Agriculture, Faisalabad, Pakistan.
16. Participated in 5-Days Workshop on Capacity Building and Professional Development.15-19 November 2021 at University of Agriculture, Faisalabad
17. Participated in all the online sessions of Capacity Building at University of Agriculture, Faisalabad.
18. Participated in “Hands-on Training on Soil, Water and Plant Analyses held on 29-31 August 2023” Nuclear Institute for Agriculture and Biology (NIAB), Faisalabad (Pakistan)

CONFERENCE /WORKSHOP/ SYMPOSIUM ATTENDED

1. One day workshop on “Linking biodiversity preservation and food security” held on 10-02-2011. Organized by Department of Botany, Faculty of Sciences, University of Agriculture, Faisalabad.
2. 6th International and 16th National Chemistry Conference “Quality of Life and Chemical Sciences”, Department of Chemistry, Bahauddin Zakaria University, Multan, Pakistan. April 06-08, 2006.
3. Workshop on Implementation of Biosafety Protocols, May 14th 2011, CABB, UAF.
4. One day seminar on “Trends in Environmental Biotechnology” at NIBGE, Faisalabad. April 18th 2011
5. One day workshop on “How to write a winning research proposal” held on 07-05-2011. Organized by Office of Research Innovation & Commercialization (ORIC), University of Agriculture, Faisalabad.
6. One day seminar on “Chemistry for Well Being of Mankind”. June 15, 2011. Department of Chemistry and Biochemistry, UAF.
7. Workshop on vacuum Technology, organized by Department of Physics, University of Agriculture, Faisalabad (2-3 October, 2011)
8. 10th International and 22nd National Chemistry Conference 2011(November, 21-23, 2011). University of Agriculture, Faisalabad
9. Workshop on Biodiesel Technology, Processing, Potential Feedstock, Future prospects and Challenges (Nov 5-6, 2012) at Department of Chemistry, University of Sargodha, Sargodha.
10. Two Day National Workshop on Bioclean Coal Technologies (Nov 7-8, 2012) at NIBGE, Faisalabad.
11. Two days workshop on “Promising Techniques for Industrial Effluent Treatment” (June5-6, 2012) at NIBGE, Faisalabad.
12. International Seminar on Advanced Nano-Materials, organized by Department of Physics, University of Agriculture, Faisalabad (12th June, 2012).
13. National Seminar on Nanotechnology: Opportunities and Future Prospects in Pakistan (December 6, 2012) organized by Department of Physics, Government College University, Faisalabad

14. Workshop/Training on Self-Assessment Report organized by QEC, UAF on 08-12-12
15. 1st International Conference on Global Environmental Changes, January 15-16, 2013. Organized by Department of Environmental Sciences, Government College University, Faisalabad
16. One day Seminar on “New Horizons and Recent Advances in Chemical and Biochemical Sciences” February, 14, 2013. Organized by Department of Applied Chemistry and Department of Bioinformatics and Biotechnology, Government College University, Faisalabad
17. One day symposium on “Prospects for a glorious Pakistan: Role of Emerging Technologies” December 12, 2013. Organized by Department of Bioinformatics and Biotechnology and Department of Applied Chemistry and Biochemistry, Government College University, Faisalabad
18. 1st International Conference on Applied Chemical, Biological and Agricultural Sciences. February 18-20, 2014.
19. Participated in World’s Women day , March 8 ,2014
20. International workshop on Biochar in Pakistan: opportunities and potential. March 24-27, 2014 at University of Agriculture, Faisalabad
21. Two Day Symposium on Coal Biotechnology- Its Commercialization Prospects in Pakistan. November 24-25, 2014 at NIBGE, Faisalabad.
22. Participated in “7th national seminar for capacity building of CAM practitioners” & demonstration activity of *Silymarin* extraction on 27th Feb 2015 at University of Agriculture, Faisalabad
23. Participated in International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016), Organized by Department of Biochemistry University of Agriculture Faisalabad, 22-24 February, 2016
24. Participated in workshop on “Technical and Patent Writing” held on 28th January 2017 and delivered lecture on Report Writing
25. Participated in workshop on “Research Paper Writing” held on 29th January 2017
26. Participated in 2nd Workshop on Advanced Chemical Techniques in Natural and Applied Sciences 18 -20 September 2017
27. Workshop on Advanced Spectroscopic Techniques for Characterization of Organic Compounds. 15 -16 August 2017 by High Tech Lab and ORIC, UAF
28. Participated in 2nd workshop on “Research Paper Writing” held on 29th January 2018
- 29.** Participated in An interactive session for project Managers (PMs) and Principal Investigator (PIs) & UAF- Management held on February 13, 2018 at New Senate Hall
- 30.** Participated in Two Day Training of Presiding officers & Senior Assistant Presiding officers General elections-2018 organized by Election commission of Pakistan 29-30 June 2018 at Samanabad, Faisalabad.
31. Participated in Inaugural Ceremony of one week Hands on Training 2018, October 02, 2018, Organized by ORIC and Central High Tech Lab, UAF
32. Participated in 2nd ICBBB-2018, Organized by Department of Biochemistry University of Agriculture Faisalabad, December 09-11, 2018

33. Participated in An interactive meeting to finalize the recommendations proposed by Strategic Working Group (SWAG) UAF for smooth execution of research of research projects at UAF, held on December 18, 2018 Organized by ORIC, UAF
34. Participated in International Symposium on Technologies and Materials for Renewable Energy, Environment and Sustainability" on February 6-7, 2019, Organized by Department of Chemistry, University of Agriculture Faisalabad
35. Participated in Ist International Conference on Surface Science, Innovations and Applications for Geoenvironmental Challenges, 25-26 April, 2019 organized by Institute of Soil and Environmental Sciences, UAF at CAS, UAF
36. Participated in One Day Symposium on Nanomedicine: Current Scenario and future Perspectives., August 06, 2019 organized by Institute of Pharmacy, Physiology & Pharmacocology, UAF at CAS, UAF
37. Participated in Two Day Symposium on "Multidisciplinary Approach Towards Computational Chemistry", September 25-26, 2019, organized by Department of Chemistry, Government College Women University, Faisalabad
38. Participated in a seminar on "Slow Pace of Agricultural Biotechnology Adaptability: The Analysis and Way Forward" organized by University of Agriculture, Faisalabad. In collaboration with Pakistan Biotechnology Information Centre (PABIC) and International Centre for Chemical and Biological Sciences (ICCBS), Karachi. 10 October, 2019.
39. Participated in Two Days Hands on –Training on "Advanced Water Quality /Conservation Technologies" organized Department of Chemistry, Government College Women University, Faisalabad.23- 24 October, 2019
40. Participated in an interactive session with Experts, Scientists and Stakeholders in celebrating 25 years of Excellence of NIBGE, Faisalabad, on 14-11-2019
41. Participated in 1st International One Day Symposium On "Recent Trends in Development of Chemotherapeutics" 26th November 2019, Department of Chemistry, Government College University, Faisalabad.
42. Participated in an Interactive Session with Representatives of National Incubation Centre Pakistan at ORIC, UAF 31 January 2020
43. Participated in 4th Annual Symposium on Research, Scientific and Technical (RSCITECH-2020) Writing.27-28th February 2020, Department of Chemistry, UAF
44. Participated in the one workshop on the "discovering the innovative progression in catalysis". 20th December, 2021. Department of Chemistry, UAF
45. Convener Hall Management Committee in International Conference of Chemistry, Materials and Technology (CMT-2023) (March, 15-16, 2023)
46. Participated in Seminar on "Women in Nuclear Science and Technology" NIBGE, Faisalabad. 1st August 2022
47. Participated in 1st International Seminar on "DFT:A multifunctional Exploration(DFT-ME)" on July 23, 2024, Organized by Department of Chemistry, University of Agriculture Faisalabad
48. Participated in International Conference on Functional Materials and Emerging Technologies: integrating materials science to community needs. November, 25-26, 2024, Organized by Department of Chemistry, University of Agriculture Faisalabad

49. Participated in 1st International and 4th National training workshop on “plant based Drug discovery; bridging in silico and lab approaches” February 21-13, 2025. Organized by Department of Biochemistry, University of Agriculture Faisalabad
50. Participated in one day seminar on “Job seeking: preparing for success” 28th February, 2025, Organized by Department of Chemistry, University of Agriculture Faisalabad

ADDITIONAL PROFESSIONAL ACTIVITIES

1. Co-Advisor, Chemical Society of Department of Chemistry and Biochemistry, UAF since September 6, 2011- 14-08-2014 and programmed the followings:
 - Organized a Cultural Night on 21st November, 2011 in 10th International and 22nd National Chemistry Conference 2011
 - Organized an Annual Function of Department, 2011 on 21st December, 2012, 23rd November, 2013 in Iqbal Auditorium
 - Organized a Cultural Show on 24th February, 2014 in International Conference of Biochemical and Chemical Sciences (ICBCS-2014) in Iqbal Auditorium
2. Secretary Board of Studies, Department of Chemistry and Biochemistry, UAF since January 2013-14-08-2014
3. Secretary Staff Meetings, Department of Chemistry, UAF since 15-08-2014- to 03-09-2015
4. Incharge Analytical Chemistry Laboratory, Department of Chemistry, University of Agriculture Faisalabad.
5. Member of the conference management team of Department of Biochemistry, UAF to organize ICBBB-2016 (February, 22-24, 2016)
6. Advisor PhD. Scholars, Department of Chemistry, UAF since 03-11-2016 to 10-11-2017
7. Advisor M.Sc. Female students, Department of Chemistry, UAF since 24-10-2017 to date
8. Co-Tutor, Maulana Hassarat Mohani –I Tutorial Group, University of Agriculture, Faisalabad, Since 29-09-2012 to 14-04-2016
9. Tutor, Maulana Hassarat Mohani –I Tutorial Group, University of Agriculture, Faisalabad, Since 15-04-2016 to to-date
10. Member of Sub – Committee on unfair means in the examinations for a period of two years w.e.f. 01-01-2019
11. Member Faculty Board, Faculty of Sciences, University of Agriculture, Faisalabad for three years w.e.f. 01-01-2020.
12. Paper Setter and examiner of PhD comprehensive students, University of Agriculture, Faisalabad
13. External Paper Setter and Examiner of Bahaudin Zakriya University, Multan
14. External Examiner of Islamia University Bahawalpur, Bahawalpur
15. External Examiner of Government College University, Faisalabad
16. External Examiner of NIBGE, Faisalabad
17. External Examiner of Government College Women University, Madina Town, Faisalabad
18. External Examiner of Government College University, Sargodha
19. External Examiner of University of Gujrat, Gujrat
20. Paper Setter Sindh Public Service Commission and set paper for the Post of Technical Inspector (Bps-17)(Male) in Labour & Human Resources Department, Government of Sindh. 2018

21. Member of organizing committee Annual Dinner – 15th March 2018 in Iqbal Auditorium
22. Participated as member Committee-A in Hostel Cleanliness Competition on 23rd March 2018 in connection with Pakistan Day Celebrations organized by Hall Warden Office, UAF
23. Member of the Scientific Committee in 2nd International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2018), December 09-11, 2018, Organized by Department of Biochemistry, University of Agriculture Faisalabad
24. Member of the Scientific Session Committee Track-II in 2nd International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2018), December 09-11, 2018 Organized by Department of Biochemistry, University of Agriculture Faisalabad
25. Member of the Scientific Committee in International Symposium on Technologies and Materials for Renewable Energy, Environment and Sustainability" on February 6-7, 2019, Organized by Department of Chemistry, University of Agriculture Faisalabad
26. Convener Hall Management Committee in International Symposium on Technologies and Materials for Renewable Energy, Environment and Sustainability" on February 6-7, 2019, Organized by Department of Chemistry, University of Agriculture, Faisalabad
27. Act as Rapporteurs of the Session "Organizational Ethics" in 5-Days Workshop on Capacity Building and Professional Development. 15-19 November 2021.
28. Organizer in the one workshop on the "discovering the innovative progression in catalysis". 20th December, 2021.
30. Participated as member Committee-B in Hostel Maintenance/Cleanliness Competition on 23rd March 2022 in connection with Pakistan Day Celebrations organized by Hall Warden Office, UAF
31. Participated in wheat campaign held on 28-10-2022 to 6-11-2022. During the activity visited various villages of Dijkot and interacted farmers.
32. Co-Organizer in "The one Day Workshop on helping people to develop safe and sustainable water for use" for sharing outputs of the Endowment Fund Secretariat (EFS) project entitled "Solar Powered Electrocoagulation Based Systems for Providing Purified Water". 23rd December 2022.
33. Convener Hall Management Committee in International Conference of Chemistry, Materials and Technology (CMT-2023) (March, 15-16, 2023)
34. Nominated for physical monitoring, maintenance/cleanliness of chemistry department, UAF since 28-09-2023
35. Member of the Scientific Committee in 1st International Seminar on "DFT:A multifunctional Exploration(DFT-ME)" on July 23, 2024, Organized by Department of Chemistry, University of Agriculture Faisalabad
36. Convener Hall Management Committee in International Conference on Functional Materials and Emerging Technologies: integrating materials science to community needs. November, 25-26, 2024, Organized by Department of Chemistry, University of Agriculture Faisalabad
37. Monitoring and supervision of overall staff working since 22-04-2025

RESEARCH PROJECTS

On-Going

As P.I.

1. Design and Development of Biosorbent Technology for Removal of Heavy Metals from Industrial Effluents using Waste Derived Biomaterials (TDF, HEC Pakistan, Amount: **(13.87 million)**)

As Co P.I.

2. Solar powered electrocoagulation based systems for providing purified water. (Funding Agency: EFS, UAF, Amount **1.07 Millions**).

Completed

As P.I.

1. Low Cost Agrowaste Biosorbent Technology for Removal of Heavy Metals from contaminated water (EFS, UAF, Amount **0.6 million**.)

As Co P.I.

1. Phytotherapy: An Easy and Economic Way to Cure the Gastro-Intestinal Parasites in Sheep (Funding Agency: HEC Pakistan, Amount: **2.1 Millions**)

INTERNATIONAL REVIEWER

- Journal of Hazardous Materials
- Chemical Engineering Journal
- Bioresource Technology
- Industrial and Engineering Chemistry Research
- Journal of Environmental Management
- Reviewer HEC, Pakistan, reviewed 3 –TDF Projects

RESOURCE PERSON

- In 1st and 2nd Research Orientation Program of university held on June 15-30, and September 21-October 6, 2004 at University of Agriculture, Faisalabad.
- In HEC Workshop on "Imparting Practical Training in Biochemical Techniques" held on February 27-March 4, 2006.
- In Golden jubilee celebrations, Chemistry and Biochemistry Week, workshop on "Imparting Practical Training in Molecular and Biochemical Techniques" held on June 08-14, 2011, in form of lecture and imparting practical training on Atomic Absorption Spectrophotometry.
- Resource Person and Member Organizing Committee in the "HEC Workshop on Imparting Practical Training in Molecular and Biochemical Techniques" held on November 27-December 1, 2012.
- Resource Person for conducting workshop on "Technical and Patent Writing" held on 28th January 2017 and delivered lecture on Report Writing
- Resource Person in the "2nd Workshop on Advanced Chemical Techniques" held on November 18-20 September, 2017 and delivered lecture on "Atomic Spectroscopy".
- Resource Person in 2nd workshop on "Research Paper Writing" held on 29th January 2018 and delivered lecture on "Report Writing"
- Invited speaker in Applied Chemistry Department, Government College University, Faisalabad and delivered lecture on "Recent Trends in Atomic Spectroscopy" in one day conference on emerging role of Applied Chemical Sciences in Current Scenario. 15th March 2019.

- Resource Person in 4th Annual Symposium on Research, Scientific & Technical (RSciTech-2020) Writing 27-28th February 2020, Department of Chemistry, UAF and delivered lecture on “Writing a Case Study Analysis and Technical Report”
- Resource Person in 5th National and 1st International symposium on ‘writing Science and leveraging Scientific Research (WSLSR-2022)’ 2-3 March 2022 Department of Chemistry, UAF and delivered lecture on technical writings and presentation skills.

MEMBERSHIP

- Life member, Chemical Society of Pakistan
- Member, Board of Studies (Chemistry and Biochemistry), UAF
- Member, Board of Studies, Department of Chemistry, UAF
- Member Chemical Society, University of Agriculture, Faisalabad

EXPERIENCE & EXPERTISE

Worked as senior Chemistry teacher in Faisalabad Grammar school, Faisalabad, since August 2000 to February 2001. Worked as teacher on per lecture basis and Lecturer at Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad, Pakistan since February 2001 to 10 October 2009. Worked as Assistant Professor for thirteen years in Chemistry Department UAF. Currently working as Associate Professor. About Twenty three years Teaching/Research experience in the field of Inorganic/Analytical Chemistry. Research Interests include Development of Agrowastes based Biosorbent/Bioresins Technology for Removal of Heavy Metals from Contaminated Water. Health risks of heavy metals in contaminated soils and food crops irrigated with wastewater and fresh water aquifers. Development of Cellulose Nano Crystals, Modified/Bare Fe-nanoparticles, Biochar and green composites using Agrowastes and Inorganic Materials for the Remediation of Inorganic/Organic/Pharmaceutical pollutants. Physiochemical and Biochemical Characterization of Indigenous Medicinal Plants for the evolution of chemical imaging. Water Quality Parameters estimation. Extensive experience of working on UV Visible Single Beam/Double Beam Spectrophotometers, Atomic Absorption Spectrophotometer, Elemental Analyser (CHNS/O), Fourier Transform Infrared Spectrophotometer, Flame Photometer and Chromatographic techniques. Well conversant with computer applications like Microsoft Word, Excel, Power Point and Slide write etc.

HOBBIES

Cooking, Hiking, Photography

PUBLICATIONS:

(a) PAPERS PUBLISHED IN REFEREED INTERNATIONAL JOURNALS HAVING IMPACT FACTOR

1. Muhammad Asif Hanif, **Raziya Nadeem**, Haq Nawaz Bhatti, Najum Rashid Ahmad and Tariq Mehmood Ansari. 2007. Ni (II) biosorption by *Cassia fistula* (Golden Shower) Biomass. Journal of Hazardous Materials, 139: 345-355. (Impact Factor **14.224**).
2. Muhammad Asif Hanif, **Raziya Nadeem**, Muhammad Nadeem Zafar, Kalsoom Akthar and Haq Nawaz Bhatti. 2007. Kinetic studies for Ni (II) biosorption from industrial wastewater by *Cassia fistula* (Golden Shower) biomass. Journal of Hazardous Materials, 145: 501-505. (Impact Factor **14.224**).

3. Haq Nawaz Bhatti, Beenish Mumtaz, Muhammad Asif Hanif, **Raziya Nadeem**. 2007. Removal of Zn (II) ions from aqueous solution using *Moringa oleifera* Lam. (horseradish tree) biomass. Process Biochemistry, 42: 547-553. (Impact Factor **4.885**).
4. Muhammad Nadeem Zafar, **Raziya Nadeem** and Muhammad Asif Hanif. 2007. Biosorption of nickel from protonated rice bran. Journal of Hazardous Materials, 143: 478-485. (Impact Factor **14.224**).
5. Mubashir Hussain Nasir, **Raziya Nadeem**, Kalsoom Akhtar, Muhammad Asif Hanif and Ahmad M. Khaild. 2007. Efficacy of modified distillation sludge of rose (*Rosa centifolia*) petals for lead (II) and Zn (II) removal from aqueous solutions. Journal of Hazardous Materials, 147: 1006-1014. (Impact Factor **14.224**).
6. Muhammad Asif Hanif, Haq Nawaz Bhatti, **Raziya Nadeem**, Khalid Mahmood Zia and Muhammad Asif Ali. 2007. *Cassia fistula* (Golden Shower): A Multipurpose Ornamental Tree. Floriculture and Ornamental Biotechnology, 1(1): 21-26. (Invited mini-review) (Impact Factor **0.491**).
7. Muhammad Abdullah Javed, Haq Nawaz Bhatti, Muhammad Asif Hanif and **Raziya Nadeem**. 2007. Kinetic and equilibrium modeling of Pb (II) and Co (II) sorption onto rose waste biomass. Separation Science and Technology, 42(16): 3641-3656. (Impact Factor **2.799**).
8. **Raziya Nadeem**, Muhammad Asif Hanif, Abid Hussain, Muhammad Asif Ali and Tariq Mahmood Ansari. 2007. Biosorption of Pb (II) by local gram (*Cicer arietinum*) cultivar biomass. Journal of Chemical Society of Pakistan, 29(5): 446-452. (Impact Factor **0.698**).
9. Waseem Mumtaz, Hamid Mukhtar, Farooq Anwar and **Raziya Nadeem**. 2007. Extraction and Characterization of Essential Oil of *Rosa gruss-an-teplitz*. Asian Journal of Chemistry, 19(2): 949-953. (Impact Factor **0.54**).
10. Saddaqt Ali, **Raziya Nadeem**, Haq Nawaz Bhatti, Shaukat Hayat, Shahzad Ali Shahid Chatha and Majid Munir. 2007. Analyses and treatment of textile effluents. International Journal of Agriculture & Biology, 8(5): 641-644. (Impact Factor **0.81**).
11. **Raziya Nadeem**, Muhammad Asif Hanif, Fatima Shaheen, Shahnaz Perveen, Muhammad Nadeem Zafar and Tahira Iqbal. 2008. Physical and chemical modification of distillery sludge for Pb (II) biosorption. Journal of Hazardous Materials, 150: 335-342. (Impact Factor **14.224**).
12. Mazhar Abbas, **Raziya Nadeem**, Muhammad Nadeem Zafar, Mamoon Arshad. 2008. Biosorption of Chromium (III) and Chromium (VI) by untreated and pretreated *Cassia fistula* Biomass from aqueous solutions. Water Air and Soil Pollution, 191: 139-148. (Impact Factor **2.984**).
13. Mamoon Arshad, Muhammad Nadeem Zafar, Sadaf Younis, **Raziya Nadeem**. 2008. The use of Neem biomass for the biosorption of zinc from aqueous solutions. Journal of Hazardous Materials, 157(2-3): 534-540. (Impact Factor **14.224**).
14. **Raziya Nadeem**, Tariq Mahmood Ansari, Ahmad Mukhtar Khalid. 2008. Fourier Transform Infrared Spectroscopic characterization and optimization of Pb (II) biosorption by fish (*Labeo rohita*) scales. Journal of Hazardous Materials, 156: 64-73. (Impact Factor **14.224**).
15. Iftikhar Ahmad, Muhammad Asif Hanif, **Raziya Nadeem**, Muhammad Salman

- Jamil and Muhammad Shahzad Zafar. 2008. Nutritive evaluation of medicinal plants being used as condiments in South Asian Region. Journal of Chemical Society of Pakistan, 30(3): 400-405. (Impact Factor **0.68**).
16. Muhammad Asif Hanif, **Raziya Nadeem**, Muhammad Nadeem Zafar, Haq Nawaz Bhatti and Rakhshanda Nawaz. 2008. Physico-chemical treatment of textile wastewater using natural coagulant *Cassia fistula* (Golden Shower) pods biomass. Journal of Chemical Society of Pakistan, 30(3): 385-393. (Impact Factor **0.68**).
 17. Muhammad Riaz, **Raziya Nadeem**, Muhammad Asif Hanif, Tariq Mahmood Ansari, Khalil-ur-Rehman. 2009. Pb (II) biosorption from hazardous aqueous streams using *Gossypium hirsutum* (Cotton) waste biomass. Journal of Hazardous Materials, 161(1): 88-94. (Impact Factor **14.224**).
 18. Abdul Rauf, Haq Nawaz Bhatti, Muhammad Asif Hanif, **Raziya Nadeem**. 2009. Kinetic and thermodynamic aspects of Cu (II) and Cr (III) removal from aqueous solutions using rose waste biomass. Journal of Hazardous Materials, 161(2-3): 941-947. (Impact Factor **14.224**).
 19. Muhammad Nadeem Zafar, Imran Abbas, **Raziya Nadeem**, Munir Ahmad Sheikh, Muhammad Afzal Ghauri. 2009. Removal of Nickel onto Alkali Treated Rice Bran. Water Air Soil Pollution, 197: 361-370. (Impact Factor **2.984**).
 20. **Raziya Nadeem**, Mubashir Hussain Nasir and Muhammad Sajjad Hanif. 2009. Pb (II) sorption by acidically modified *Cicer arietinum* biomass. Chemical Engineering Journal, 150: 40-48. (Impact Factor **16.744**).
 21. Tariq Mahmood Ansari, Khuala Umbreen, **Raziya Nadeem** and Muhammad Asif Hanif. 2009. *Polypogon monspeliensis* waste biomass: a potential biosorbent for Cd (II). African Journal of Biotechnology, 8: 1136-1142. (Impact Factor **0.57**).
 22. **Raziya Nadeem**, Tariq Mehmood Ansari, Kalsoom Akhter and Ahmad Mukhtar Khalid. 2009. Pb (II) sorption by *Pongamia pinnata* pods carbon (PPPC). Chemical Engineering Journal, 152: 54-63. (Impact Factor **16.744**).
 23. **Raziya Nadeem**, Asif Hanif, Abid Mehmood, Salman Jamil, Muhammad Ashraf. 2009. Biosorption of Cu (II) ions from aqueous effluents by black gram bran (BGB). Journal of Hazardous Materials, 168: 1622-1625. (Impact Factor **14.224**).
 24. Khalid Shabbir, **Raziya Nadeem**, Hamid Mukhtar, Farooq Anwar and Waseem Mumtaz. 2009. Physico-chemical analysis and determination of various chemical constituents of essential oil in *Rosa centifolia*. Pakistan Journal of Botany, 41(2): 615-620. (Impact Factor **1.1**).
 25. Muhammad Salman Jamil, **Raziya Nadeem**, Muhammad Asif Hanif, Muhammad Asif Ali, Kalsoom Akhtar. 2010. Proximate composition and mineral profile of eight different unstudied date (*Phoenix dactylifera* L.) varieties from Pakistan. African Journal of Biotechnology, 9(22): 3252-3259. (Impact Factor **0.44**).
 26. **Raziya Nadeem**, Muhammad Asif Hanif, Muhammad Riaz, Abdul Aziz Azhar, Tahira Iqbal and Tariq Mahmood Ansari. 2010. Kinetic and equilibrium modeling of Cu (II) and Ni (II) sorption onto physically pretreated *Rosa centifolia* distillation waste biomass. African Journal of Biotechnology, 9(53): 9051-9062. (Impact Factor **0.44**).
 27. Tariq Mahmood Ansari, Muhammad Asif Hanif, Abida Mahmood, Uzma Ijaz, Muhammad Aslam Khan, **Raziya Nadeem**, Muhammad Ali. 2011. Immobilization of Rose Waste Biomass for Uptake of Pb (II) from Aqueous Solutions.

- Biotechnology Research International, 2011: 1-10. Article ID 685023, doi:10.4061/2011/685023 (Impact Factor **0.7658**)
28. Rashid Saeed, Ayesha Sattar, Zafar Iqbal, Muhammad Imran, **Raziya Nadeem**. 2012. Environmental impact assessment (EIA): an overlooked instrument for sustainable development in Pakistan. Environ. Monit. Assess, 184(4): 1909-1919. DOI 10.1007/s10661-011-2088-5 (Impact Factor **3.307**)
 29. Muhammad Idrees Jilani, Muhammad Ishfaq Ahmad, Rashid Hanif, **Raziya Nadeem**, Muhammad Asif Hanif, Muhammad Aslam Khan, Iftikhar Ahmad and Tahira Iqbal. 2012. Proximate analysis and mineral profile of three elite cultivars of *Rosa hybrida* flowers. Pakistan Journal of Botany, 44(5): 1711-1714. (Impact Factor **1.1**).
 30. Ijaz Ahmad Bhatti, Shahid Adeel, **Raziya Nadeem**, Toheed Asghar. 2012. Improvement of colour strength and colour fastness properties of gamma irradiated cotton using reactive black-5. Radiation Physics and Chemistry, 81: 264-266. (Impact Factor **2.776**).
 31. S.Raziq, F.Anwar, Z.Mahmood, S.A.Shahid and **R.Nadeem**. 2012. Characterization of seed oils from different varieties of watermelon [*Citrullus lanatus* (thunb.)] from Pakistan. Grasas Y Aceites., 63(4): 365-372. (Impact Factor **1.416**).
 32. Muhammad Nadeem Zafar, Azra Parveen, **Raziya Nadeem**. 2013. A Pretreated Green Biosorbent Based On Neem Leaves Biomass for the Removal of Lead from Wastewater. Desalination and Water Treatment, 51: 4459-4466. (Impact Factor **1.273**).
 33. Muhammad Riaz, **Raziya Nadeem**, Muhammad Asif Hanif, Nasir Rasool, Rashid Saeed, Muhammad Idrees Jilani, Tahira Iqbal, Muddassar Zafar. 2013. Kinetic and Equilibrium Modeling of Lead (II) Sorption onto Chemically Pretreated *Gossypium hirsutum* (Cotton) Leaves Waste Biomass. Asian Journal of Chemistry, 25(2): 1111-1116. (Impact Factor **0.336**)
 34. Shakeel Ahmad Khan, Nasir Rasool, Muhammad Riaz, **Raziya Nadeem**, Umer Rashid, Komal Rizwan, Muhammad Zubair, Iftikhar Hussain Bukhari. 2013. Evaluation of Antioxidant and Cytotoxicity Studies of *Clerodendrum inerme*. Asian Journal of Chemistry, 25(13): 7457-7462. (Impact Factor **0.336**)
 35. Qaisar Manzoor, **Raziya Nadeem**, Munawar Iqbal, Rashid Saeed, Tariq Mehmood Ansari. 2013. Organic acids pre-treatment effect on *Rosa bourbonia* phyto-biomass for removal of Pb (II) and Cu (II) from aqueous media. Bioresource Technology, 132: 446-452. (Impact Factor **11.889**)
 36. Tehseen Fatima, **Raziya Nadeem**, Atifa Masood, Rashid Saeed, Muhammad Ashraf. 2013. Sorption of Pb (II) by chemically modified rice bran. International Journal of Environmental Science and Technology, 10: 1255-1264. DOI 10.1007/s13762-013-0228-x. (Impact Factor **3.519**).
 37. Ihsan Ullah, **Raziya Nadeem**, Munawar Iqbal, Qaisar Manzoor. 2013. Biosorption of chromium onto native and immobilized sugarcane bagasse waste biomass. Ecological Engineering, 60: 99-107. (Impact Factor **4.379**).
 38. Maryam Yousaf, **Raziya Nadeem**, Tahir Zahoor, Muzna Saeed, Muhammad Abid Rashid, Rashid Saeed, Ahmad Mukhtar Khalid. 2013. Fourier Transform Infrared (FTIR) analysis of *Trapa bispinosa*: A novel adsorbent for the confiscation of Cu (II) from aqueous solution in chemically treated form. Journal of the Chemical Society of Pakistan. 35(6): 1472-1480. (Impact Factor **0.698**).

39. Hazafa Zafar, **Raziya Nadeem**, Rohama Gill, Rashid Saeed, Tahira Iqbal, Kalsoom Akhter. 2014. Exclusion of Zn (II) from Aqueous Solution Using Corncob (*Zea mays* stalk) after Chemical Modifications with Inorganic Acids and Bases. *Desalination and Water Treatment*. 52(28-30): 5605-5610. doi: 10.1080/19443994.2013.807472. (Impact Factor **1.273**).
40. Amna Iqbal, Farooq Anwar, **Raziya Nadeem**, Bushra Sultana and Muhammad Mushtaq. 2014. Proximate Composition and Minerals Profile of Fruit and Flower of Karir (*Capparis decidua*) from Different Regions of Punjab (Pakistan). *Asian Journal of Chemistry*, 26(13): 360-364. (Impact Factor **0.54**).
41. **Raziya Nadeem**, Muhammad Nadeem Zafar, Aisha Afzal, Muhammad Asif Hanif, Rashid Saeed. 2014. Potential of NaOH pretreated *Mangifera indica* waste biomass for the mitigation of Ni (II) and Co (II) from aqueous solutions. *Journal of the Taiwan Institute of chemical Engineers*, 45: 967-972. (Impact Factor **5.477**).
42. Asid Majeed, Muhammad Idrees Jilani, **Raziya Nadeem**, Muhammad Asif Hanif, and Tariq Mahmood Ansari. 2014. Adsorption of Pb (II) using novel *Pleurotus sajor-caju* and sunflower hybrid biosorbent. *Environment Protection Engineering*, 40(2): 5-15. (Impact Factor **0.887**).
43. A.Ashraf, **R. Nadeem**, S. Sharif, T. M. Ansari, H. Munir, A. Mahmood. 2015. Study of hybrid immobilized biomass of *Pleurotus sajor-caju* and *Jasminum sambac* for sorption of heavy metals. *International Journal of Environmental Science and Technology*, 12(2): 717- 724. (Impact Factor **3.519**).
44. Muzna Saeed, **Raziya Nadeem**, Maryam Yousaf. 2015. Removal of industrial pollutant (reactive orange 122 dye) using environment friendly sorbent *Trapa bispinosa*' Peel and Fruit. *International Journal of Environmental Science and Technology*, 12(4): 1223-1234. (Impact Factor **3.519**).
45. Muhammad Nadeem Zafar, Iqra Aslam, **Raziya Nadeem**, Shahida Munir, Usman Ali Rana, Salah-Ud-Din Khan. 2015. Characterization of chemically modified biosorbents from rice bran for Biosorption of Ni (II). *Journal of the Taiwan Institute of chemical Engineers*, 46: 82-88(2015). (Impact Factor **5.477**).
46. Rohama Gill, Sadia Batool, Shahid Saeed Qureshi, **Raziya Khalid**. 2015. Nanofabrication of Block Copolymers of PDMS/Polyamide having Trichlorogermlyl Pendant Using LbL Technique. *Journal of the Chemical Society of Pakistan*, 37(03): 468-473. (Impact Factor **0.698**).
47. Muhammad Adnan Younis, **Raziya Nadeem**, Asma Rehman, Munawar Iqbal, Muhammad Rizwan Younis, Qaiser Manzoor. 2015. Ag (I), Cr (VI) and Pb (II) adsorption from aqueous media onto different adsorbent type. *Asian Journal of Chemistry*, 27(9): 3308-3314. (Impact Factor **0.54**).
48. **Raziya Nadeem**, Maida Ali Naqvi, Mubashir Hussain Nasir, Rashid Saeed, Tahira Iqbal, Muhammad Ashraf, Tariq Mehmood Ansari. 2015. Efficacy of physically pretreated *Mangifera indica* biomass for Cu²⁺ and Zn²⁺ sequestration. *Journal of Saudi Chemical Society*, 19: 23-35. (Impact Factor **4.712**).
49. Muhammad Idrees Jilani, **Raziya Nadeem**, Muhammad Asif Hanif, Tariq Mahmood Ansari and Asid Majeed. 2015. Utilization of immobilized distillation

- sludges for bioremoval of Pb (II) and Zn (II) from hazardous aqueous streams. *Desalination and Water Treatment*, 55(1): 163-172. (Impact Factor **1.273**).
50. Tariq Mahmood Ansari, Muhammad Asif Hanif, Tahira Rasool, Muhammad Ali, **Raziya Nadeem** and Muhammad Yaseen. 2016. Reclamation of wastewater containing Cu (II) using alginate *Mentha spicata* biomass. *Desalination and Water Treatment*, 57(23): 10700-10709. (Impact Factor **1.273**).
 51. **Raziya Nadeem**, Qaisar Manzoor, Munawar Iqbal and Jan Nisar. 2016. Biosorption of Pb (II) onto immobilized and native *Mangifera indica* waste biomass. *Journal of Industrial and Engineering Chemistry*, 35: 185-194. (Impact Factor **6.76**).
 52. **Raziya Nadeem**, Irem Shazadi, Muhammad Asif Hanif, Sumaira Mumtaz , Muhammad Idrees Jilani, Muhammad Adnan Younis. 2016. Bioactivities and Chemical Profiling of *Livistonsa chinensis* oleoresin. *Oxidation Communications*, 39(3-I): 2237-2248. (Impact Factor **0.54**).
 53. **Raziya Nadeem**, Sumaira Mumtaz, Muhammad Asif Hanif, Irem Shazadi, Muhammad Idrees Jilani. 2016. Biochemical Characterization of oleoresin of *Eucalyptus citrodora*. *Oxidation Communications*, 39(4-I): 3065-3078. (Impact Factor **0.54**).
 54. **Raziya Nadeem**, Mahak Naeem, Hazafa Zafar, Rohama Gill, Ghazala Yasmean and Qaiser Mehmood Khan. 2017. Production of Physically and Chemically Modified Biomass of Corncob and Its Applications for the Subtraction of Co (II) from Metal Solutions; Optimum Conditions Determination. *Desalination and Water Treatment*, 71: 321-326. (Impact Factor **1.273**).
 55. Muhammad Abid Rashid , Aisha Ashraf , Sadia Nazir , Shahzad Nazir , **Raziya Nadeem**, Javed Iqbal , Sidra Jabbar , Amir Ahmed , Rasool Bakhsh Tareen. 2017. Chemical composition and biological (antioxidant, antimicrobial and haemolytic) activities of essential oils of an endemic plant (*Thymus linearis* subsp. *hedgii* Jalas). *Romanian Biotechnological Letters*, 22(3): 12560-12567. (Impact Factor **0.765**).
 56. Maria Batool, QuratulAin Nadeem, Rohama Gill and **Raziya Nadeem**. 2018. Design and fabrication of electro-conductive polymer nanocomposites with mechanical and thermal resistance. *Polymer International*, 47(43): 1-10. (Impact Factor **3.061**).
 57. Qurat- ul ain, R. A. sarafraz, **R. Nadeem** and A. Jamil. 2018. Assessment of antimicrobial activity of phyto-fabricated silver particles. *Bioinspired, Biomimetic and Nanobiomaterial*, 79(3): 141-148. (Impact Factor **1.732**).
 58. Muhammad Nadeem Zafar, Muzna Saeed, **Raziya Nadeem**, Sajjad Hussain Sumra, Syed Salman Shafqat. 2019. Chemical pretreatments of *Trapa bispinosa*'s peel (TBP) biosorbent to enhance adsorption capacity for Pb (II). *Open Chemistry*, 17: 325-336. (Impact Factor **1.977**).
 59. Muddasra Rubab, Muhammad Nadeem Akhtar, Wiktor Zierkiewicz, Mariusz Michalczyk, **Raziya Nadeem**, Muhammad Shahid, Muhammad Nawaz Tahir, Muhammad Akram, Muhammad Asif Hanif,

- Murad A. Al Damen. The role of hydrogen bonding in $\pi \cdots \pi$ stacking interactions in Ni (II) complex derived from tri ethanolamine: synthesis, crystal structure, antimicrobial, and DFT studies. *Research on Chemical Intermediates* (2019) 45:5649–5664 (Impact Factor **3.143**)
60. Rabia Naveed , **Raziya Nadeem** , Muhammad Asghar , Sajjad Ur Rahman , Ahsan Naveed, Shaukat Ali , Tahira Iqbal, Rohama Gill , Tariq Mahmood Ansari , Shazia Anjum , Rashid Saeed. *Ziziphus mauritiana* mediated synthesis of copper and nickel nanoparticles for comparative efficacy in biological water purification. *Nanochemistry Research* 4(1): 77-85, Winter and Spring 2019 (Impact Factor **2.271**).
 61. Muhammad Sohail, Muhammad Zeshan Ashraf, **Raziya Nadeem**, Shamsa Bibi, Rabia Rehman, Amanullah and Muhammad Adnan Iqbal. Techniques in the synthesis of organometallic compounds of tungsten. *Reviews in Inorganic Chemistry*. (2019):1-45 (Impact Factor **2.905**).
 62. S. Ahmad , M. S. Sajid , M. K. Khan , R. Nadeem , H. M. Rizwan, M. A. Malik and F. Yosuf. Effect of trace element supplementation on the gastrointestinal parasites of grazing sheep. *The Journal of Animal & Plant Sciences*, 30(1): 2020, Page: 72-80 (ISSN: 1018-7081). (Impact Factor **0.57**).
 63. Shamsa Bibi, Mehwish Khan, Shafiq ur-Rehman, Muhammad Yaseen, Shabbir Muhammad, Raziya Nadeem, Nazish Jahan , Saima Noreen, Misbah. 2021. Investigation analysis of optoelectronic and structural properties of Cis- and Trans-structures of Azo dyes; DFT study. *Journal of Physical Organic Chemistry* 34(6) (Impact Factor **2.155**).
 64. Shazia Perveen, **Raziya Nadeem**, Shaukat Ali and Yasir Jamil. Biochar caged Zirconium Ferrite nanocomposites for the adsorptive removal of Reactive Blue 19 dye in a batch and column reactors and conditions optimization. *International Journal of Research in Physical Chemistry and Chemical Physics*. 2021; 235(12): 1721–1745 (Impact Factor **4.315**)
 65. Mona Zulfikar, **Raziya Nadeem**, Tariq Javed, Muhammad Idrees Jilani and Iram Javed. “Green synthesis of Fe nanoparticles by using *Mangifera indica* extract and its application in photocatalytic degradation of dyes”. *Water science and technology journal* (2021) 83 (7): 1739–1752. (Impact Factor **2.43**)
 66. Hafiz Muhammad Rizwan, Muhammad Sohail Sajid, Zafar Iqbal, **Raziya Nadeem**, Mansoor Ahmad, Masood Sultan, Muhammad Saqib, Haider Abbas, Asim Shamim, Abdul Qudoos and George FW Haenlein. Correlation of the Gastrointestinal Parasitism with the Phytominerals in the Grazing Sheep (*Ovis aries*). *International Journal of Agriculture & Biology*. (2021) 26(1): 60-68 (Impact Factor **0.81**) ISSN Print: 1560–8530; ISSN Online: 1814–9596
 67. Shazia Perveen, **Raziya Nadeem**, Munawar Iqbal, Shamsa Bibi, Rohama Gill, Rashid Saeed, Saima Naureen, Kalsoom Akhter, Tariq Mahmood Ansari, Nada Alfryyan. Graphene oxide and Fe₃O₄ composite synthesis, characterization and adsorption efficiency evaluation for NO₃⁻ and PO₄³⁻ ions in aqueous medium. *Journal of Molecular Liquids*. 2021. [Volume 339](#), 116746 (Impact Factor **6.633**).
 68. Sumaira Mumtaz, **Raziya Nadeem**, Raja Adil Sarfraz, and Muhammad Shahid. “Synthesis, characterization, and evaluation of antimicrobial and

- antioxidant potential of *Polyalthia longifolia* mediated copper nanoparticles”. Journal of Nano Research.2021.Vol 68:35-51 (Impact Factor **2.929**)
69. Shazia Yousaf, Muhammad Asif Hanif, **Raziya Nadeem**, Umer Rashid, Muhammad Waqar Azeem, Muhammad Zubair, Numrah Nisar, Fahad Alharthi, Bryan Moser. A novel route of mixed catalysis for production fatty acid methyl esters from potential seed oils sources. Catalysts.2021 11(7), 811. (Impact Factor **4.501**)
 70. Saima Noreen, Marrium Tahira , Madiha Ghamkhar , Iram Hafiz ,Haq Nawaz Bhatti, **Raziya Nadeem**, Mian Anjum Murtaza ,Muhammad Yaseen , Aftab Ahmad Sheikh, Zubera Naseem ,Fazila Younas. Treatment of textile wastewater containing acid dye using novel polymeric graphene oxide nanocomposites (GO/PAN,GO/PPy, GO/PSty).Journal of materials research and technology. (Impact Factor **6.267**). Volume 14, 2021, Pages 25-35
 71. Muhammad Arslan Afzal, Raziya Nadeem, Tariq Javed, Muhammad Idrees Jilani and Iram Javed. “Adsorptive optimization of green Calotropis gigantea Ag-NPs: photocatalytic degradation against Congo red & Acid orange- 7 dyes arbitrated by sunlight”. Desalination and Water Treatment. 237 (2021) 181-190 (Impact Factor **1.273**).
 72. Aamna Ashfaq, **Raziya Nadeem**, M.Zeeshan Ashfaq, Asif Hanif , Shamsa Bibi, Zubair Ahmed Efficient adsorption of Lead ions from synthetic wastewater using Agrowaste based mixed biomass(Potato Peels and Banana Peels).Water 2021,volume-13 , 3344,1-15 (**Impact Factor: 13.4**)
 73. Sumaira Mumtaz, **Raziya Nadeem**, Raja Adil Sarfraz, Muhammad Shahid. “Medicinal aspects of *Murraya koenigii* mediated silver nanoparticles”. Advances in Nano Research. (Impact Factor **13.052**) Vol. 11, No. 6 (2021) 657-665.
 74. Rizwan Ashraf, Maria Javed,Tugba Taskin-Tok, **Raziya Nadeem**, Muhammad Kashif Javaid, Mohamed El-Naggar Othman M. Alzahrani, Samy F. Mahmoud . Design, DFT studies, antimicrobial and antioxidant potential of Binuclear N-heterocyclic Carbene (NHCs) complexes. Probing the aspect of DNA interaction through In-vitro and In-silico approach. Computational Biology and Chemistry [Volume 95](#), December 2021, 107591., 2021 (**Impact Factor: 3.737**)
 75. Shafiq Ur Rehman, Makhvela Anwer, Shamsa BiBi, Saba Jamil, Muhammad Yasin, Shanza Rauf Khan, **Raziya Nadeem**, Sarmed Ali, Ran Jia. DFT analysis of different substitutions on optoelectronic properties of carbazole-based small acceptor materials for Organic Photovoltaics. Materials Science in Semiconductor Processing. [Volume 140](#), April 2022, 106381 (**Impact Factor: 4.644**)
 76. Shabbir Muhammad , Shafiq ur Rehman, Fatima Sarwar , Shamsa Bibi , **Raziya Nadeem** , Muhammad Waheed Mushtaq , Abdullah G. Al-Sehemi, Saleh S. Alarfaji , Sajjad Hussain. Insighting the functionally modified C60 fullerenes as an efficient nonlinear optical materials: A quantum chemical study. Materials Science in Semiconductor Processing. [Volume 141](#), April 2022, 106421 (**Impact Factor: 4.644**)
 77. Shazia Perveen , **Raziya Nadeem** , Shafiq ur Rehman , Nosheen Afzal , Shazia Anjum , Saima Noreen, Rashid Saeed, Mongi Amami, Samiah H. Al-Mijalli, Munawar Iqbal. Green synthesis of iron (Fe) nanoparticles using *Plumeria obtusa* extract as a reducing and stabilizing agent: Antimicrobial, antioxidant and

- biocompatibility studies. Arabian Journal of Chemistry, Volume 15, Issue 5, May 2022, 103764 (**Impact Factor: 6.13**).
78. Umme Kalsoom , Zainab Ahsan , Haq Nawaz Bhatti , Faiza Amin, **Raziya Nadeem** , Kiran Aftab , Muhammad Bilal. Iron oxide nanoparticles immobilized *Aspergillus flavus* manganese peroxidase with improved biocatalytic, kinetic, thermodynamic, and dye degradation potentialities . Process Biochemistry, Volume 117, June 2022, Pages 117-133(**Impact Factor: 4.885**).
 79. Shazia Perveen, **Raziya Nadeem**, Farhat Nosheen, Muhammad Imran Asjad, Jan Awrejcewicz and Tauseef Anwar. Biochar-Mediated Zirconium Ferrite Nanocomposites for Tartrazine Dye Removal from Textile Wastewater. Nanomaterials, 2022, 12, 2828. (**Impact Factor: 5.719**).
 80. Aamna Ashfaq, **Raziya Nadeem**, Hongyu Gong, Umer Rashid , Saima Noreen , Shafique ur Rehman , Zubair Ahmed, Muhammad Adil, Nayab Akhtar, Muhammad Zeeshan Ashfaq, Fahad A. Alharthi and Elham Ahmed Kazerooni Fabrication of Novel Agrowaste (Banana and Potato Peels)-Based Biochar/TiO₂ Nanocomposite for Adsorption of Cr(VI), Statistical Optimization via RSM Approach. Polymers 2022, 14, 2644. (**Impact Factor: 4.967**).
 81. Shazia Perveen, **Raziya Nadeem**, Farhat Nosheen, Liang Tongxiang, Tauseef Anwar. Synthesis of biochar-supported zinc oxide and graphene oxide/zinc oxide nanocomposites to remediate tartrazine dye from aqueous solution using fixed-bed column reactor. Applied Nanoscience (2022) 12:1491–1505. (**Impact Factor: 3.869**).
 82. Sana Rashid, Shazia Anjum , Aqeel Ahmad , **Raziya Nadeem** , Maqsood Ahmed , Syed Adnan Ali Shah , Muhammad Abdullah , Komal Zia and Zaheer Ul-haq. Betamethasone Dipropionate Derivatization, Biotransformation, Molecular Docking, and ADME Analysis as Glucocorticoid Receptor. BioMed Research International. Volume 2022, Article ID 6865472, 9 pages (**Impact Factor: 3.246**).
 83. Sumaira Mumtaz, **Raziya Nadeem**, Raja Adil Sarfraz, Muhammad Shahid. Mechanism Study of Green Synthesis and Antibacterial Attribute of *Polyalthia longifolia* Based Gold Nanoparticles. Journal of Nano Research Vol. 75:1-16 (2022). (**Impact Factor: 2.929**)
 84. Nasba Nazeer, Ayesha Younus, Yasir Jamil, **Raziya Nadeem**. Plasma confinement using semi-spherical cavities for enhancement of ablative laser propulsion parameters. Applied Physics B, lasers and optics.(2022)128(11)206 (**Impact Factor: 2.171**)
 85. Anum Mahmood, Rohama Gill , Muhammad Raffi , Raziya Nadeem. Fabrication of electro-conductive thin films of nanoparticles and MXene sheets using reclaimed Zn, Mn, and C from spent batteries. Diamond & Related Materials 139 (2023) 110387
 86. Shamsa Bibi ,Aamna Saleem ,Shafiq ur Rehman,Ijaz Ahmad Bhatti,Muhammad Adnan Iqbal, Shahid Bashir,Bai Fu Quan,Raziya Nadeem.DFT study of oxidation mechanism of secnidazole as an emerging contaminant: Application as STI control. J Phys Org Chem. 2023;36: e4480.1-11
 87. Saima Abid,Ruba Munir, Murtaza Sayed,Raziya Nadeem, Aamna Muneer, Muhammad Zahid,Muhammad Yaseen, Umme Habibah Siddiqua, Saima Noreen.Synthesis of Zinc Oxide, Ferric, Cu Nano Particles by Almond Shells,Sugar

- Cane Bagasse, Eggshells, and Their Application as Catalyst for Dye Reactive Red 195 (RR 195) Removal. *Catalysis Surveys from Asia* (2023) 27:332–348: <https://doi.org/10.1007/s10563-023-09400-3>
88. A. Qudoos, U.B. Tahir, S. Ahmad³, M. Tariq, M. Imran, R. Nadeem, S. Noreen, N. Luqman, M. Maqbool, I. Jan, Z. Iqbal, M. Raza, M.S. Sajid and H.M. Rizwan. Trace mineral concentration of forages in connection with sheep dietary requirements. *South African Journal of Animal Science* 2023, 53:(3) 361-368
 89. Tauqeer Hussain, Naheed Akhter, **Raziya Nadeem**, Umer Rashid, Saima Noreen, Shazia Anjum, Sajid Ullah, Hafza Raazia Hussain, Aamna Ashfaq, Shazia Perveen, Fahad A. Alharthi, Elham Ahmed Kazerooni. Biogenic synthesis of date stones biochar-based zirconium oxide nanocomposite for the removal of hexavalent chromium from aqueous solution. *Applied Nanoscience* (2023) 13:6053–6066. <https://doi.org/10.1007/s13204-022-02599-z> (**Impact Factor: 3.869**).
 90. Ahsan Maqsood, Ruba Munir, Gadah Albasher, Murtaza Sayed, Raziya Nadeem, Nazish Jahan, Amna Muneer, Muhammad Yaseen, Muhammad Zahid, Fazila Younas and Saima Noreen. Synthesis of hybrid layered double hydroxides (HLDH) and application as adsorbent for removal of direct sky blue dye. *Chemical Engineering Communications*. 2024, VOL. 211, NO. 5, 664–688 <https://doi.org/10.1080/00986445.2023.2276140>
 91. Iqra Irshad, Ruba Munir, Gadah Albasher, Amna Muneer, Muhammad Yaseen, Muhammad Zahid, Raziya Nadeem, Nazish Jahan, Muhammad Idrees Jilani, Fazila Younas, and Saima Noreen. Synthesis of metal doped nano-ferrites $\text{Co}_{0.5}\text{Zn}_{0.25}\text{M}_{0.25}\text{Fe}_2\text{O}_4$ by co-precipitation method and application as adsorbent and photocatalyst for removal of direct orange-108 acid dye: equilibrium, kinetic and thermodynamic studies. *Journal of Dispersion Science and Technology* <https://doi.org/10.1080/01932691.2023.2269229>
 92. Hafiz Abdul Mannan, **Raziya Nadeem**, Shamsa Bibi, Tariq Javed, Iram Javed, Arif Nazir, Mehr-un Nisa, Maryam Batool & Muhammad Idrees Jilani. Mesoporous activated TiO_2 /based biochar synthesized from fish scales as a proficient adsorbent for deracination of heavy metals from industrial efflux. *Journal of Dispersion Science and Technology*. 2024, VOL. 45, NO. 2, 329–341. ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/ldis20> (**Impact Factor: 2.057**)
 93. Noor Zulfiqar,* **Raziya Nadeem**, and Othman AI Musaimi. Photocatalytic Degradation of Antibiotics via Exploitation of a Magnetic Nanocomposite: A Green Nanotechnology Approach toward Drug-Contaminated Wastewater Reclamation. *ACS Omega*, 2024, 9, 7, 7986–8004
 94. Misbah Maqbool, Ruba Munir, Fazila Younas, Amna Muneer, Muhammad Fahad Sardar, **Raziya Nadeem**, Muhammad Zahid, Muhammad Yaseen, Gadah Albasher & Saima Noreen. LDH–Ferrite–Biochar–Polymeric Composites for Enhanced Adsorption–Desorption of Acid Blue 41 and Real Textile Wastewater Purification: A Batch and Column Study. *Journal of Inorganic and Organometallic Polymers and Materials*. Published: 04 April 2024 p.1-31
 95. Ayesha Mushtaq, Muhammad Asif Hanif, **Raziya Nadeem**, Zahid Mushtaq. Development of Methodology for molecular crystallization of Menthol. *Heliyon* Volume 10, Issue 19, 15 October 2024, e38394

96. Lubna Hanif, Nazish Jahan, **Razyia Nadeem**, Abdul Ghaffer. Formulation and Characterization of Nanobiopesticides Derived from *Ocimum basilicum* for Ecofriendly control of Stored Product Pests *Sitophilus oryzae* and *Tribolium castaneum*. Pakistan Journal of Agricultural Sciences. 61(4), 1103-1118; 2024
97. Amina, Ruba Munir, Nazish Jahan, **Razyia Nadeem**, Muhammad Zeeshan Bashir, · Hina Ambreen, Saima Noreen. A Review on Quantum Dots: Revolutionizing Waste Water Cleaning . Chemistry Africa (2024) 7:5009–5023
98. Shumaila Kiran, Ali Alkorbi, Muhammad Ashraf, Sadia Javed, Nazish Jahan, **Razyia Nadeem**, M. Bilal Qadir , Zubair Khaliq , M. Jalalah , Farid A. Harraz. Biogenic synthesis and characterization of MgO/CuO nanohybrids for degradation of acid blue 113 dye: A sustainable environmental remedial approach. Kuwait Journal of Science. Volume 52, Issue 2, 2025, 100369
99. Sumaira Mumtaz, **Razyia Nadeem**, Ietaz Husain, Sumaira Hanif, Pir Muhammad, Shazia Parveen, Sadia Noor, Saeed Akhtar. Exploring Biomedical Potential of Phytochemical Synthesized Iron Nanoparticles: In Vivo and In Vitro Evaluation. Nano Biomed. Eng., 2025.1-17
100. Humna Munawwar · Ruba Munir · Amna Muneer · Fatima Zaheer · Muhammad Zeeshan Bashir · Murtaza Sayed · Muhammad Zahid · **Razyia Nadeem** · Nazish Jahan · Saima Noreen. Synthesis and Applications of Zinc Oxide Nanorods, Copper-Doped Zinc Oxide Nanorods, Nickel Hydroxide/Zinc Oxide Nanorods, Iron (III) Oxide/Zinc Oxide Nanorods and Zinc Oxide/Graphene Oxide Nanorods for Batch Adsorption, Fixed-Bed Column Study, and Degradation of Cationic Dye (Blue Tur-XGB B-3) from Wastewater Catalysis Surveys from Asia (2025) 29:71–96

(b) PAPERS PUBLISHED IN INTERNATIONAL JOURNALS WITHOUT IMPACT FACTOR

1. Tariq Mahmood Ansari, Humayun Pervez and **Razyia Khalid**. 1995. Indirect spectrophotometric determination of glucose. Journal of Scientific Research. 25(1-2): 1-10
2. A. Khan, M. Jaffar and **R. Nadeem**. 2004. Vehicle induced lead contamination of air and soil-A comprehensive study between urban and suburban areas. Pakistan Journal of Sciences, 3(4): 120-124.
3. Muhammad Asif Hanif, **Razyia Nadeem**, Umer Rashid and Muhammad Nadeem Zafar. 2005. Assessing pollution levels in effluents of industries in City Zone of Faisalabad, Pakistan. Journal of Applied Sciences, 5 (10): 1713-1717.
4. M. Nadeem, **R. Nadeem**, H.U. Nadeem and S.S. Shah. 2005. Accumulation of Lead and Cadmium in different organs of chickens. Pakistan Journal of Scientific Research, 1(2): 71-76.
5. Maida Aslam, Farooq Anwar, **Razyia Nadeem**, Umer Rashid, T.G. Kazi and M. Nadeem. 2005. Mineral composition of *Moringa Olifera* leaves and pods from different regions of Punjab, Pakistan. Asian Journal of Plant Sciences, 4(4): 417-421.
6. Samina Gill, **Razyia Nadeem**, Bushra Saleem, M. Nadeem and Khalil-ur-Rehman. 2005. Removal of Lead from aqueous solutions by *Chickpea*. Indus Journal of Biological Sciences, 2(3): 362-366.
7. Shahnaz Akhtar, Nazish Jahan and **Razyia Nadeem**. 2005. Mineral composition of *Coriander* and *Cardamom*. Indus Journal of Biological Sciences, 1(2): 69-73.
8. **Razyia Nadeem**, Muhammad Riaz, Khalil-ur-Rahman, Muhammad Asif Hanif, Adeela Khanum and Abdul Qayum. 2010. Mineral composition of *Cassia fistula* (golden shower):

- A life tree of medicinal importance. Life sciences international journal, 4(3): 1739-1744.
9. Muddassar Alam, **Raziya Nadeem** and Muhammad Idress Jilani. 2012. Pb (II) removal from wastewater using Pomegranate waste biomass. International Journal of Chemical and Biochemical Sciences, 1: 24-29.
 10. Asid Majeed, Muhammad Idrees Jilani, **Raziya Nadeem**, Muhammad Asif Hanif, Tariq Mahmood Ansari. 2012. Novel studies for the development of hybrid biosorbent. International Journal of Chemical and Biochemical Sciences, 2: 78-82.
 11. R. Saeed, A. Sattar and R. Nadeem. Effect of Physical Modification on Mangifera Indica (Mango) Waste Biomass for Cd (II) And Pb (II) Mitigation. Science International 24: 2, 2012
 12. Faiza Mureed, **Raziya Nadeem**, Ansar Mehmood, Maryam Siddique, Mohsin Bukhari. 2012. Biosorption of Zinc by Chemically Modified Biomass of Corn cob (*Zea mays* L.). Middle-East Journal of Scientific Research, 11(9): 1226-1231.
 13. Rashid Saeed, Hamna Ejaz and **Raziya Nadeem**. 2013. Pakistani Apparel Consumption: intergenerational Comparison of Generation X and Generation Y Female Consumer's Apparel Preferences. Middle-East Journal of Scientific Research, 15(4): 592-594.
 14. Sadaf Saleem, Tahira Iqbal, **Raziya Nadeem**, Naheed Akhtar, Bushra Munir. 2013. A study of N-acetyltransferase1 (NAT1) acetylation phenotyping using sulfamethoxazole as probe drug in local Pakistani population. Jokull Journal, 63(9): 339-350. (Impact Factor **1.342**).
 15. Rohama Gill, Qurat-ul-Ain Nadeem, **Raziya Nadeem**, Rabia Nazir, Sadaf Nawaz. 2014. Biosorption capacity of vegetable waste biomass for adsorption of lead and chromium. Journal of Biodiversity and Environmental Sciences (JBES), 5(2): 306-317. (Impact Factor **1.356**).
 16. Rohama Gill, Qurat-ul- Ain Nadeem, **Raziya Nadeem**, Rabia Nazir ,Sunia Aslam. 2014. Removal efficiency of vegetable waste mixture for uptake of Cd (II) and Cu (II) ions Journal of Biodiversity and Environmental Sciences (JBES), 5(4):239-249.
 17. **Raziya Nadeem**, Amna Iqbal, Muhammad Abid Zia, Farooq Anwar, Shaukat Ali Shahid, Zahed Mahmood, Naseem Akhtar. 2015. Effect of Cold-Pressing and Soxhlet Extraction on the Physico-Chemical Attributes of Sunflower (*Helianthus annuus* L.) Seed Oil. International Journal of Chemical and Biochemical Sciences (ISSN 2226-9614), 7: 41-46.
 18. Saira Arif, **Razia Nadeem**, Iram Shahzadi. 2015. Physiochemical and Biochemical Characterization of an Indigenous Medicinal Plant (*Skimmia laureola*). International Journal of Current Research in Chemistry and Pharmaceutical Sciences, 2(6): 35-43.
 19. Sarwar K, **Nadeem R**, Fatima A, Nasar S, Subhan S and Atique M. 2016. Biosorption of Co (II) Metal by Original and KMnO₄ Pretreated *Trapa natan* Biopolymer. Chemical Sciences Journal, 7:4. DOI: 10.4172/2150-3494.1000141.
 20. Iram Shahzadi, Raziya Nadeem, Muhammad Asif Hanif, Sumaira Mumtaz, Muhammad Idrees Jilani and Shafaq Nisar. Chemistry and biosynthesis pathways of

plant oleoresins: Important drug sources. International Journal of Chemical and Biochemical Sciences (ISSN 2226-9614) 12(2017):18-52

(c) Published Book

1. Muhammad Riaz, **Raziya Nadeem** and Munir Ahmad Sheikh. 2012. Biosorption of Lead (II) Using *Gossypium hirsutum* Seed Cake Biomass. LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany. pp. 1-93.
2. Muhammad Asif Hanif, Shafaq Nisar, **Raziya Nadeem**, Tariq Mehmood Ansari. A Smart Book of Analytical Chemistry. International Scientific Organization. pp. 1-238.
3. Muhammad Asif Hanif, Muhammad Zahid, **Raziya Nadeem**. A Smart Book of Research Scientific Literature & Technical Writing. (2020). International Scientific Organization. pp. 1-72.

(d) Book Chapter

1. Saima Naz, Muhammad Asif Hanif, **Raziya Nadeem**. Chapter-3 on Paper Chromatography in Book Chromatography, published by International Scientific Organization ISBN: 978-969-23074-0-6. (2015) 65-81.
2. Muhammad Asif Hanif, Shazia Yousaf, Rafia Rehman, Asma Hanif, **Raziya Nadeem**. (2020) CHAPTER 42, Puncture Vine. Medicinal Plants of South Asia. 571-585
3. **Raziya Nadeem**, Maleeha Naz, Shazia Yousaf, Writing a case study analysis and Technical Report. A Smart Book of Research Scientific Literature & Technical Writing. (2020). International Scientific Organization. pp 3-6
4. Maqzia Bashir, Summan Aman, Aneesha Awan, Muhammad Faizan Nazar, Muhammad Zubair, Raziya Nadeem, Muhammad Nadeem Zafar (2022). "Metal Sulfide Nanocomposites for Energy Harvesting Applications". Advances in Nanocomposite Materials for Environmental and Energy Harvesting Applications. Engineering Materials. Springer, Cham.
https://doi.org/10.1007/978-3-030-94319-6_19 (pp 567–612)

(e) ABSTRACTS/PAPERS PUBLISHED IN REFEREED INTERNATIONAL PROCEEDINGS/ABSTRACT BOOKS

1. Muhammad Asif Hanif, **Raziya Nadeem**, Muhammad Nadeem Zafar and Haq Nawaz Bhatti. *Cassia fistula*: A Best Natural Coagulant for the Treatment of Textile Effluents. "Egyptian First International conference in Chemistry: Chemistry for human needs in developing countries", Shram El-Sheikh, Egypt. 11-14 September, 2006.
2. Muhammad Asif Hanif, **Raziya Nadeem**, Muhammad Nadeem Zafar, Kalsoom Akhtar and Haq Nawaz Bhatti. Biosorption of Ni (II) from industrial wastewater by *Cassia fistula*. "Egyptian First International conference in Chemistry: Chemistry for human needs in developing countries", Shram El-Sheikh, Egypt. 11-14 September, 2006
3. **Raziya Nadeem**, Tariq Mehmood Ansari, Kalsoom Akhtar and Ahmad Mukhtar Khalid. Fourier Transform Infrared Spectroscopic characterization and

- optimization of Pb(II) sorption by Cassia fistula pyrolysed carbon. "Taiba International Chemistry Conference, TICC 2009" at Al-Madinah Al-Munawarah, Saudi Arabia (23-25 March 2009)
4. Tariq Mehmood Ansari, Muhammad Asif Hanif, Uzma Ijaz, Abida Mehmood, **Raziya Nadeem**. Biosorption of Pb(II) using immobilized *Rosa centifolia* and *Rosa gruss an teplitz* distillation waste biomasses. "Taiba International Chemistry Conference, TICC 2009" at Al-Madinah Al-Munawarah, Saudi Arabia (23-25 March 2009)
 5. Rashid Saeed, Zafar Iqbal, Muhammad Iqbal, Ayesha Sattar, **Raziya Nadeem**. Climate change, river flows and their imminent impact on Pakistan's economy. International symposium on "Prospects of agriculture and rural areas development in the context of global climate change". University of Agricultural Sciences and Veterinary Medicine Bucharest, Romania. (May 20-21, 2010), ISSN 1844-5640, P.191-197
 6. Rashid Saeed, Ayesha Sattar, Zafar Iqbal, **Raziya Nadeem**. Climate change: an obstacle to achieve millennium development goal of Pakistan. International symposium on "Prospects of agriculture and rural areas development in the context of global climate change". University of Agricultural Sciences and Veterinary Medicine Bucharest, Romania. (May 20-21, 2010), ISSN 1844-5640, P.199-203
 7. Rashid Saeed, Rana Nadir Idrees, Humna Ijaz, Marriam Furqani, Syed Husnain Sajid, **Raziya Nadeem**, 2012, Globalization and Its Impact on Pakistan's Agriculture. 12th International Symposium, "Prospects of Agriculture and Rural Areas in the context of Durable Development" 17-18 May 2012 – Bucharest, University of Agricultural Sciences and Veterinary Medicine Bucharest, Romania. Scientific Papers Series "Management, Economic Engineering in Agriculture and Rural Development" "Vol. 12, Issue 1: 207-210. ISSN 2284-7995
 8. Rashid Saeed, Rana Nadir Idrees, Humna Ijaz, Marriam Furqani, **Raziya Nadeem**, Migration and Its Environmental Effects. 12th International Symposium, "Prospects of Agriculture and Rural Areas in the context of Durable Development" 17-18 May 2012 – Bucharest, University of Agricultural Sciences and Veterinary Medicine Bucharest, Romania. Scientific Papers Series "Management, Economic Engineering in Agriculture and Rural Development" "Vol. 12, Issue 1: 211-214. ISSN 2284-7995
 9. M. Saeed, **R. Nadeem**, M. Yousaf, R. Saeed. An investigation for the potential of *Trapa bispinosa*'s peel in free, pva-alginate immobilized and H₂O₂ treated form to eradicate Reactive Orange 122 dye. 44th IUPAC World Chemistry Congress, 11-16 August 2013. Istanbul, Turkey.

(f) **ABSTRACTS PUBLISHED IN NATIONAL PROCEEDINGS/ABSTRACT BOOKS**

1. B. Saleem, M. Khurshid, S. Ayyub and **R. Nadeem**. Deep frying assessment of physico-chemical characteristics of canola oil against canola oil/ soybean oil blends. 33rd all Pakistan Science Conference, University of Agriculture, Faisalabad. December 25-28, 2002.
2. B. Saleem, M. Khurshid, K.U. Rehman, S. Sadiq and **R. Nadeem**. Physico-chemical studies of oil and oil cake extracted from cotton seed variety L1. 33rd all Pakistan Science Conference, University of Agriculture, Faisalabad. December 25-28, 2002.

3. **R. Nadeem**, M. Khurshid, K.U. Rehman and S. Anwar. Cigarette smoke: a serious health hazard for human beings. 33rd all Pakistan Science Conference, University of Agriculture, Faisalabad. December 25-28, 2002.
4. Bushra Saleem, Madiha Khurshid, Sajjada Naveed and **Raziya Nadeem**. Deep frying assessment of physico-chemical characteristics of canola oil against canola oil/ corn oil blend. 3rd International and 13th national chemistry conference. Decemeber 28-31, 2002.
5. **Raziya Nadeem**, Shahida Munir, Kalsoom Akhtar, Ahmad M. Khalid and Tariq M. Ansari. Interference of co-ions in biosorbion of Ni(II) by rice bran as a biosorbent. Ninth Symposium on Analytical and Environmental Chemistry. Bara Gali Summer Campus, University of Peshwar. International Conference on Environmental Challenges. July 24-26, 2004.
6. Farooq Anwar, M.I.Bhanger, M. Nadeem, **Raziya Nadeem**. Improved stability characteristics of *Moringa oleifera* blands. 4th International and 14th national Chemistry Conference. The chemical Society of Pakistan. May 16-18, 2004.
7. **Raziya Nadeem**, Muhammad Roman Sarfraz, T.M. Ansari, Qaiser Mehmood Khan and Anwar ul Haq. Removal of cadmium from aqueous solutions with the help of *Labeo rohita* scales. 4th International and 14th national Chemistry Conference. The chemical Society of Pakistan. May 16-18, 2004.
8. **Raziya Nadeem**, Saddaqt Ali, Haq Nawaz Bhatti, Muhammad Nadeem and Shaukat Hayat. Chemical analysis and treatment of textile effluents. International Conference on Environmental Challenges. Department of Environmental Sciences, University of Peshawar. March 11-13, 2004.
9. **Raziya Nadeem**, Azhar Abbas, Abbas Khan, Muhammad Nadeem, Haq Nawaz Bhatti and Khalil ur Rehman. Monitoring of lead and cadmium in textile effluents & their effects on surroundings. International Conference on Environmental Challenges. Department of Environmental Sciences, University of Peshawar. March 11-13, 2004.
10. Muhammad Asif Hanif and **Raziya Nadeem**. Nickel Removal from Industrial Waste Water By *Cassia fistula* Biomass. 6th International and 16th National Chemistry Conference "Quality of Life and Chemical Sciences", Department of Chemistry, Bahauddin Zakaria University, Multan, Pakistan. April 06-08, 2006.
11. Muhammad Asif Hanif, **Raziya Nadeem**, Muhammad Nadeem Zafar and Umer Rashid. Industrial Waste Water Treatment By Direct Filtration With Natural Coagulant. 6th International and 16th National Chemistry Conference "Quality of Life and Chemical Sciences", Department of Chemistry, Bahauddin Zakaria University, Multan, Pakistan. April 06-08, 2006.
12. Muhammad Asif Hanif, **Raziya Nadeem**, Umer Rashid and Muhammad Nadeem Zafar. Assessing Pollution Levels in Effluents of Industries in City Zone of Faisalabad, Pakistan. 6th International and 16th National Chemistry Conference "Quality of Life and Chemical Sciences", Department of Chemistry, Bahauddin Zakaria University, Multan, Pakistan. April 06-08, 2006.
13. Muhammad Nadeem Zafar, **Raziya Nadeem** and Muhammad Asif Hanif. The Use of Pretreated Rice Bran for the Sorption of Nickel from Aqueous Solutions. 6th International and 16th National Chemistry Conference "Quality of Life and Chemical Sciences", Department of Chemistry, Bahauddin Zakaria University,

- Multan, Pakistan. April 06-08, 2006.
14. **Raziya Nadeem**, Sadaf Younis, Memoona Arshad and Tariq Mahmood Ansari. Biosorption of lead by *Azadirachta indica* (Neem) biomass. 6th International and 16th National Chemistry Conference “Quality of Life and Chemical Sciences”, Department of Chemistry, Bahauddin Zakaria University, Multan, Pakistan. April 06-08, 2006.
 15. Waheed-ur-Rehman, **Raziya Nadeem**, Adnan Younis, Muhammad Asif Hanif and Tariq Mahmood Ansari. Comparative studies on extraction and analysis of *Jasminum sambac* (Jasmine) essential oil. 1st International Chemistry Conference on “Recent Challenges in Chemistry”, Department of Chemistry, GC University Faisalabad, Pakistan. 1-3 Nov, 2006.
 16. Abdur Rauf Iftikhar, Haq Nawaz Bhatti, Muhammad Asif Hanif, Muhammad Abdullah Javed and **Raziya Nadeem**. Kinetics and Thermodynamic studies for the sorption of Cu (II) and Cr (III) using Rose Waste Biomass. 1st International Chemistry Conference on “Recent Challenges in Chemistry”, Department of Chemistry GC University Faisalabad, Pakistan. 1-3 Nov, 2006.
 17. Rabia Muzafar, **Raziya Nadeem**, Muhammad Asif Hanif, M.A. Sheikh, Kalsoom Akhtar and M.A. Ghauri and T.M. Ansari. Monitoring the Efficacy of Acidically Pretreated Rose Petals (*Rosa centifolia*) for Lead and Zinc from aqueous solutions. 1st International Chemistry Conference on “Recent Challenges in Chemistry”, Department of Chemistry, GC University Faisalabad, Pakistan. 1-3 Nov, 2006.
 18. Mubashir Hussain Nasir, **Raziya Nadeem**, Muhammad Asif Hanif, Kalsoom Akhtar, M.A. Khalid. Efficacy of modified distillation sludge of Rose (*Rosa centifolia*) petals for lead and zinc removal from aqueous solutions. 1st International Chemistry Conference on “Recent Challenges in Chemistry”, Department of Chemistry, GC University Faisalabad, Pakistan. 1-3 Nov, 2006.
 19. Muhammad Salman Jamil, **Raziya Nadeem**, Muhammad Asif Hanif and Muhammad Asif Ali. “Proximate composition and mineral profile of date varieties from Pakistan”. 2nd International Seminar on Analytical Sciences, Pakistan. National Center of Excellence in Analytical Chemistry. University of Sindh, Jamshoro-Pakistan. September 6-8, 2007. ISASP-31, page no. 71.
 20. Muhammad Salman Jamil, Muhammad Asif Hanif and **Raziya Nadeem**. “Proximate evaluation of precious medicinal plants from Pakistan”. 2nd International seminar on analytical sciences, Pakistan. National center of Excellence in Analytical Chemistry. University of Sindh, Jamshoro-Pakistan. September 6-8, 2007. ISASP-39. page no. 76.
 21. Muhammad Salman Jamil, Muhammad Asif Hanif, **Raziya Nadeem** and Ifkhtiar Ahmad. “Nutritive evaluation of medicinal plants being used as condiments in South Asian region”. 1st International Seminar on Medicinal Plants Isolation and Applications (ISMP-2008). Department of Chemistry (organic section). Lahore Collogee for Women University. May (21-23) 2008.
 22. **Raziya Nadeem**, Tariq Mehmood Ansari, Kalsoom Akhter, Ahmad Mukhtar Khalid. FTIR characterization of *Pongamia pinnata* pyrolysed carbon for Pb(II) sorption. 1st National Symposium on Analytical, Environmental and Applied Chemistry. Department of chemistry, Shah Abdul Latif University, Khairpur-Pakistan. 24-25, October 2008.

23. Tariq Mehmood Ansari, Khuala Umbreen, **Raziya Nadeem**, Muhammad Asif Hanif. *Polypogon monspeliensis* waste biomass: a potential biosorbent for Cd(II). 1st National Symposium on Analytical, Environmental and Applied Chemistry. Department of chemistry, Shah Abdul Latif University, Khairpur-Pakistan. 24-25, October 2008.
24. Bushra Amin, **Raziya Nadeem**. Biosorption of Pb(II) from aqueous solutions using inorganic acids pretreated *Trapa bispinosa* (singhara) biomass. "International science conference on utilization of modern agriculture technology in changing environmental perspectives". University of Azad Jammu & Kashmir, Faculty of Agriculture, Rawalakot. (21-23 July, 2010), p.235
25. Tahra Sajid, **Raziya Nadeem**, Riaz Mustafa, Muhammad Asif Hanif, Tariq Mahmood Ansari, Ahmed Mukhtar Khalid. Investigation of acids and bases efficacy on *Nephelium matubile* waste biomass for Cu (II) removal from aqueous streams. 6th Executive Management Seminar on "The Current Environmental Pollution Scenario of Pakistan; Findings and Remediation". (October 27-29, 2010), Pinstech, Islamabad, Pakistan. OP-303, pp.5
26. Maryam Yousaf, **Raziya Nadeem**. Sorption of Cu(II) from aqueous solution by surfactant loaded *Trapa bispinosa* (singhara) biomass. 1st International conference of Chemistry and its role in science (ICCRS-1) (January 3-5, 2011). Department of Chemistry, Jinnah university for women, Karachi. OL, pp.114
27. Tahra Sajid, **Raziya Nadeem**, Riaz Mustafa. Investigation of acids efficacy on *Nephelium matubile* waste biomass for Pb (II) eradication from aqueous streams. 9th International and 21st National Chemistry Conference, Department of Chemistry, University of Karachi, Karachi. AEFA-300/22 pp.153 (March, 14-16, 2011)
28. Muhammad Idrees Jilani, **Raziya Nadeem**, Muhammad Asif Hanif, Haq Nawaz Bhatti. Removal of toxic Pb(II) and Zn(II) using waste biomass of commercially important plants. 9th International and 21st National Chemistry Conference, Department of Chemistry, University of Karachi, Karachi. AEFA-200/24 pp.33 (March, 14-16, 2011)
29. Muhammad Idrees Jilani, **Raziya Nadeem**, Muhammad Asif Hanif, Haq Nawaz Bhatti, Tariq Mehmood Ansari. Kinetics and equilibrium modeling of Pb(II) uptake using immobilized waste biomass of medicinal plants. National Symposium on Kinetics and Catalysis (KC-2011). National Centre of Excellence in Physical Chemistry, University of Peshawar, Baragali Summer Campus. (September, 26-28, 2011). pp.39.
30. Qaisar Manzoor, **Raziya Nadeem**, Tahira Iqbal. Investigation of Organic Acids Efficacy on *Rosa Bourbonia* Waste Biomass for Pb (II) Removal from Aqueous Streams. 3rd Chemistry Conference 2011 on Recent Trends in Chemistry at PINSTECH, Islamabad. (October 17-19, 2011). OPP-103, pp.10
31. Muzna Saeed, **Raziya Nadeem**, Rashid Saeed. Comparative study of Pb(II) biosorption by original and HNO₃ pretreated *Trapa bispinosa*'s peel. 10th International and 22nd National Chemistry Conference 2011 (November, 21-23, 2011). OP-ANAL-22, pp.31-32
32. Hazafa Zafar, **Raziya Nadeem**, Tahira Iqbal, Tariq Mehmood Ansari. Biosorption of Zn(II) by chemically modified biomass of corncob. 3rd Chemistry Conference 2011 on Recent Trends in Chemistry at PINSTECH, Islamabad. (October 17-19, 2011). PoP-24, pp.48

33. Suraya Zafar, **Raziya Nadeem**, Hazafa Zafar, Faiza Mureed, Maryam Ashfaq, Adnan Haidar, Tariq Mahmood Ansari. Biosorption of Cu (II) from aqueous solutions by physically pretreated biomass of corncob. 10th International and 22nd National Chemistry Conference 2011, Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad (November, 21-23, 2011). Poster-08, pp.151
34. Misbah Hameed, Farooq Anwer, **Raziya Nadeem**. Comparision of antioxidant activity of cotton, canola and sunflower oilseed residues. 10th International and 22nd National Chemistry Conference 2011, Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad (November, 21-23, 2011). Poster-61, pp.182-183
35. Tehseen Gul , Farooq Anwer, **Raziya Nadeem** and Amer Jamil. Proximate composition and antioxidant attributes of Morus (*Morus alba L. and Morus nigra L.*). 10th International and 22nd National Chemistry Conference 2011, Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad (November, 21-23, 2011). Poster-56, pp.180
36. Asid Majeed, Muhammad Idrees Jilan, **Raziya Nadeem**, Muhammad Asif Hanif. Zn(II) uptake using immobilized waste biomass of madicinal plants. 10th International and 22nd National Chemistry Conference 2011, Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad (November, 21-23, 2011). Poster-311, pp.331-332
37. Farooq Anwar and **Raziya Nadeem**. Functional Foods and Nutraceuticals–Recent Developments, Prospects and Challenges. 1st International Conference on Safe Food & Human Health (ICSFH-2012). January 10-11, 2012, Government College University, Faisalabad. KN-06, pp.22
38. Muhammad Asif Hanif, Haq Nawaz Bhatti, **Raziya Nadeem** and Tariq Mehmood Ansari. Wastewater Treatment using Immobilized Natural Coagulants. 11th International and 23rd National Chemistry Conference (October, 15-17, 2012) National Centre of Excellence in Physical Chemistry, University of Peshawar, Peshawar, pp.51
39. Hazafa Zafar and **Raziya Nadeem**. Equilibrium and Kinetic Modeling for the Biosorption of Cu(II) by Pretreated Corn Cob Powder. 11th International and 23rd National Chemistry Conference (October, 15-17, 2012). National Centre of Excellence in Physical Chemistry, University of Peshawar, Peshawar, pp.57
40. Qaiser Manzoor and **Raziya Nadeem**. Biosorption of Pb(II) from Aqueous Solutions by using Immobilized *Mangifera Indica* waste Biomass. 11th International and 23rd National Chemistry Conference (October, 15-17, 2012). National Centre of Excellence in Physical Chemistry, University of Peshawar, Peshawar, pp.132
41. Saleh Raziq, **Raziya Nadeem**, Farooq Anwar, Shumaila Sarwar. Effect of microwave assisted enzymatic cold-pressing on the quality and antioxidant attributes of bt cotton (*Gossipium arboreum*) seeds oil. PP-35 in 2nd International conference, future prespectives of food processing industry in Pakistan. December 11-12, 2012, Government College University, Faisalabad, pp. 56.
42. Maryam Yousaf, **Raziya Nadeem**, Muzna Saeed. Evaluation of adsorption potential of peels and fruit of water chestnut for Reactive yellow dye and estimation of antioxidant potential of water chestnut. O-24 in 1st International Conference on Global Environmental Changes, January 15-16, 2013, Government College University, Faisalabad, Pakistan pp. 35-36.
43. Muhammad Riaz, **Raziya Nadeem**, Muhammad Asif Hanif, Muhammad Adeel Hanif, Shaukat Ali, Yasmeen Gull, Mnaza Noreen, Muhammd Ibrahim, Iftikhar Hussain bukhari. Biosorption of lead by chemically pretreated cotton leaves biomass. P-152 in 1st International Conference on Global Environmental Changes, January 15-16, 2013, Government College University, Faisalabad, Pakistan pp. 122.

44. Yasmeen Gull, **Raziya Nadeem**, Mnaza Noreen, Nasir Rasool, Muhammad Riaz, Hafiz Muhammad Adeel, Muhammd Ibrahim. Biosorption of Pb(II) from synthetic solution by acidic and basic pretreated Neem (*Azadirachta indica*) leaves. P-156 in 1st International Conference on Global Environmental Changes, January 15-16, 2013, Government College University, Faisalabad, Pakistan pp. 123.
45. Qaiser Manzoor , **Raziya Nadeem**. Removal of Cu(II) from aqueous solution by using free and immobilized *Mangifera indica* kernel waste biomass.OL-212 in 5th Chemistry Conference 2013 on Chemistry in Engineering and Life Sciences, November 04-06,2013, PINSTECH, Islamabad, Pakistan.pp.7
46. Attia Fatima, **Raziya Nadeem** and Hazafa Zafar. Equilibrium and Kinetic Studies of Bioremediation of Zn (II) Ions Using Chemically Modified Biosorbant of *Trapa Natans* L. Peels. PP-022 in 5th Chemistry Conference 2013 on Chemistry in Engineering and Life Sciences, November 04-06,2013, PINSTECH, Islamabad, Pakistan.pp.45
47. Mariyam Atique, **Raziya Nadeem** and Hazafa Zafar. The Use of Glossy Brown Shells of *Trapa Natans* after Chemical Amendments for Water Treatments: Equilibrium and Kinetic Studies. PP-030 in 5th Chemistry Conference 2013 on Chemistry in Engineering and Life Sciences, November 04-06,2013, PINSTECH, Islamabad, Pakistan.pp.49
48. Tariq Mahmood Ansari, Shazia Shaheen, Muhammas Asif Hanif and **Raziya Nadeem**. Removal of Cd (II) from Aqueous Solution using Waste Biomass of *Litchi Chinensis*.OP in 12th International and 24th National Chemistry conference October 28-30, 2013. Institute of chemical sciences. Bahauddin Zikariya University Multan-Pakistan. pp. 40.
49. Qaisar Manzoor, **Raziya Nadeem**, Tariq Mahmood Ansari. Removal of Cd (II) from Aqueous Solution by using Free and Immobilized *Mangifera Indica* Peel and Seed Waste Biomass. PP in 12th International and 24th National Chemistry conference October 28-30, 2013. Institute of chemical sciences. Bahauddin Zikariya University Multan-Pakistan. pp. 174.
50. Mahak Naeem, **Raziya Nadeem**, Hazafa Zafar, Asif Hanif, Kalsoom Akhter. Atomic Absorption Spectrometric Determinations of Co (II) Uptake using Low Cost Biomass of Physically Modified Corncob: Equilibrium and Kinetic Studies. Poster Presentation in International Conference on Biotechnology, April 22-26 April, 2013. National Institute for Biotechnology and Genetic Engineering, Faisalabad, Pakistan. pp 200.
51. Attia Fatima, **Raziya Nadeem**, Marium Atique, Hazafa Zafar, Tariq Mehmood Ansari and Ahmad Mukhtar Khali. Biological remediation of Zn (II) contaminated aqueous solution using modified *Trapa natans*.L peels: Equilibrium and Kinetic Studies. in the “International Conference of Biochemical and Chemical Sciences (ICBCS-2014) ” held on February, 24-26, 2014 organized by Department of

- Chemistry and Biochemistry, University of Agriculture, Faisalabad. Oral presentation. pp 101
52. Iram Shahzadi, Sumaira Mumtaz, **Raziya Nadeem**, Muhammad Asif Hanif, Muhammad Idress Jilani. Chemical constituents, antimicrobial and antioxidant potentials of methanol and petroleum ether extract of *Livistona chinensis* oleoresin. in the “International Conference of Biochemical and Chemical Sciences (ICBCS-2014)” held on February, 24-26, 2014 organized by Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad. Poster No. 83, p.154
 53. **Raziya Nadeem**, Tariq Mahmood Ansari, Ahmad Mukhtar Khalid, Muhammad Saleem Khan and Kalsoom Akhtar. Heavy metals sorption by *Cassia fistula* pods derived biochar (CFPB). International workshop on Biochar in Pakistan: opportunities and potential. March 24-27, 2014 at University of Agriculture, Faisalabad. pp.81
 54. Kalsoom Sarwar, **Raziya Nadeem**, Sameera Nasr Khan, Attia Fatima, Sadia Subhan, Maryum Atique. An Investigation of Co(II) Sorption by Original and KMnO₄ Pretreated *Trapa Natan* Biopolymer. in the “14th International and 26th national chemistry Conference held on October, 5-8, 2015 organized by Department of Biochemistry and Biotechnology, The Islamia University Bahawalpur, Bahawalpur. P-148 pp 142-143
 55. **Raziya Nadeem**, Nabia Fatima, Saba Jamil, Hazafa Zafar, Madiha Rafiq and Tahira Iqbal. Synthesis of Surface Engineered Magnetic Nano-Particles and its Application for Removal of Cu (II) From Aqueous Solution. BGT-02. Published in Book of Abstracts, Sixth International Conference on Environmentally Sustainable Development ESDEV – 2015, 23-25 August 2015, Department of Environmental Sciences, COMSATS Institute of Information Technology, Abbottabad, Pakistan
 56. Muhammad Riaz, **Raziya Nadeem**, Rabia Riaz, A. R.A. Alias, Mehar-Un-Nisa. Kinetic And Equilibrium Modeling for Biosorption of Lead (II) By Chemically Modified Cotton Leaves Biomass. AWT-30. Published in Book of Abstracts, Sixth International Conference on Environmentally Sustainable Development ESDEV – 2015, 23-25 August 2015, Department of Environmental Sciences, COMSATS Institute of Information Technology, Abbottabad, Pakistan
 57. Aamna Nazir, Muhammad Riaz, Muhammad Nasrullah, **Raziya Nadeem**, Muhammad Asif Hanif, Tahrim-Un-Nisa. Evaluation of phytochemical, antioxidant and cytotoxicity studies of *Carica papaya* (Papaya) seeds extract and its use for stabilization of vegetable oil. In the International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016) (February, 22-24, 2016) organized by Department of Biochemistry, University of Agriculture, Faisalabad. 4.31-P on pp 277
 58. Amtur Rehman Abbas Alias, Misbah, Muhammad Riaz, Beenish Javaid, **Raziya Nadeem** and Rabia Riaz. Biosorption of Cr (VI) metal ions by chemically treated *Zea maiz* (corn cob) In the International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016) (February, 22-24, 2016) organized

- by Department of Biochemistry, University of Agriculture, Faisalabad. 5.2-P on pp 335
59. Maryam Mushtaq , Muhammad Riaz, Muhammad Nasrullah , **Raziya Nadeem** , Beenish Javaid , Rabia Riaz , Mehar Un Nisa. Biosorption of Lead (II) from aqueous solutions using *Musa paradisiaca* leaves waste biomass In the International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016) (February, 22-24, 2016) organized by Department of Biochemistry, University of Agriculture, Faisalabad. 5.4-P on pp 337
 60. Rabia Riaz , Muhammad Riaz, A.R.A. Alias , Raziya Nadeem, Misbah, Eman, Rida Javed , Khadija Akram. Evaluation of effect of chemically treated *Dalbergia sissoo* leaves on biosorption of Pb (II) from industrial waste water In the International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016) (February, 22-24, 2016) organized by Department of Biochemistry, University of Agriculture, Faisalabad. 5.7-P on pp 340
 61. Sumaira Younis, **Raziya Nadeem**, Nabia Fatima, Madiha Rafiq , Rohama Gill , Tariq Mehmood Ansari. Effective exclusion of Pb (II) from aqueous solution by magnetic nanoparticle (Fe_3O_4) impregnated onto rice bran. In the International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016) (February, 22-24, 2016) organized by Department of Biochemistry, University of Agriculture, Faisalabad. 5.16- P on pp 349
 62. Madiha Rafiq. **Raziya Nadeem**, Muhammad Asif Hanif, Sohaira Atta, Muhammad Waseem. Enhanced Biosorption of Co(II) Ions by pretreated Biomass of *Alstonia Scholaris*(Devil tree). 27th National and 15th International Chemistry Conference, 22-25 August 2016. Department of Chemistry, University of Malakand, Khyber Pukhtoonkhwa, Pakistan.
 63. Nabia Fatima, **Raziya Nadeem**, Tahira Iqbal, Hazafa Zafar, Sehrish Naz. Fabrication and application of surface complex nanoparticles for metal removal from aqueous solution. 27th National and 15th International Chemistry Conference, 22-25 August 2016. Department of Chemistry, University of Malakand, Khyber Pukhtoonkhwa, Pakistan.
 64. Muhammad Waseem, **Raziya Nadeem**, Madiha Rafiq, Nabia Fatima, Abdul Basit. Synthesis and utilization of magnetic ferrite nanoparticles for the removal of Pb(II) from aqueous media. 27th National and 15th International Chemistry Conference, 22-25 August 2016. Department of Chemistry, University of Malakand, Khyber Pukhtoonkhwa, Pakistan.
 65. Amtur Rehman Abbas Alias, Misbah, Muhammad Riaz, **Raziya Nadeem**, Rabia Riaz, Muhammad Suleman. Biosorption of Cr(VI) metal ions by chemically treated Zea maiz (Corn cob). 27th National and 15th International Chemistry Conference, 22-25 August 2016. Department of Chemistry, University of Malakand, Khyber Pukhtoonkhwa, Pakistan.
 66. Abdul Waheed, Tahira Iqbal, Muhammad Anjum, **Raziya Nadeem**. Association of BCL-2 with Viral Load in Hepatitis C Patients. 1st National Conference on

- emerging trends in Bioinformatics & Biosciences, 20-22 July, 2017. Department of Bioinformatics, Hazara University, Khyber Pukhtoonkhwa, Pakistan.
67. Hafsa Moazzam, **Raziya Nadeem**, Sadaf Nazir, Shazia Perveen 2018. Waste water treatment by using graphene oxide based metal nanocomposites. Abstract published in 10th National chemistry conference "Chemistry in Engineering and life Sciences (CELS-2018)", 7th to 9th August, PINSTECH, Islamabad, Pakistan.PP-14,p.54
 68. Iqra Saleem, **Raziya Nadeem**, Amara Amjad, Shazia Perveen 2018. Elimination of phosphate from aqueous solution using biochar based ZnO nanocomposites. Abstract published in 10th National chemistry conference "Chemistry in Engineering and life Sciences (CELS-2018)", 7th to 9th August, PINSTECH, Islamabad, Pakistan.PP-15,55
 69. Asad Rubab,Rida Amjad, **Raziya Nadeem**, Aysesha Siddiqua,Saima Kauserr, Tahira Iqbal,, Abdul Qayyum, Munazzah Sajid. Fabrication of green copper Nanocomposites for the removal of drugs from aqueous solution. Abstract published in 10th National chemistry conference "Chemistry in Engineering and life Sciences (CELS-2018)", 7th to 9th August, PINSTECH, Islamabad, Pakistan.PP-16,p56
 70. Sehrish Khan, **Raziya Nadeem**, Hafsa Moazzam, Sadaf Nazir 2018. Green synthesis of iron nanoparticles using Oenothera biennis for photo catalytic degradation of dye. Abstract published in 1st National Conference on Medicinal Plants Research (1st NCMPR), 29th-31th August, Gilgit, Pakistan.
 71. Amara Amjad, **Raziya Nadeem**, Iqra Saleem, Shazia Perveen 2018. Removal of Reactive Blue19 Dye from aqueous solution using Biochar based Fe-nanocomposites. Abstract Published in 29th National and 17th International Chemistry Conference CHEMCON-2018, 06th-08th September, Khyber Pakhtunkhwa, Pakistan.
 72. Sadaf Nazir, **Raziya Nadeem**, Zia Ahmed, Shazia Perveen 2018. Fabrication of graphene oxide and graphene based MgO nanocomposites for degradation of dye. Abstract Published in 29th National and 17th International Chemistry Conference CHEMCON-2018, 06th-08th September, Khyber Pakhtunkhwa, Pakistan.
 73. Hafsa Moazzam, **Raziya Nadeem**, Zia Ahmed 2018. Green synthesis of metal doped reduced graphene oxide (rGO) based nanocomposites for photo catalytic degradation of antibiotics. Abstract Published in 29th National and 17th International Chemistry Conference CHEMCON-2018, 06th-08th September, Khyber Pakhtunkhwa, Pakistan.
 74. Iqra Saleem, **Raziya Nadeem**, Ammara Amjad, Sumaira Mumtaz, Sadaf Nazir and Hafsa Moazzam . Elimination of Dyes from Aqueous Solution using Biochar Based ZnO Nanocomposites. Abstract published in 2nd International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2018) December 09-11, 2018, Organized by Department of Biochemistry University of Agriculture Faisalabad, Pakistan.P-149,PP.191

75. Fajar-un-Nisa and Dr. Raziya Nadeem and Mr. Anwar ul haq. The removal of reactive yellow 145 dye from waste water by using wetland plant and activated carbon of *Cassia fistula* impregnated with copper nanoparticles. International Symposium on “Technologies and Materials for Renewable Energy, Environment and Sustainability” (6-7th February 2019). Department of Chemistry, University of Agriculture Faisalabad, Pakistan. TMREES/OP/46. pp.58
76. Aniqah Ishaq, Muhammad Asif Hanif, **Raziya Nadeem** and Tooba Ashraf. Bioactive Derivatives of Thuja Oil. Abstract Published in International Symposium on “Technologies and Materials for Renewable Energy, Environment and Sustainability” (6-7th February 2019). Department of Chemistry, University of Agriculture Faisalabad, Pakistan. TMREES/PP/45. pp.115
77. Muhammad Raffi Shehzad, Muhammad Asif Hanif, **Raziya Nadeem** and Rafia Rehman. Variations in Menthol Contents of *Mentha arvensis* in Response to Application of Growth Regulators. Abstract Published in International Symposium on “Technologies and Materials for Renewable Energy, Environment and Sustainability” (6-7th February 2019). Department of Chemistry, University of Agriculture Faisalabad, Pakistan. TMREES/PP/67. pp.137
78. Shazia Perveen, Raziya Nadeem, and Amna Ashfaq. Synthesis of novel biochar supported ZnO nanocomposites with enhanced Removal of tartrazine dye from aqueous solution using batch experimental mode. Abstract Published in 1st International Conference on Surface Science, Innovations and Applications for Geoenvironmental Challenges, 25-26 April, 2019 organized by Institute of Soil and Environmental Sciences, UAF at CAS, UAF. ICSS/I2019/AGC/OP/35. pp.38
79. Sumaira Mumtaz, Raziya Nadeem, Shazia Perveen and Saima Noreen. Biomedical Potential of Green Synthesized Nanomaterials from the Aqueous Leaves Extract of *Polyalthia longifolia*. Abstract Published in One Day Symposium on Nanomedicine: Current Scenario and future Perspectives., August 06, 2019 organized by Institute of Pharmacy, Physiology & Pharmacocology, UAF at CAS, UAF.No.2 pp.7
80. Maryam Yousaf, Muhammad Ahmad, Ijaz Ahmad Bhatti, Raziya Nadeem. Fluorine decorated graphene quantum dots as nano-medicine for the inhibition of hIAPP amyloid aggregation. Abstract Published in One Day Symposium on Nanomedicine: Current Scenario and future Perspectives., August 06, 2019 organized by Institute of Pharmacy, Physiology & Pharmacocology, UAF at CAS, UAF.No. 20. pp.25
81. Shazia Perveen, Raziya Nadeem, Fouzia Yousaf, Tehreem Naz, Sadia Noreen. Effect of environmental variables on the synthesis of Iron oxide nanoparticles synthesized from *Plumeria obtusa* aqueous extract: An optical study and characterization. P-02, International Conference on Innovation in Chemistry and Physics (ICP-2022) Organized by University of Education, Faisalabad Campus March 14-15, 2022, pp-66

Students Supervised:

Completed: M.Sc.179, M.Phil. 179, Ph.D. 02
Under-supervision: M.Phil. 17