

DR. RABIA REHMAN

(MRS. RAJA EJAZ)

D/O: Abdul Rehman

Assistant Professor, Institute of Chemistry,
University of the Punjab, New Campus,
Lahore-54590, Pakistan



PERSONAL PROFILE

Date of birth: 09/12/1984
N.I.C No: 35202-3599098-0
Domicile: Lahore [Punjab]
Religion: Islam
Marital state: Married (Children: 3 Daughters)

CONTACT INFORMATION

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QUALIFICATIONS:

CERTIFICATE	YEAR	NAME OF INSTITUTION	MARKS	PERCENTAGE	DIVISION
Ph.D [Chemistry]	2016	Institute of Chemistry, University of the Punjab, Lahore.	3.75 CGPA	Thesis Title: Comparative Study of Effective Chemical Modification of Novel Biosorbents Used for Heavy Metals Phytofiltration for Water Treatment	
B.Ed [General]	2008	Allama Iqbal Open University, Islamabad.	685/900	76%	1 ST DIV
M.Sc [Chemistry]	2006	Institute of Chemistry, University of the Punjab, Lahore.	879/1200	73.25%	1 ST DIV
B.Sc [Botany, Zoology, Chemistry]	2004	Garrison Post Graduate College for Women, Lahore Cantt, Lahore.	587/800	73.375%	1 ST DIV
F.Sc [Pre-Medical]	2002	Garrison Post Graduate College for Women, Lahore Cantt, Lahore.	781/1100	71%	1 ST DIV
Matric [Science]	2000	M. C. Girls High School Mansoorabad, Faisalabad.	677/850	79.65%	1 ST DIV

DISTINCTIONS

- **M.Sc:** 5th Position in M.Sc. Chemistry, University of the Punjab, Lahore, Pakistan.
- **B.Sc:** 2nd Position in B.Sc., Garrison Post Graduate College for Women, Lahore Cantt, Pakistan.

RESEARCH ACCOMPLISHMENTS

Thesis supervised:	M.Sc: 46	B.S : 17
	M.Phil: 17	Ph.D: 03 in process
Publications:	108	
Total Impact Factor \approx	101.551	

CAREER PROFILE / PROFESSIONAL EXPERIENCE

POSITION HELD	DURATION
Assistant Professor <i>Inorganic Chemistry</i> (Institute of Chemistry) University of the Punjab, Lahore.	15 th Jan, 2016 to-date (on Adhoc basis)
Lecturer <i>Inorganic Chemistry</i> (Institute of Chemistry) University of the Punjab, Lahore.	18 th Feb, 2009 to 14 th Jan, 2016 (Permanent BPS)
Lecturer Punjab College of Science, Lahore.	Sep, 2007 to Mid of February, 2009
Scientific Officer (Institute of Chemistry) University of the Punjab, Lahore.	June, 2007 to Aug, 2007
Student Demonstrator <i>Inorganic Section</i> (Institute of Chemistry) University of the Punjab, Lahore.	Dec, 2006 to May, 2007
Lecturer Kashmir College For Women, Lahore.	Sep, 2006 to Nov, 2006

COMPUTER EXPERTISE

- Windows (XP, 98, 2000, 2007)
- Microsoft Office (Word, Excel, Power point)
- SPSS
- Chems sketch
- Endnote

PROFESSIONAL ACTIVITIES

- ✕ Acting as External Examiner for B.Sc, B.S, M.Sc, M.Phil and Ph.D (Chemistry) Programme of University of the Punjab.
- ✕ Acting as Internal Examiner for B.S and M.Sc, M.Phil and Ph.D (Chemistry) Programme of University of the Punjab.
- ✕ Acting as External Examiner for B.S (Geology, paper: Chemistry) of University of the Punjab.
- ✕ Participated as a **Judge and Mentor** in “National Science Fair 2010-11”, organized by Intel International Science and Engineering Fair (ISEF).
- ✕ Acting as **Reviewer** for “*Journal of the Chemical Society of Pakistan*”.
- ✕ **Co-Editor** in “*Sustainable Agriculture Research*” Journal of Canadian Center of Science and Education.
- ✕ **Co-Editor** in “*Environment and Pollution*” Journal of Canadian Center of Science and Education.
- ✕ **Co-Editor** in “*International Journal of Chemistry*” Journal of Canadian Center of Science and Education.

- ✕ **Associate-Editor** in “*Energy and Environment Research*” Journal of Canadian Center of Science and Education.
- ✕ Acting as **Reviewer** for “*International Journal of Environmental Science and Technology*” (Springer-IF: 2.190).
- ✕ Acting as **Reviewer** for “*Nanoscale*” (RSC publishers-IF: 7.394).
- ✕ Acting as **Reviewer** for “*RSC Advances*” (RSC publishers-IF: 3.840).
- ✕ Acting as **Reviewer** for “*Environment and Natural Resources Research*”.
- ✕ Acting as **Reviewer** for “*Global Advanced Research Journal of Economics accounting and Finance*”.
- ✕ Acting as **Reviewer** for “*Advances in Pharmacy and Pharmacology*”.
- ✕ Acting as **Reviewer** for “*International Journal of Biotechnology and Food Science*”.
- ✕ Participated as a **Judge and Mentor** in “National Science Fair 2011-12”, organized by Intel International Science and Engineering Fair (ISEF).
- ✕ Acting as **Reviewer** for “*World Journal of Biochemistry and Biotechnology*”.
- ✕ Acting as **Reviewer** for “*Desalination and Water Treatment*” (Taylor & Francis-IF: 0.854).
- ✕ Acting as **Reviewer** for “*e-books Publications Department, Bentham Science Publishers*”.
- ✕ Acting as **Reviewer** for “*Journal of Chemistry*” (Hindawi Publishing Corporation-IF: 1.790).
- ✕ Acting as **Reviewer** for “*American Chemical Science Journal*” (ISSN: 2249-0205).
- ✕ Participated as a **Judge and Mentor** in “National Science Fair 2012-13”, organized by Intel International Science and Engineering Fair (ISEF).
- ✕ Acting as **Reviewer** for “*Journal of the Taiwan Institute of Chemical Engineers*” (Elsevier-I.F:3.000).
- ✕ Acting as **Reviewer** for “*Journal of Microscopy and Ultrastructure*” (Elsevier Publisher, ISSN: 2213-879X).
- ✕ Acting as **Reviewer** for “*International Journal of Research in Chemistry and Environment* (ISSN 2248-9649).
- ✕ Acting as **Reviewer** for “*Fullerenes, Nanotubes and Carbon Nanostructures*” (Taylor & Francis-IF: 0.836).
- ✕ Acting as **Reviewer** for “*Journal of Industrial and Engineering Chemistry*” (Elsevier-I.F:3.512).
- ✕ Acting as **Reviewer** for “*Analytical Letters*” (Taylor & Francis-IF: 1.031).
- ✕ Acting as **Reviewer** for “*International Journal of Food Engineering*” (De Gruyter-IF: 0.497).
- ✕ Acting as **Reviewer** for “*Environmental Technology* (Taylor & Francis-IF: 1.560).
- ✕ Acting as **Reviewer** for “*Pharmaceutical Biology* (Taylor & Francis-IF: 1.241).
- ✕ Acting as **Reviewer** for “*Sky Journal of Biochemistry Research*”.
- ✕ Acting as **Reviewer** for “*Green Processing and Synthesis*” (De Gruyter- I.F 1.125).
- ✕ Acting as **Reviewer** for “*Natural Product Research*” (Taylor & Francis-I.F 0.919).
- ✕ Acting as **Reviewer** for “*Journal of Essential Oil Bearing Plants*” (Taylor & Francis-I.F 0.306).
- ✕ Acting as **Reviewer** for “*Journal of Molecular Liquids*” (Elsevier Publisher, I.F 2.515).
- ✕ Acting as **Reviewer** for “*Reviews in Inorganic Chemistry*” (De Gruyter- I.F 0.636).

ADMINISTRATIVE DUTIES

- ✕ Member Board of Faculty of Science, University of the Punjab, Lahore, from September 2011 to December 2014.
- ✕ Member Board of Studies, Institute of Chemistry, University of the Punjab, Lahore, from November 2011 to November 2014.
- ✕ Member Sports committee, Institute of Chemistry, University of the Punjab, Lahore, since 2009.
- ✕ Member Admission committee, Institute of Chemistry, University of the Punjab, Lahore in 2009-2011 duration.
- ✕ Member Annual stock checking committee, Institute of Chemistry, University of the Punjab, Lahore, since 2009.
- ✕ Member Organizing Committee of 13th international & 25th national conference, arranged by The Chemical Society of Pakistan, held in Institute of Chemistry, University of the Punjab, Quaid-i-Azam Campus Lahore, Pakistan on 20-22 October, 2014.
- ✕ Member Organizing Committee of Annual dinner and prize distribution ceremony-2015, arranged at Institute of Chemistry, University of the Punjab, Quaid-i-Azam Campus Lahore, Pakistan on 8th May, 2015.
- ✕ Member Organizing Committee of 7th Pak Pharma Health care Expo 2018 and 1st GRIP International Conference on “Pharmaceutical and Biochemical sciences (CPBS)” at Expo Centre, Lahore on 23-24th January, 2018.
- ✕ Member Disciplinary Committee Institute of Chemistry, University of the Punjab, Lahore, since October, 2019.

MEMBERSHIP OF SOCIETIES

- ✕ Member of “**Chemical Society of Pakistan**”, (P0378).
- ✕ Member of “**National Academy of Young Scientists**”.

TRAININGS

- ✕ Five day In-services Teacher Training Program at Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore, in collaboration with HEC, October 18-22,2011.

AWARDS

- ✕ Incentive award Rs. 7,916/- for research publications in year 2010 from University of the Punjab.
- ✕ Incentive award Rs. 73,237/- for research publications in year 2011 from University of the Punjab.
- ✕ Performance evaluation award 2011 (65.33%) from University of the Punjab.
- ✕ Incentive award Rs. 2,28,929/- for research publications in year 2012 from University of the Punjab. (2nd highest amount in University).
- ✕ Performance evaluation award 2012 (84%) from University of the Punjab.
- ✕ Research Productivity Award 2012 (G category, score: 1.2037) from Pakistan Council of Science and Technology.
- ✕ Performance evaluation award 2013 (84%) from University of the Punjab.
- ✕ Incentive award Rs. 1,51,548/- for research publications in year 2013 from University of the Punjab. (3rd highest amount in University).
- ✕ Performance evaluation award 2014 (86.67%) from University of the Punjab.
- ✕ Incentive award Rs. 74083/- for research publications in year 2014 from University of the Punjab.

- ✘ Performance evaluation award 2015 (86.67%) from University of the Punjab.
- ✘ Incentive award Rs. 42875/- for research publications in year 2015 from University of the Punjab.
- ✘ Performance evaluation award 2016 (84%) from University of the Punjab.
- ✘ Incentive award Rs. 42477/- for research publications in year 2016 from University of the Punjab.
- ✘ Incentive award Rs. 31000/- for research publications in year 2017 from University of the Punjab.
- ✘ Performance evaluation award 2017 (75.33%) from University of the Punjab.
- ✘ Incentive award Rs. 69905/- for research publications in year 2018 from University of the Punjab.
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RESEARCH INTERESTS

- ✘ Chemical analysis of environmental pollutants
- ✘ Development of new methods for purification of water
- ✘ Wastewater treatment by biosorption
- ✘ Synthesis and characterization of new agro-waste material based polymer composites
- ✘ Synthesis of coordination compounds and their applications
- ✘ Development of flame spectroscopic and spectrophotometric methods of analysis
- ✘ Assay of herbal plants by adopting new analytical methods
- ✘ Indirect methods for anion determination based on atomic absorption spectroscopy
- ✘ Catalytic and thermal degradation and recycling of waste polymers into value added materials
- ✘ Assay of pharmaceutical products by new spectroscopic methods
- ✘ Application of microwave chemistry

COURSES TAUGHT AT HOME INSTITUTE

- ✘ Organic Reagents used in Inorganic Analysis
- ✘ Chromatographic Techniques
- ✘ Metallic Bonding
- ✘ Coordination Compounds
- ✘ The Covalent Bond
- ✘ Lanthanides and Actinides
- ✘ Stereochemistry and Bonding in Main Group Compounds
- ✘ Periodicity
- ✘ Reactions in Aqueous and Non-aqueous Solvents
- ✘ Radioactivity
- ✘ Atomic spectroscopy
- ✘ Kinetics and Mechanism of Reaction of Coordination Compounds
- ✘ Inorganic Chemistry in Biological Systems
- ✘ Some Thermodynamic aspects of Inorganic Chemistry
- ✘ Chemistry of Oxides

BOOKS

1. ***“Inorganic Chemistry, Laboratory Manual”***, for B.Sc & B.S 4 years, published by Carvan Book House Lahore in 2013. (Co-author Haq Nawaz Bhatti).
2. ***“Advanced Inorganic Chemistry”***, for B.S & M.Sc Students, published by Carvan Book House Lahore. (Co-author Haq Nawaz Bhatti).
1st edition: 2014
2nd edition: 2015

3. **“Experimental Inorganic Chemistry”**, for M.Sc & B.S & Students, published by Carvan Book House Lahore in **2015**. (Co-author Haq Nawaz Bhatti).
4. Following three chapters were contributed in **“Principles of Analytical Chemistry”** for Post Graduate Students, published by Carvan Book House Lahore in **2017**. (Co-author Haq Nawaz Bhatti).
 - (i) *Chemical Analysis and Data Handling (pages:1-46)*
 - (ii) *Classical Analytical Methods (pages:91-148)*
 - (iii) *Analytical Atomic Spectroscopy (pages:241-328)*
5. **“Advanced Experimental Inorganic Chemistry”**, for Postgraduate Students, published by Carvan Book House Lahore in **2017**. (Co-author Haq Nawaz Bhatti).
6. **“Experimental Analytical Chemistry”**, for B.S & M.Sc Students, published by Carvan Book House Lahore in **2020**. (Co-author Haq Nawaz Bhatti and Muhammad Asif Tahir).

LIST OF PUBLICATIONS IS ATTACHED HEREWITH

Citation Index:	All	Since 2015
Citation	816	625
h-index	15	12
i10-index	26	20

Sr. No.	PUBLICATIONS	IMPACT FACTOR
(a)	2010	
1.	Synthesis, characterization and study of antibacterial activity of enamionone complexes of zinc and iron, Arabian Journal of Chemistry , 3 (4), 219-224 (2010).	4.762
2.	Evaluation of Selenium Content of Plant Samples Collected from Indigenous Sources for Se-supplementation, Journal of the Chemical Society of Pakistan , 32 (5), 589-591 (2010).	0.300
3.	N-[4-(Phenyliminomethyl)acetamide 0.63-hydrate, Acta Crystallographica Section E-Structure Reports Online , 66 , 2781 (2010).	0.347 (JCR 2011)
4.	Synthesis of Tallow Based Esterquat, Journal of Scientific Research , 40 (1), 31-36 (2010).	-
5.	Removal of chromium from water using peas waste-a green approach, Green Chemistry Letters and Reviews , 3 (3), 239-243 (2010).	3.286
(b)	2011	
6.	Removal of chromium on <i>Polyalthia longifolia</i> leaves biomass, International Journal of Phytoremediation , 13 (5), 410-420, (2011).	2.528
7.	Novel methods to determine sulfide in aqueous samples by quantification of lead sulfide spots, Journal of Sulfur Chemistry , 32 (2), 151-157 (2011).	1.963
8.	Removal of Alizarin Red S (dye) from aqueous media by using alumina as an adsorbent, Journal of the Chemical Society of Pakistan , 33 (2), 228-232 (2011).	0.300
9.	Estimation of Chromium (VI) in various body parts of Local Chicken, Journal of the Chemical Society of Pakistan , 33 (3), 339-342 (2011).	0.300
10.	Synthesis, characterization and antibacterial activity of some enamionones and their complexes with Nickel (II) and Antimony (III), Journal of the Chemical Society of Pakistan , 33 (3), 426-432 (2011).	0.300
11.	Comparative study of Brilliant Green dye adsorption from water by Radish Peels, Jamun stem and Coal, Electronic Journal of Environmental, Agricultural and Food Chemistry , 10 (7), 2531-2543 (2011).	0.18 (Non ISI)
12.	Removal of Murexide (Dye) from aqueous media using Rice Husk as an adsorbent, Journal of the Chemical Society of Pakistan , 33 (4), 598-603 (2011).	0.300

13.	Influence of operating conditions on the removal of Brilliant Vital Red Dye from aqueous media by biosorption using Rice Husk, <i>Journal of the Chemical Society of Pakistan</i> , 33 (4), 515-521 (2011).	0.300
14.	Adsorption modeling of Alizarin yellow using treated and untreated charcoal, <i>Turkish Journal of Engineering and Environmental Sciences</i> , 35 (3), 209-216 (2011).	0.28 (Non ISI)
15.	A rapid, economical, and eco-friendly method to recycle terephthalic acid from waste poly (ethylene terephthalate) bottles, <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 60 (14), 1147-1151 (2011).	1.982
16.	Minerals and Nutritional Composition of Camel (<i>Camelus dromedarius</i>) Meat in Pakistan, <i>Journal of the Chemical Society of Pakistan</i> , 33 (6), 835-838 (2011).	0.300
17.	Evaluation of batch biosorption of chromium (VI) from aqueous solution by chemically modified <i>Polyalthia longifolia</i> leaves, <i>Journal of the Chemical Society of Pakistan</i> , 33 (6), 846-852 (2011).	0.300
18.	Assessment of concentration of Lead, Cadmium, Chromium and Selenium in blood serum of Cancer and Diabetic patients of Pakistan, <i>Journal of the Chemical Society of Pakistan</i> , 33 (6), 869-873 (2011).	0.300
19.	Adsorption studies of cadmium (II) using novel composites of polyaniline with rice husk and saw dust of <i>Eucalyptus camaldulensis</i> , <i>Electronic Journal of Environmental, Agricultural and Food Chemistry</i> , 10 (10), 2972-2985 (2011).	0.18 (Non ISI)
20.	A Rapid Method for Measurement of Nickel and Chromium at Trace Level in Aqueous Samples, <i>Journal of the Mexican Chemical Society</i> , 55 (4), 213-216 (2011).	0.538
21.	Removal of Methylene Blue dye from water using chemically modified <i>Polyalthia longifolia</i> leaves as biosorbent, <i>Proceedings of International Conference on Water, Energy and Environment 2011</i> , pp. 612-617.	-
(c)	2012	
22.	Micro-determination of arsenic in aqueous samples by Image Scanning and Computational Quantification, <i>Analytical Methods</i> , 4 (1), 242-246 (2012).	2.596
23.	Isothermal and thermodynamical modeling of chromium (III) adsorption by composites of polyaniline with rice husk and saw dust, <i>Journal of the Chilean Chemical Society</i> , 57 (1), 1058-1063 (2012).	0.671
24.	Synthesis, analytical and antibacterial studies of N-[4-(phenyliminomethyl)phenyl]acetamide 0.67-hydrate and its complexes with Manganese (II), Cobalt (II) and Nickel (II), <i>Journal of the Chemical Society of Pakistan</i> , 34 (1), 67-71 (2012).	0.300
25.	Comparative removal of Congo Red dye from water by adsorption on <i>Grewia asiatica</i> leaves, <i>Raphanus sativus</i> peels and activated charcoal, <i>Journal of the Chemical Society of Pakistan</i> , 34 (1), 112-119 (2012).	0.300
26.	Isothermal Modeling of batch biosorption of Brilliant Green dye from water by chemically modified <i>Eugenia jambolana</i> leaves, <i>Journal of the Chemical Society of Pakistan</i> , 34 (1), 136-143 (2012).	0.300
27.	Removal of Arsenic from water using pine leaves, <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 43 (2), 256-263 (2012).	4.794
28.	Comparative study of mineral ion composition in seeds of medicinal plants employed in antidiabetic herbal/ Ayurvedic medicines, <i>Electronic Journal of Environmental, Agricultural and Food Chemistry</i> , 11 (2), 68-75 (2012).	0.18 (Non ISI)
29.	Comparative thermal and catalytic recycling of low density polyethylene into diesel-like oil using different commercial catalysts, <i>Electronic Journal of Environmental, Agricultural and Food Chemistry</i> , 11 (2), 96-105 (2012).	0.18 (Non ISI)

30.	Optimization of operational conditions for batchwise biosorption of chromium (VI) using chemically treated <i>Alstonia scholaris</i> leaves as biosorbent, <i>Journal of the Chemical Society of Pakistan</i>, 34 (2), 292-298 (2012).	0.300
31.	Statistical analysis and quantification of alpha tocopherol in edible seeds and nuts of Pakistan by reversed phase HPLC with UV/Visible detector, <i>Journal of the Chemical Society of Pakistan</i>, 34 (2), 302-305 (2012).	0.300
32.	Microwave assisted synthesis of Esterquat for fabric softening applications, <i>Journal of the Chemical Society of Pakistan</i>, 34 (2), 415-418 (2012).	0.300
33.	Thermodynamical and isothermal modeling of Methylene Blue dye batch biosorption on formalin modified <i>Madhuca longifolia</i> leaf powder, <i>Journal of the Chemical Society of Pakistan</i>, 34 (2), 460-467 (2012).	0.300
34.	Statistical analysis of selected heavy metals by ICP-OES in hair and nails of cancer and diabetic patients of Pakistan, <i>Electronic Journal of Environmental, Agricultural and Food Chemistry</i>, 11 (3), 163-171 (2012).	0.18 (Non ISI)
35.	Microanalysis of Mercury in Fish and Root Vegetable samples by Image Scanning Densitometry using Computationally Quantified Spot Tests, <i>Electronic Journal of Environmental, Agricultural and Food Chemistry</i>, 11 (4), 279-285 (2012).	0.18 (Non ISI)
36.	Toxic and nutritive elements analysis of commercially available tea samples of Pakistan by ICPOES employing microwave digestion, <i>Electronic Journal of Environmental, Agricultural and Food Chemistry</i>, 11 (5), 459-468, 2012.	0.18 (Non ISI)
37.	Forced migration of soluble and suspended materials by freezing front in aqueous systems, <i>Journal of Hydro-environment Research</i>, 6 (3), 221-226 (2012). DOI information: 10.1016/j.jher.2011.10.001	2.099
38.	Removal of formaldehyde from aqueous solution by adsorption on kaolin and bentonite-a comparative study. <i>Turkish Journal of Engineering and Environmental Sciences</i>, 36 (3), 263-270 (2012). doi:10.3906/muh-1109-8	0.28 (Non ISI)
39.	Biosorptive treatment of Acid Yellow-73 dye solution with chemically modified <i>Eugenia jambolana</i> seeds, <i>Journal of the Chemical Society of Pakistan</i>, 34 (5), 1120-1126 (2012).	0.300
40.	Batchwise removal of chromium(VI) by adsorption on novel synthesized Polyaniline composites with various brans and isothermal modeling of equilibrium data, <i>Journal of the Chemical Society of Pakistan</i>, 34 (5), 1134-1139 (2012).	0.300
41.	Thermodynamical and mechanistic studies of Direct Red-28 adsorption on <i>Syzygium cumini</i> stem, <i>Journal of the Chemical Society of Pakistan</i>, 34 (5), 1156-1162 (2012).	0.300
42.	Adsorptive removal of Congo Red and Sunset Yellow dyes from water by Lady Finger stem, <i>Journal of the Chemical Society of Pakistan</i>, 34 (5), 1241-1247 (2012).	0.300
43.	Detoxification of Acid Blue-w dye from water using chemically modified <i>Pisum sativum</i> peels as biosorbent-(a green approach), <i>Proceedings of International Conference on Environment 2012 (ICENV 2012), 11-13 December 2012 Penang, Malaysia</i> , pp:103-111.	-
(d)	2013	
44.	Removal of lead (II) from water by adsorption on novel composites of Polyaniline with maize bran, wheat bran and rice bran, <i>Asian Journal of Chemistry</i>, 25 (5), 2399-2404 (2013).	0.355
45.	Effect of temperature variations during cooking and storage on Ascorbic acid contents of vegetables: A comparative study, <i>Journal of the Chemical Society of Pakistan</i>, 35 (1), 1-4 (2013).	0.300
46.	Comparative sorptive removal of Direct Red-28 dye from water using acid, base and 2-propanol treated Okra stem powder, <i>Journal of the Chemical Society of Pakistan</i>, 35 (1), 89-94 (2013).	0.300

47.	Synthesis of novel composites of HCl-doped Polyaniline with Maize, Rice and Wheat flour and study of their structural, optical and conducting Properties, Asian Journal of Chemistry , 25 (7), 3701-3704 (2013).	0.355
48.	Use of Rice Husk Ash for Adsorptive Removal of Cobalt (II) ions along with Kinetic, Isothermal and Thermodynamical Modelling, Journal of the Chemical Society of Pakistan , 35 (2), 295-302 (2013).	0.300
49.	Adsorption Parameters Optimization for Removal of Alizarin Red-S and Brilliant Blue FCF dyes from Water using <i>Abelmoschus esculentus</i> Stem Powder, Journal of the Chemical Society of Pakistan , 35 (2), 443-448 (2013).	0.300
50.	Chemical modification of <i>Oryza sativa</i> Linnaeus husk with Urea for removal of Brilliant Vital Red and Murexide dyes from water by adsorption in environmentally benign way, Journal of the Chemical Society of Pakistan , 35 (2), 510-515 (2013).	0.300
51.	Sorptive Removal of Lead (II) from water using chemically modified mulch of <i>Madhuca longifolia</i> and <i>Polyalthia longifolia</i> as novel biosorbents, Desalination and Water Treatment , 51 (13-15), 2624-2634 (2013).	0.854
52.	Isothermal and thermodynamical modeling of removing cationic dyes through biosorption using simple and chemically modified <i>Eugenia jambolana</i> seeds as biosorbent, Asian Journal of Chemistry , 25 (8), 4261-4266 (2013).	0.355
53.	Sorptive elimination of Alizarin Red-S dye from water using <i>Citrullus lanatus</i> peels in environmentally benign way along with equilibrium data modeling, Asian Journal of Chemistry , 25 (10), 5351-5356 (2013).	0.355
54.	Utilization of chemically modified <i>Citrus reticulata</i> peels for biosorptive removal of Acid Yellow-73 dye from water, Journal of the Chemical Society of Pakistan , 35 (3), 611-616 (2013).	0.300
55.	Comparative study of fluoride concentration in human serum and drinking water in fluorinated endemic and non endemic areas of Pakistan, Journal of the Chemical Society of Pakistan , 35 (3), 1025-1028 (2013).	0.300
56.	Statistical Analysis of Fluoride Levels in Human Urine and Drinking Water samples of Fluorinated Area of Punjab (Pakistan), Journal of the Chemical Society of Pakistan , 35 (3), 1029-1033 (2013).	0.300
57.	Use of <i>Opuntia dillenii</i> seeds for sorptive removal of acidic textile dyes from water in benign way, Asian Journal of Chemistry , 25 (14), 7710-7714, (2013). DOI:10.14233/ajchem.2013.14576	0.355
58.	Kinetic and isothermal biosorption studies of Co(II), Cu(II) and Ni(II) using <i>Polyalthia longifolia</i> leaf powder, Asian Journal of Chemistry , 25 (15), 8285-8288, (2013). DOI:10.14233/ajchem.2013.14713	0.355
59.	Isothermal investigation of Copper (II) and Nickel (II) adsorption from water by Novel Synthesized Polyaniline composites with <i>Polyalthia longifolia</i> and <i>Alastonia scholaris</i> dried leaves, Asian Journal of Chemistry , 25 (16), 9013-9019, (2013). DOI:10.14233/ajchem.2013.14968	0.355
60.	Isothermal evaluation of chemical modification of <i>Ricinus communis</i> stem used for adsorptive removal of Brilliant Blue FCF dye from water, Asian Journal of Chemistry , 25 (16), 9153-9158, (2013). DOI:10.14233/ajchem.2013.15059	0.355
(e)	2014	
61.	Comparative adsorption studies of Indigo carmine dye removal from water by formaldehyde and urea treated cellulose waste of <i>Citrus reticulata</i> peels, Asian Journal of Chemistry , 26 (1), 43-47, (2014). DOI:10.14233/ajchem.2014.15305	0.355
62.	Adsorptive elimination of Chromium(III) and Nickel(II) from water by spent <i>Eugenia jambolana</i> leaves: Isothermal and thermodynamical studies, Asian Journal of Chemistry , 26 (3), 644-648, (2014). DOI:10.14233/ajchem.2014.15460	0.355
63.	Probing Antioxidant Activity of Two Desert Plants Against Superoxide Anion Radical by Differential Pulse Voltammetry, World Applied Sciences Journal , 29 (7), 892-898, (2014). ISSN 1818-4952, DOI: 10.5829/idosi.wasj.2014.29.07.13992.	0.234 (Non ISI)

64.	Mechanistic and characterization studies for sorptive elimination of emerald green dye from water by <i>Arachis hypogea</i> shells and <i>Citrullus lanatus</i> peels, Asian Journal of Chemistry , 26 (9), 2671-2676, (2014). DOI: 10.14233/ajchem.2014.15796	0.355
65.	Comparative isothermal investigation of basic blue-9 dye sorptive removal from water by <i>Eugenia jambolana</i> seeds and <i>Citrullus lanatus</i> peels, Asian Journal of Chemistry , 26 (13), 3827-3832, (2014). DOI:10.14233/ajchem.2014.15957.	0.355
66.	Adsorptive removal of Pb(II) from water using novel synthesized Polyaniline composites with <i>Madhuca longifolia</i> and <i>Eugenia jambolana</i> leaf powder, Asian Journal of Chemistry , 26 (16), 4963-4967, (2014). DOI:10.14233/ajchem.2014.16270	0.355
67.	Synthesis of Polyaniline composites with grinded leaves of <i>Polyalthia longifolia</i> , <i>Syzygium cumini</i> , <i>Alstonia scholaris</i> and <i>Madhuca longifolia</i> and study of their structural, electrical and dielectric properties, Asian Journal of Chemistry , 26 (22), 7519-7522, 2014. DOI:10.14233/ajchem.2014.16649	0.355
68.	Adsorptive removal of a textile cationic dye from water using tartaric acid modified <i>Bassia longifolia</i> dried leaf mulch, International Journal of Environmental Engineering , 6 (4), 426-435, 2014. Reference No. IJEE-36765	-
(f)	2015	
69.	Determination of Iodide, Iodate, Dichromate, Bismuth(III) and Hydrogen Peroxide through Spot Tests Quantification by Computational Image Scanning Densitometry, Asian Journal of Chemistry , 27 (1), 195-198, (2015). DOI:10.14233/ajchem.2015.16855	0.355
70.	Microwave Chemistry: Effect of Ions on Dielectric Heating in Microwave Ovens, Arabian Journal of Chemistry , 8 (1), 100-104, (2015). http://dx.doi.org/10.1016/j.arabjc.2011.01.014	4.762
71.	Adsorptive eradication of Cadmium (II) from water in eco-friendly way using biocomposites of Polyaniline with <i>Madhuca longifolia</i> and <i>Eugenia jambolana</i> leaf powder, Asian Journal of Chemistry , 27 (2), 449-454, (2015). DOI:10.14233/ajchem.2015.16948	0.355
72.	Brilliant Green dye elimination from water using <i>Psidium guajava</i> leaves and <i>Solanum tuberosum</i> peels as adsorbents in environmentally benign way, Journal of Chemistry , vol. 2015, Article ID 126036, 8 pages, 2015. doi:10.1155/2015/126036	1.790
73.	Removal of Alizarin Yellow and Murexide dyes from water using Formalin treated <i>Pisum sativum</i> peels, Asian Journal of Chemistry , 27 (5), 1593-1598, (2015). DOI:10.14233/ajchem.2015.17383	0.355
74.	Comparative analysis of Cefotaxime Sodium and Cefoperazone Sodium Drugs Activity and their Phytochemical Combinations against bacteria, Asian Journal of Chemistry , 27 (5), 1704-1706, (2015). DOI:10.14233/ajchem.2015.17554	0.355
75.	Comparative Sorption Studies for Amaranth Dye Removal from Water in A Cost-Effective Way using Guava Leaves and Potato Peels, Asian Journal of Chemistry , 27 (6), 2008-2014, (2015). DOI:10.14233/ajchem.2015.17656	0.355
76.	Statistical analysis of macro-elements contents of <i>Vitis vinifera</i> (Raisin) samples available in Pakistan, Asian Journal of Chemistry , 27 (8), 2827-2829, (2015). DOI:10.14233/ajchem.2015.18096.	0.355
77.	Fluoride Contents Analysis of Tea Infusion, Mouthwash and Tooth Paste Samples of Pakistan via Ion Selective Electrode Methodology, Asian Journal of Chemistry , 27 (8), 2847-2850, (2015). DOI:10.14233/ajchem.2015.18243.	0.355
78.	Batch Scale Removal of an organic pollutant Amaranth Dye from aqueous solution Using <i>Pisum sativum</i> peels and <i>Arachis hypogaea</i> shells as adsorbents, Journal of The Chemical Society of Pakistan , 37 (5), 930-938, (2015).	0.300
(g)	2016	
79.	Batch Scale Adsorptive Removal of Brilliant Green Dye Using <i>Trapa natans</i> Peels in cost effective manner, REVISTA DE CHIMIE , 67 (7), 1333-1337, (2016).	1.755

80.	Chromium(VI) Removal from Water by using Polyaniline biocomposites with <i>Madhuca longifolia</i> and <i>Szygium cumini</i> leaves, Bulgarian Chemical Communications , 48 (3), 379-383, (2016).	0.242
81.	Sorptive Removal of Alizarin Yellow-R Dye from Water Using Fibers of <i>Luffa cylindrica</i> Sponge, The International Journal of Environmental Sustainability , 12 (4), 31-47, (2016).	-
82.	Chemistry of Ice: Migration of Ions and Gases by Directional Freezing of Water, Arabian Journal of Chemistry , 9 (1), S47-S53, (2016). DOI: 10.1016/j.arabjc.2011.02.019	4.762
(h)	2017	
83.	Sorptive Removal of Direct Blue-15 Dye from Water using <i>Camellia sinensis</i> and <i>Carica papaya</i> leaves, Bulgarian Chemical Communications , 49 (1), 20-25, (2017).	0.242
84.	Diamond green dye adsorptive removal from water by carrot pulpy waste and potato peels, Bulgarian Chemical Communications , 49 (4), 816-822 (2017).	0.242
85.	Analysis of Caffeine Contents in Commercial Beverages and Tea Samples of Pakistan using UV-Visible Spectrometer, Bulgarian Chemical Communications , 49 (4), 823-828 (2017).	0.242
(i)	2018	
86.	Batch wise sorptive amputation of Diamond green dye from aqueous medium by novel Polyaniline- <i>Alstonia scholaris</i> leaves composite in ecofriendly way, Journal of Cleaner Production , 196 , 350-357 (2018). https://doi.org/10.1016/j.jclepro.2018.06.056	7.246
87.	Biosorptive decontamination of Acid Red-87 dye from wastewater by <i>Citrus limonum</i> Peels in ecofriendly way, Pakistan Journal of Analytical & Environmental Chemistry , 19 (1), 44-52 (2018). http://doi.org/10.21743/pjaec/2018.06.04	y category
88.	Isothermal study of Congo Red dye biosorptive removal from water by <i>Solanum tuberosum</i> peels and <i>Pisum sativum</i> peels in economical way, Bulletin of the Chemical Society of Ethiopia , 32 (2), 213-223(2018). DOI: https://dx.doi.org/10.4314/bcse.v32i2.3	0.765
89.	Usage of fruit-fibers of <i>Luffa cylindrica</i> for the sorptive removal of Direct Blue 15 dye from water, Desalination and Water Treatment , 120 (July), 350-360 (2018). DOI: https://doi.org/10.5004/dwt.2018.22733	0.854
90.	Synthesis and Characterization of BaTiO ₃ /Polypyrrole Composites with Exceptional Dielectric behaviour, Polymers , 10 (11), 1273, 1-17 (2018). DOI: polymers-323258doi:10.3390/polym10111273	3.462
91.	Microwave treated <i>Gardenia jasminoides</i> leaves for adsorptive removal of Direct Red-28 Dye in environmental benign way, REVISTA DE CHIMIE , 69 (12), 3445-3450 (2018).	1.755
(j)	2019	
92.	Use of Agro-waste <i>Musa acuminata</i> and <i>Solanum tuberosum</i> peels for Economical Sorptive Removal of Emerald Green dye in Ecofriendly way, Journal of Cleaner Production , 206 (January), 819-826 (2019). DOI: https://doi.org/10.1016/j.jclepro.2018.09.226	7.246
93.	Removal of acidic dyes from aqueous media using <i>Citrullus lanatus</i> peels - an agrowaste based adsorbent for environmental safety, Journal of Chemistry , Volume 2019, Article ID 6704953, 9 pages, https://doi.org/10.1155/2019/6704953	1.790
94.	Brilliant Green and Acid Orange-74 Dyes Removal from water by <i>Pinus roxburghii</i> leaves in naturally benign way-An application of Green Chemistry, Journal of Chemistry , Volume 2019, Article ID 3573704, 10 pages. https://doi.org/10.1155/2019/3573704 .	1.790
95.	Spectrophotometric Determination of Significant Minerals in Milk Samples Found in Lahore (Pakistan) for Ensuring Food Safety, Bulgarian Chemical Communications , 51 (2), 206-211 (2019). DOI: 10.34049/bcc.51.2.4833	0.242

96.	A novel approach to analyze total amino acids contents of food samples by computational image scanning densitometry, Bulgarian Chemical Communications , 51 (3), 332-336 (2019). DOI: 10.34049/bcc.51.3.4129.	0.242
97.	Rapid Photo-Catalytic Degradation of Methylene Blue, Tartrazine And Brilliant Green Dyes By High Flux UV Irradiation Photolysis Reactor, Bulgarian Chemical Communications , 51 (3), 337-341 (2019). DOI: 10.34049/bcc.51.3.4683.	0.242
98.	Synthesis of novel Polyaniline composites with <i>Eriobotrya japonica</i> leaves for removal of Methyl Red dye from wastewater, Bulgarian Chemical Communications , 51 (4), 586-591 (2019).	0.242
(k)	2020	
99.	Magnetic nanocomposite of filamentous algae activated carbon for efficient eliminating of cephalixin from aqueous media, Korean Journal of Chemical Engineering , 37 (1),80-92(2020). DOI: 10.1007/s11814-019-0424-6	2.690
100.	Biosorptive Removal of Cadmium(II) and Copper(II) using microwave assisted thiourea modified <i>Sorghum bicolor</i> agrowaste, Journal of Chemistry , Volume 2020, Article ID 8269643, 11 pages, https://doi.org/10.1155/2020/8269643	1.790
101.	Techniques in the synthesis of organometallic compounds of tungsten, Reviews in Inorganic Chemistry , 40 (1), 1-45 (2020). Reference No. https://doi.org/10.1515/revic-2019-0013	1.450
102.	Effective removal of Blue 41 cationic dye from water by stabilized magnetic iron nanoparticles on clinoptilolite zeolite in economically cleaner way, REVISTA DE CHIMIE , 71 (2), 218- 229 (2020). https://doi.org/10.37358/RC.20.2.7919	1.755
103.	Effective Biosorptive Elimination Of Fluoride And Sulfide Ions From Water Using Chemical Modified Rice Bran In Economical Way, REVISTA DE CHIMIE , 71 (3), 487-496 (2020). DOI: https://doi.org/10.37358/RC.20.3.8023	1.755
104.	Removal of Cadmium (II) and Lead (II) from water by chemically treated <i>Citrullus lanatus</i> peels as biosorbent in cost effective way, REVISTA DE CHIMIE , 71 (5), 182-192(2020). DOI: https://doi.org/10.37358/Rev. Chim.1949	1.755
105.	Sorption studies on removal of Cd ²⁺ from the aqueous solution using fruit-peels of <i>Litchi chinensis</i> Sonn. Desalination and Water Treatment , 187, 277-286 (2020). doi: 10.5004/dwt.2020.25414	0.854
106.	Biosorptive detoxification of Cosmos Red dye by <i>Raphinus sativus</i> leaves and Citrus sinensis peels from water in cost effective and ecofriendly way, REVISTA DE CHIMIE , 71(6), 238-246 (2020). https://doi.org/10.37358/Rev. Chim.1949	1.755
107.	Evaluation of Antioxidant Prospective of <i>Diospyros malabarica</i> Methanolic Extract for Improving Oxidative Stability of Mustard Oil, REVISTA DE CHIMIE , (Accepted for publication), Reference No. 225/8.7.2019	1.755
108.	Organotellurium Compounds: An Overview of Synthetic Methodologies, Reviews in Inorganic Chemistry , (Accepted for publication), Reference No. REVIC.2020.0006	1.450

LIST OF THESIS IS ATTACHED HEREWITH

M.Sc. Thesis Supervised			
Sr. No	NAME	YEAR	TITLE OF THESIS
1.	Afshan Javaid	2007-09	Synthesis, Characterization and Antibacterial studies of complexes of omeprazole with Ni(II), Cu(II), Co(II), and Cr(III).
2.	Farkhanda Sikandar	2007-09	Synthesis, Characterization and Biological Studies of Domperidone and its complexes with some T.M ions.
3.	Sundas Saleem	2007-09	Synthesis, characterization and antibacterial studies of a Schiff base derived from orthophenylenediamine and its complexes with Cu(II) and Ni(II).
4.	Adila	2007-09	Synthesis, Characterization and Antibacterial studies of some Enaminones and their metal complexes with Pb(II), Bi(III) and Al(III).
5.	Adnan Haider	2007-09	Spectrophotometric determination of Molybdenum.
6.	Furqan Ali	2007-09	Adsorption studies of Alizarin-Red on alumina
7.	Mudassar Ali	2007-09	Synthesis of sodium sulphide from iron sulphide.
8.	Hina Khan	2007-09	Determination of different Metals in Al-alloys using classical and modern methods.
9.	Yasir Bajwa	2007-09	Bromination of <i>N,N</i> -Dimethylbenzylamine and its complexes with some metal ions.
10.	Rizwan Shoukat	2007-09	Synthesis and characterization of the complexes of <i>N,N</i> -Dimethylbenzylamine and its o-nitro and m-cyano derivatives with tungsten.
11.	Muhammad Ahmad	2007-09	Chlorination of <i>N,N</i> -Dimethylbenzylamine and its complexes with some metal ions.
12.	M. Naeem Aslam	2008-10	Removal of Brilliant Vital Red Dye from water using rice husk as an adsorbent.
13.	Aleem Sadiq	2008-10	Removal of Pb(II) and Cd(II) from water using rice husk as an adsorbent.
14.	Sonia Suman	2009-11	Isothermal modeling of batch wise biosorption of chromium(III) and nickel(II) using spent leaves <i>Syzygium cumini</i> .
15.	Muhammad Nadeem	2009-11	Removal of lead(II) and cadmium(II) from water using chemically treated <i>Syzygium cumini</i> leaves.
16.	Salma Jabeen	2009-11	Effect of chemical treatment on biosorption capacity of <i>Alstonia scholaris</i> leaves for removing lead(II) and cadmium(II) from water.
17.	Sadaf Ishaq	2009-11	Optimization of operational conditions in batch wise adsorption of lead(II) and cadmium(II) using <i>Guatteria longifolia</i> leaves.
18.	Samia Ilyas	2009-11	Adsorption modeling of chromium(III) and nickel(II) using <i>Bassia longifolia</i> leaves.
19.	Mariya Moeen	2010-12	Adsorptive Removal of Brilliant Green dye by tartaric acid modified <i>Arachis hypogaea</i> shells.
20.	Ambreen Zahid	2010-12	Comparative study of adsorption of Direct Red-28 dye on simple and urea treated <i>Citrus reticulata</i> peels

21.	Abeera Shareef	2011-13	Mechanistic and characterization studies for sorptive elimination of Emerald Green dye from water by <i>Arachis hypogea</i> shells and <i>Citrullus lanatus</i> peels
22.	Wajeeha Luqman	2011-13	Comparative isothermal investigation of Basic Blue-9 dye sorptive removal from water by <i>Eugenia jambolana</i> seeds and <i>Citrullus lanatus</i> peels
23.	Fakhar Zia	2011-13	Determination of urea by Spot test Densitometric methodology
24.	Maria Khalid	2012-14	Determination of fluoride contents of tea, mouthwash and tooth paste samples of Pakistan.
25.	Samra Ashraf	2012-14	Ultraviolet spectrometric analysis of Caffeine in commercial tea samples, energy drinks, carbonated sodas and other beverages of Pakistan.
26.	Hafiza Siddra Farooq	2012-14	A comparative study of analytical methods for determination of Vitamin C in commercial and fresh juice samples.
27.	Asad Abbas	2013-15	Design of high speed photolysis reactor and its applications for degradation of dyes.
28.	Bakhtawer Salariya	2013-15	Batch scale adsorptive removal of Brilliant Green dye using <i>Trapa natans</i> peels.
29.	Momal Imran	2014-16	Energy efficient photocatalytic degradation of Xylenol Orange, Methyl Orange and Bromocresol purple dyes.
30.	Iqra Azeem	2014-16	Photocatalytic degradation of Xylenol Orange Fluorescein and Bromothymol blue dyes.
31.	Zunera Irum	2014-16	Caffeine content analysis of local tea samples and beverages of Lahore, Pakistan.
32.	Fatima Saleem	2015-17	Assessment of metals concentrations in toothpaste samples found locally in Punjab.
33.	Aqsa Javed	2015-17	Analysis of toxic and essential mineral elements content of tea samples found locally in Lahore.
34.	Tania Tanveer	2015-17	Analysis of metal contents of milk powder samples for ensuring food safety.
35.	Afifa Tayyab	2015-17	Removal of Brilliant Green dye from water using <i>Musa sapientum</i> peels and <i>Holarrhena antidysenterica</i> as adsorbents
36.	Sidra Batool	2015-17	Estimation of toxic metal ions in different local cigarette brands found in Lahore
37.	Misbah Zulfiqar	2016-18	Determination of Heavy Metal ions concentration in Juice samples found in local areas of Punjab.
38.	Hafiza Khadija Aslam	2016-18	Analysis of toxic Heavy Metal ions found in Tea samples collected from various areas of Pakistan.
39.	Rukhsar Latif	2016-18	Pearl-millet husk, an agricultural waste adsorbent for removal of brilliant green dye from waste water
40.	Iqra Tariq	2016-18	Isothermal studies of crystal violet dye removal from water using corncob.
41.	Ayesha Saeed	2017-19	Brilliant green dye elimination from water using <i>Psidium guajava</i> leaves as adsorbent
42.	Amna Jamil	2017-19	Batch scale adsorptive removal of brilliant green dye using <i>punica granatum</i> peels.
43.	Iman Muddasar	2017-19	Utilization of <i>Citrus paradisi</i> peels as an eco-friendly biosorbent for the removal of methylene blue dye from water.
44.	Mariam Afzal	2017-19	Adsorptive removal of brilliant green dye using <i>citrus aurentifolia</i> leaves.
45.	Amna Tariq	2017-19	Isothermal study on biosorption of congo red on <i>Polyalthia lognifolia</i>
46.	Iraj khan	2017-19	Removal of Congo red using <i>Alstonia scholaris</i> as novel biosorbent.

B.S (Hons) Thesis Supervised

Sr. No	NAME	YEAR	TITLE OF THESIS
1.	Ayesha Arshad	2007-11	Batch wise adsorption of lead(II) and cadmium(II) from water using chemically treated <i>Bassia longifolia</i> leaves.
2.	H. Amna Liaqat	2009-13	Comparative quantification of Ascorbic acid contents in fruits and vegetables at different conditions (normal, cold storage, boiling and baking) by U.V/Visible spectrometry.
3.	Humaira Naz	2009-13	Spatial distribution analysis of fluoride contents in drinking water samples of Punjab (Pakistan).
4.	Hafiza Sadia Alam	2010-14	Adsorptive removal of Brilliant Green dye by <i>Solanum tuberosum</i> peels and <i>Daucus carota</i> waste.
5.	Ayesha Afzal	2010-14	Batch scale removal of Amaranth dye using <i>Pisum sativum</i> peels and <i>Arachis hypogaea</i> shells as adsorbents.
6.	Wajiha Zulfiqar	2011-15	Batch scale adsorptive removal of Brilliant Green dye using <i>Raphanus sativus</i> leaves.
7.	Maryam Qaseem	2012-16	Equilibrium isothermal study of removal of Congo Red and Amaranth dyes using <i>Citrus sinensis</i> peels and <i>Raphanus sativus</i> leaves as adsorbents.
8.	Iqra Manzoor	2012-16	Adsorptive Removal of Congo Red dye using <i>Solanum tuberosum</i> peels and <i>Pisum sativum</i> peels.
9.	Faryal Ashiq	2013-17	Estimation of Toxic and Essential Metals found in Chicken Meat.
10.	Sania Aziz	2013-17	Determination of Toxic and Trace Elements in Powder Milk samples found in Pakistan.
11.	Abeera Aziz	2014-18	Comparative analysis of metal ion contents in Leafy and Root vegetables of Lahore and Toba Tek Singh.
12.	Rida Aslam	2014-18	Spectroscopic analysis of toxic metal ions in various Cigarette samples collected from Lahore.
13.	Azka Tehseen	2014-18	Determination of Toxic and trace elements in Chicken meat samples collected from different areas of Lahore (Pakistan).
14.	Attiya Naz	2015-19	Removal of Congo Red Dye from Water using <i>Holarrhena antidysenterica</i> seeds as an adsorbent
15.	Nayab Asghar	2015-19	Adsorption of Crystal Violet Dye by <i>Holarrhena antidysenterica</i> seeds for Wastewater Treatment
16.	Tanzeela Anwar Shahzadi	2015-19	Use Of Mustard Seed Extract As Natural Antioxidant For Coconut Oil And Its Comparison With Synthetic Stabilizers
17.	Hira Riaz	2015-19	Determination of Antioxidant Activity of Lemon Grass Leaves for Stabilization of Mustard Oil.

M.Phil Thesis Supervised			
Sr. No	NAME	YEAR	TITLE OF THESIS
1.	Saima Saqib	2014-2016	Synthesis and Structural studies of ternary complexes using antibiotic as primary ligand.
2.	Maria Khalid	2015-17	Kinetic study of Photo Catalytic Degradation of Naphthol Green B Dye.
3.	Asad Abbas	2015-17	Comparison of Image Scanning Densitometry with the Conventional Analytical Methods for the Determination of Nickel (II), Chromium (VI) and Iron (II)
4.	Samra Ashraf	2015-17	Spectrophotometric analysis of Arsenic in waste water samples of Pakistan.
5.	Sana Rauf Mir	2015-17	Estimation of Nitrates in Waste Water Samples by Spectrophotometer.
6.	Saqib Shabbir	2016-18	Analysis of phthalates residues of plastic wrapping materials in various oils by HPLC.
7.	Asma Raza	2016-18	Evaluation of antioxidant efficacy of "Guab" fruits and leaves for improving oxidative stability of mustard oil.
8.	Sara Jan Muhammad	2016-18	Batch scale adsorptive removal of Brilliant green and acid orange 74 dyes from wastewater using <i>Pinus roxburghii</i> leaves.
9.	Maria Ashraf	2016-18	Adsorptive Removal of Acid Orange and Crystal Violet Dyes using <i>Psidium guajava</i> Leaves
10.	Maryam Qaseem	2016-18	Comparative Study For The Removal Of Naphthol Green B Dye By Using <i>Psidium guajava</i> Leaves And <i>Acacia nilotica</i> Leaves.
11.	Maida Ehsan	2016-18	Evaluation of Antioxidant efficiency of <i>Psidium guajava</i> Leaves Extract for improving Oxidative stability of Mustard Oil.
12.	Jamila Shaheen	2017-19	Estimation of antioxidant activity of Cymbopogon leaves for stabilization of <i>Brassica nigra</i> oil
13.	Anza Zaffar	2017-19	Estimation of Antioxidant Activity of Mustard (<i>Brassica campestris</i>) Seed Extract Used as Stabilizer in Coconut Oil
14.	Faryal Ashiq Awan	2017-19	Estimation of Toxic and Essential Metals Found in Different Poultry Feed Samples
15.	Asma Mazher	2017-19	Sorption of Rhodamine B from water using singhara peels as adsorbent
16.	Aqsa Javed	2017-19	Sorption of brilliant green dye from water using <i>Citrullus lanatus</i> as adsorbent
17.	Sana Sattar	2017-19	Toxic heavy metal analysis in meat (beef) samples
Ph.D Thesis Supervised			
Sr. No	NAME	YEAR	TITLE OF THESIS
1.	Sumaira Basharat	2015-2020 continue	Chemical treatment of textile dyes from industrial effluents using chemically modified <i>Holarrhena antidysenterica</i> and <i>Citrullus colocynthis</i> biosorbents.

2.	Muhammad Sadiq	2017-2022 continue	Detoxification of dyes from wastewater by using chemically processed <i>Citrullus lanatus</i> and <i>Trapa natans</i> peels.
3.	Asma Raza	2018-2023 continue	Study of Applications of Mixed Metal Oxides & their Composites for Dyes Removal from Waste Water.

PAPERS PRESENTED IN NATIONAL /INTERNATIONAL CONFERENCES

Sr. No	TITLE	CONFERENCE	ORAL/ POSTER
1.	Estimation of emission load from aluminum die casting foundries in Gujrat, Pakistan.	9 th international & 21 st national conference of Pakistan Chemical Society held in HEJ Karachi University, Pakistan on 14-16 March, 2011.	POSTER
2.	Removal of Methylene Blue dye from water using chemically modified <i>Polyalthia longifolia</i> leaves as biosorbent.	International Conference on Water, Energy and Environment (ICWEE) 14 - 17 November, 2011, Sharjah, United Arab Emirates.	ORAL
3.	Removal of Brilliant Green dye from aqueous solution by natural Clays	10 th International and 22 nd National Chemistry Conference held in the Department of Chemistry & Biochemistry, University of Agriculture, Faisalabad, Pakistan, on 21-23 November, 2011.	POSTER
4.	Estimation and Recycling of Nickel (II) from Electroplating Industries Effluent in Gujrat (Pakistan)		POSTER
5.	Adsorptive removal of Congo Red and Sunset Yellow dyes from water by Lady Finger stem	11 th international & 23 rd national conference of Pakistan Chemical Society held in National Centre of Excellence in Physical Chemistry, University of Peshawar, Pakistan on 15-17 October, 2012.	ORAL
6.	Removal of Brilliant Blue from its aqueous solution using <i>Ricinus communis</i> as an adsorbent	11 th international & 23 rd national conference of Pakistan Chemical Society held in National Centre of Excellence in Physical Chemistry, University of Peshawar, Pakistan on 15-17 October, 2012.	POSTER
7.	Activity of Cefotaxime sodium and Cefoparazone sodium drugs and phytochemical combinations with micro-organisms	11 th international & 23 rd national conference of Pakistan Chemical Society held in National Centre of Excellence in Physical Chemistry, University of Peshawar, Pakistan on 15-17 October, 2012.	POSTER
8.	Detoxification of Acid Blue-W dye from water using chemically modified <i>Pisum sativum</i> peels as biosorbent-(a green approach).	International Conference on Environment (ICENV 2012), Penang, Malaysia from 11-13 December, 2012.	ORAL
9.	Utilization of <i>Ricinus communis</i> stem powder for sorptive eradication of Methylene Blue dye	17 th International Water Technology Conference (IWTC	ORAL

	from aqueous media in eco-friendly way.	2013), Istanbul, Turkey, November 5-7, 2013.	
10.	Heavy metals bioaccumulation assessment of some vegetables irrigated with industrial effluents of Punjab, Pakistan.	5 th International Conference Environmentally Sustainable Development (ESDev - 2013) August 25 - 27, 2013, held at COMSATS Institute of Information Technology, Abbottabad, Kyber Pakhtun Khwa, Pakistan.	ORAL
11.	Synthesis, characterization and antibacterial study of some novel Mannich bases and their metal complexes with Cu (II) and Co (II).	12 th international & 24 th national conference, arranged by The Chemical Society of Pakistan, held in Institute of Chemical Sciences, Bahauddin Zakariya University, Multan Pakistan on 28-30 October, 2013.	POSTER
12.	Health risk assessment of heavy metals bio-concentration in vegetables of Lahore irrigated with industrial sewages	International Conference of Biochemical and chemical sciences (ICBCS-2014), held in Department of Chemistry & Biochemistry, University of Agriculture, Faisalabad, Pakistan, on 24-26 February, 2014.	POSTER
13.	Synthesis, Characterization and antibacterial study of a novel Mannich base, N-[[4-(dimethylamino)phenyl](phenylamino)methyl} acetamide and its metal complexes with Cu(II) and Co(II).	13 th international & 25 th national conference, arranged by The Chemical Society of Pakistan, held in Institute of Chemistry, University of the Punjab, Quaid-i-Azam Campus Lahore, Pakistan on 20-22 October, 2014.	POSTER
14.	Synthesis and study of Thermal and Dielectric Properties of TiO ₂ /Polypyrrole Composites	<i>Chemistry: Exploring solutions in the changing world</i> , 26 th national conference and 14 th international, arranged by The Chemical Society of Pakistan, held in Department of Chemistry and Department of Biochemistry and Biotechnology, The Islamia University of Bahawalpur, Bahawalpur, Pakistan on 5-8, October, 2015.	ORAL
15.	Isothermal and thermodynamical studies of Congo Red dye biosorption on Formalin-Treated <i>Citrillus lanatus</i> (Melon) Husk	International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016), " <i>Biochemistry for better food, health and environment in developing countries</i> ", held in Department of Biochemistry, University of	POSTER

		Agriculture, Faisalabad, Pakistan, on 22-24 February, 2016.	
16.	Sorptive Removal of Alizarin Yellow-R Dye from Water Using Fibers of <i>Luffa cylindrica</i> Sponge	12 th International Conference on Environmental, Cultural, Economic and Social Sustainability, "Urban Sustainability: Inspiration and Solution" held at Portland State University, Portland, USA on January 21-23, 2016.	POSTER
17.	Use of Agricultural Waste-Gardenia jasminoides Leaves for Removing Textile Dye-Amaranth from water in Cost Effective Manner	6 th International Conference on "Environmentally Sustainable Development" ESDev 2015, held at COMSATS Institute of Information Technology, Abbottabad, Kyber Pakhtun Khwa, Pakistan on April 25-27, 2016 (Initially scheduled on August 23-25, 2015).	ORAL
18.	Removal of Tartrazine dye from water using Polyaniline composites with <i>Polyalthia longifolia</i> and <i>Alstonia scholaris</i> leaves	6 th International Chemistry Conference on "New trends in chemistry" at Riyadh, Saudi Arabia from November 8-10 2016.	ORAL
19.	Determination of Urea by Spot Test Densitometric Methodology.	7 th Pak Pharma Health care Expo 2018 and 1st GRIP International Conference on "Pharmaceutical and Biochemical sciences (CPBS)" at Expo Centre , Lahore on 23-24 th January, 2018.	ORAL
20.	Analysis of Toxic and Essential Mineral Elements Content of Tea Sample Found Locally in Lahore.		ORAL
21.	Synthesis and Characterization of BaTiO ₃ / Polypyrrole Composites with Exceptional Dielectric behaviour.	Polymers: Design, Function and Application (21-23 March 2018) Barcelona, Spain.	POSTER
22.	Assessment of Antioxidant Potential of <i>Diospyros malabarica</i> for Improving Oxidative Stability of Mustard Oil.	8 th Pak Pharma Health care Expo 2019 and 2 nd GRIP International Conference on "Pharmaceutical and Biochemical sciences (CPBS)" at Expo Centre, Lahore on 15-17 th January, 2019.	ORAL
23.	Application of <i>Psidium guajava</i> leaves biocomposites with polyaniline for biosorption of Tartrazine dye from water	2 nd international conference on "Emerging Trends in Earth and Environmental Sciences" (ETEES-20) held in College of Earth and Environmental Sciences, University of the Punjab, Lahore, Pakistan on 4-6 th March, 2020.	POSTER

RESEARCH PROJECTS / GRANTS UTILIZED

- 1. Title:** *Forced migration of soluble and suspended materials by freezing front in aqueous systems*
Co-Principal Investigator
Amount: 1,25,000 (PKR)
Year: 2009-10
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- 2. Title:** *Removal of murexide (dye) from aqueous media using rice husk as an adsorbent.*
Principal Investigator
Amount: 1,25,000 (PKR)
Year: 2010-11
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- 3. Title:** *Brilliant Green dye biosorption from water by Eugenia jambolana leaves.*
Principal Investigator
Amount: 1,25,000 (PKR)
Year: 2011-12
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- 4. Title:** *Sorptive removal of Alizarin Red-S dye from water using Citrullus lanatus peels*
Principal Investigator
Amount: 1,25,000 (PKR)
Year: 2012-13
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- 5. Title:** *Removal of basic blue-9 dye from water by Eugenia jambolana seeds and Citrullus lanatus peels*
Principal Investigator
Amount: 1,25,000 (PKR)
Year: 2013-14
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- 6. Title:** *Comparative analysis of Cefotaxime Sodium and Cefoperazone Sodium Drugs Activity and their Phytochemical Combinations against bacteria*
Principal Investigator
Amount: 1,25,000 (PKR)
Year: 2014-15
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.

7. **Title:** *Batch scale adsorptive removal of Brilliant Green dye using Trapa natans peels in cost effective manner*
Principal Investigator
Amount: 1,50,000 (PKR)
Year: 2015-16
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.

8. **Title:** *Analysis of Caffeine Contents in Commercial Beverages and Tea Samples of Pakistan Using UV-Visible Spectrometer*
Principal Investigator
Amount: 1,50,000 (PKR)
Year: 2017-18
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.

9. **Title:** *Use of Polyaniline composites with Eriobotrya japonica leaves for removal of dye from water*
Principal Investigator
Amount: 1,50,000 (PKR)
Year: 2019-20
Funded By: University of the Punjab, Lahore, Pakistan.
Place: Institute of Chemistry, University of the Punjab, Lahore, Pakistan.

WORKSHOPS & CONFERENCES ATTENDED

- ✕ 10th International and 22nd National Chemistry Conference held in the Department of Chemistry & Biochemistry, University of Agriculture, Faisalabad, Pakistan, on 21-23 November, 2011.
- ✕ National workshop on “*Application of chemical technologies for treatment of water and food at community level*” held on 24 March, 2012 at Ambassador Hotel, Lahore, Pakistan, organized by Royal Society of Chemistry (Pakistan Section), National Foundation of Environmental Education and Research and “The Environ Monitor”.
- ✕ International Conference on “*Water, Energy, Environment and Food Nexus: Solutions and Adaptation under Changing Climate*” held on 4-5 April, 2012 at Centre of Excellence in Water Resources Engineering, University of Engineering and Technology, Lahore, Pakistan.
- ✕ Workshop on “*HEC Plagiarism and Turnitin Software*” at Centre for Undergraduate Studies, University of the Punjab, Lahore on 23rd April, 2012, arranged by Office of Research Innovation & Commercialization (ORIC) and Quality Enhancement Cell (QEC) of University of the Punjab, Lahore, Pakistan.
- ✕ Workshop on “*Intellectual Property Rights Protection, Patent drafting and Prosecution-Research towards commercialization*” at Video Conference Room in Centre for Undergraduate Studies, University of the Punjab, Lahore on 11th May, 2012, organized by Office of Research Innovation & Commercialization, University of Gujrat, Pakistan.
- ✕ National workshop on “*Services of Chemistry for Green Economy*” at Ambassador Hotel, Lahore on 23rd June, 2012, organized by Royal Society of Chemistry (Pakistan Section), National Foundation of Environmental Education and Research and “The Environ Monitor”.
- ✕ Workshop on “*Research Ethics, End note and Turnitin for PU faculty members*” on 25-26th, September, 2012 arranged by Department of Library and Information Science, University of the Punjab, Lahore, Pakistan.

- ✕ National workshop on “*Environmental Assessment Of Energy Projects*” at Ambassador Hotel, Lahore on 29th January, 2013, organized by National Foundation of Environmental Education & Research and “The Environ Monitor”.
- ✕ “*Angewandte Chemie 125th Anniversary Symposium Broadcast*” by (German Chemical Society, GDCh) at Department of Chemistry, SBASSE, Lahore University of Management Sciences (LUMS) on March 12, 2013.
- ✕ International Conference of Biochemical and Chemical Sciences (ICBCS-2014), held in Department of Chemistry & Biochemistry, University of Agriculture, Faisalabad, Pakistan, on 24-26 February, 2014.
- ✕ Hands-On Workshop “*Thermogravimetric Analysis & Differential Scanning Calorimetry*” held in Interdisciplinary Research Centre in Biomedical Materials, COMSATS IIT, Lahore on 15th May, 2014.
- ✕ 13th international & 25th national conference, arranged by The Chemical Society of Pakistan, held in Institute of Chemistry, University of the Punjab, Quaid-i-Azam Campus Lahore, Pakistan on 20-22 October, 2014.
- ✕ National workshop on “*Environmental Assessment Procedures, Modalities & Reporting*” at Ambassador Hotel, Lahore on 6th December, 2014, organized by National Foundation of Environmental Education & Research and “The Environ Monitor”.
- ✕ Workshop on “*Ethical Challenges in Biomedical Research*” at Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore, in collaboration with HEC, 23rd May 2015.
- ✕ International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB-2016), “*Biochemistry for better food, health and environment in developing countries*”, held in Department of Biochemistry, University of Agriculture, Faisalabad, Pakistan, on 22-24 February, 2016.
- ✕ National conference on “*Water for People, Water by People, World Water Day 2016*” at Ambassador Hotel, Lahore on 19th March, 2016, organized by Royal Society of Chemistry, and The Environ Monitor, National Foundation of Environmental Education and Research and IMGA (Pakistan Chapter).
- ✕ National conference on “*Join the Race to Make the World a Better Place*”, at Ambassador Hotel, Lahore on 19th March, 2016, organized by Royal Society of Chemistry, and The Environ Monitor.
- ✕ International conference on “*Current Research in Chemical & Pharmaceutical Sciences*” held in Department of Chemistry, F.C.C.U, Lahore, organized by Department of Chemistry in association with Department of Pharmacy, Forman Christian College University, Lahore, on 18-20th January 2017.
- ✕ 1st international conference on “*Emerging Trends in Earth & Environmental Sciences (ETEES) 2017*” at College of Earth & Environmental Sciences, University of the Punjab, Lahore, on March 9-10, 2017.
- ✕ “*6th Invention to Innovation Summit*” organised by Office of Research, Innovation and Commercialization (ORIC), University of the Punjab, Lahore, on March 8-9, 2017.
- ✕ Workshop on “*Patent Filing and Introduction to Intellectual Property System of Pakistan*” arranged by Office of Research Innovation & Commercialization (ORIC) University of the Punjab, on 17-18 May, 2017 at Khorana Hall, Auditorium, Institute of Chemistry, University of the Punjab, Quaid-i-Azam Campus Lahore, Pakistan.
- ✕ “*2nd UMT International Conference on Pure and Applied Sciences*” held in University of Management and Technology, Lahore, Pakistan on 5-7th October, 2017.
- ✕ International Conference on “*Trends and Prospects in Molecular Bioscience*” in Institute of Biochemistry and Biotechnology, University of the Punjab, Lahore, October 23-24, 2017.
- ✕ 6th International Symposium on “*Biomedical Materials: Synergising Partnerships*” at Interdisciplinary Research Centre in Biomedical Materials (IRCBM), COMSATS Institute of Information and Technology (CIIT), Lahore, 14-16 December, 2017.

- ✕ International Conference on “*Chemical and Pharmaceutical approaches in Research and applications*” at Department of Chemistry FC University, Lahore on 17-19th January, 2018.
- ✕ 7th Pak Pharma Health care Expo 2018 and 1st GRIP International Conference on “Pharmaceutical and Biochemical sciences (CPBS)” at Expo Centre, Lahore on 23-24th January, 2018 organised by The Group of Researcher and Intellectuals of Pakistan (GRIP), with collaboration of Prime Event management.
- ✕ 1st International conference on “*Modern Trends in Chemistry and Energy Technologies*” on 22-23 October 2018 organised by Departments of Chemistry, Pharmacy and Energy Research Center, COMSATS University Islamabad, Lahore Campus-Pakistan.
- ✕ 1st International Conference of Pakistan on Water and Energy Research (IC-POWER-2018) and 3rd Pak Water and Energy Expo-2018 held on 24-25th October 2018 at Expo Centre Lahore organised by The Group of Researcher and Intellectuals of Pakistan (GRIP), with collaboration of Prime Event management.
- ✕ 6th International Conference on Research In Education (ICORE 2018), on 20-22 November, 2018, at Institute of Education and Research (IER), University of the Punjab, Lahore, Pakistan.
- ✕ One Day Symposium, Workshop & Launch Of Bone Repair & Regeneration Network at Interdisciplinary Research Centre in Biomedical Materials (IRCBM), COMSATS Institute of Information and Technology (CIIT), Lahore on 30th November, 2018.
- ✕ 8th Pak Pharma Health care Expo 2019 and 2nd GRIP International Conference on “Pharmaceutical and Biochemical sciences (CPBS)” at Expo Centre, Lahore on 15-17th January, 2019 organised by The Group of Researcher and Intellectuals of Pakistan (GRIP), with collaboration of Prime Event management.
- ✕ International conference on “*Nanomaterials: New Trends in Development & Applications*” organised by Department of Pharmacy of Forman Christian College (FC) University, Lahore from 29-31st January, 2019.
- ✕ One day workshop on “*Energy Efficiency & Conservation*”, jointly organized by Department of Electrical Engineering, University of the Punjab, Lahore, Pakistan and Punjab Energy Efficiency and Conservation Agency at Al Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore, Pakistan on 17th April, 2019.
- ✕ One day workshop on “*How to Approach & Manage Funded Research Projects*”, organized by Office of Research Innovation & Commercialization (ORIC) University of the Punjab, at Committee Room of Centre for Undergraduate Studies, University of the Punjab, Lahore, Pakistan on 18th June, 2019.
- ✕ 7th International Conference On Research In Education (ICORE 2019), on 19-21 November, 2019 at Institute of Education and Research (IER), University of the Punjab, Lahore, Pakistan.
- ✕ “30th National & 18th International Chemistry Conference on *Recent Trends in Chemistry-CCUMT-2019*” on November 27-29, 2019 at Department of Chemistry, University of Management & Technology (UMT), C-II Johar Town, Lahore – Pakistan.
- ✕ A talk on “*Synthesis and characterization of novel bio-materials of Polyaniline with Citrus aurantifolia and Psidium guajava leaves and their application for Removal of Acidic dyes from water*” as Invited Speaker in *International conference on Solid State Physics (ICSSP’2019)* December 08-11, 2019 at Centre of Excellence in Solid State Physics, University of the Punjab, Lahore, Pakistan.
- ✕ International conference of Research on Oncology and Cancer Sciences (IC-ROCS)-2020 on 29-30th January, 2020 at University of the Punjab, Lahore, Pakistan.

SEMINARS & PROGRAMS ATTENDED

- ✕ An awareness seminar against dengue and measles, on 1st Sep, 2013 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ Balochistan: Problems and their Solutions” on October 01, 2013 at 11am in Al Raazi Hall, Undergraduate block, University of the Punjab.

- ✕ One day seminar regarding International Day of Persons with Disabilities on Tuesday, December 3, 2013 at 9am at Child Welfare Centre, University of the Punjab with theme Break barriers; open doors; for an inclusive society for all”.
- ✕ A seminar on “study and work in Japan” on 5th Dec, 2013 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ One day program regarding Eid Milad-dun-Nabi (S.A.W) on 13th January, 2014 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ One day program regarding Kashmir Solidarity Day on 4th February, 2014 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ Opening Ceremony of Youth Festival in National Hockey Stadium on 1st March, 2014.
- ✕ One day program regarding Women’s Day on 8th March, 2014 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ One day program regarding Pakistan’s Day on 23rd March, 2014 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A seminar on “CV formation, job hunting and interview preparation’ on 7th April, 2014 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A seminar on World Book and Copyright Day with slogan “*Living With Books in the Age of Electronic and Social Media*” organized by Department of Library & Information Science, Punjab University Library on 22nd April, 2014 at Al Raazi Hall, Undergraduate Block, University of the Punjab.
- ✕ A seminar on “Small Island Developing States (SIDS)” organised by the Environment Protection Department (EPD) Punjab and College of Earth and Environmental Science (CEES) Punjab University on 5th June, 2014 at Al-Raazi Hall, Undergraduate Block, University of the Punjab.
- ✕ A seminar on “FT-NIR instrument and its application in the pharma, food and feed market” organised by Rays technologies in Emerald Hall, Pearl Continental Hotel, Lahore, on 3rd September, 2014.
- ✕ A seminar on “*Thalassemia prevention & Blood donation*” on 18th March, 2015 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A seminar on “*Surveillance and Control of Dengue Vector*” on 8th April, 2015 at Al Raazi Hall, Undergraduate block, University of the Punjab.
- ✕ A lecture on “*Science and technology within Islamic countries in present and past, could Islamic countries realize II. golden age?*” by Prof. Dr. Mahmet Dogan, Department of Chemistry, Hocettepe University, Ankara, Turkey, in Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore on 9th June, 2015.
- ✕ A lecture on “*Research Opportunities for Undergraduate, graduate students and Faculty through the American Chemical Society*” by Prof. Dr. Ellene Tratras Contis, Director of the “Creative Scientific Inquiry Experience (CISE): Developing Integrated Science Curriculum to increase Science, Technology, Engineering and Mathematics (STEM) Graduate” project at the Eastern Michigan University (EMU), USA, in Khorana Auditorium, PUIC on 3rd November, 2015.
- ✕ A seminar on “*Iqbal ka Paigam aur aj ka Pakistan*” organised by Academic Staff Association, University of the Punjab, on Iqbal day, 9th November, 2015 at Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab.
- ✕ One day program regarding “*Saqoot- ay Dhaka and Saanahaiy Shudha*” on 15th December, 2015 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ One day program regarding *Eid Milad-dun-Nabi (S.A.W)* on 8th January, 2016 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ Conferences and Seminars at ‘*Pakistan Coating Show 2016*’ in Lahore International Expo Centre 15th-17th Jan, 2016.
- ✕ A seminar on Kashmir Solidarity Day on 5th February, 2016 at Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab.

- ✕ An event on "*Breast Cancer awareness*" arranged by Academic Staff Association in collaboration with Health Center University of the Punjab and PINK RIBBON on 24th March, 2016 at Centre for Undergraduate Studies, University of the Punjab.
- ✕ A seminar on World Book and Copyright Day with slogan "*My Books, Myself and My Personality*" organized by Department of Information Management & Punjab University Library in collaboration with National Book Foundation, on 22nd April, 2016 at Al Raazi Hall, Centre for Undergraduate Studies, University of the Punjab.
- ✕ A seminar on "*Think different with Merck Life science*" organized by Merck Limited-Pakistan, on 11th August, 2016 at Kohinoor Hall-Pearl Continental Hotel, Lahore.
- ✕ One day program regarding Allama Iqbal Birthday on 9th November, 2016 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A seminar on "*CPEC: Opportunities, Priorities and Challenges*" jointly organized by Punjab University CPEC Study Group and Mir Khalil ur Rehman Memorial Society on 28th November, 2016 at Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab.
- ✕ A seminar on recent environmental issue "*Smog: Formation, Impacts and Mitigation*" jointly organized by Punjab University College of Earth and Environmental Sciences in collaboration with Solution Environmental and Analytical Laboratory 29th November, 2016 at Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab.
- ✕ One day program regarding *Eid Milad-dun-Nabi (S.A.W)* on 21st December, 2016 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A seminar on "*Thalassemia prevention & Blood donation*" on 6th February, 2017 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A seminar on "*Sir Syed Ahmad Khan and the Two Nation Theory*" organized by Punjab University Pakistan Study Centre on 7th April, 2017 at Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab.
- ✕ 10th international seminar of Dr. Ambedkar Day on "*Dr. Ambedkar's Role to Empower Women*" organized by Sir Ganga Ram Heritage Foundation in collaboration with Centre for South Asian Studies, University of the Punjab on 18th May, 2017 at Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore.
- ✕ A seminar on "*Chemical laboratory Safety and Security*" by Dr. Tajammal Hussain in Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, in collaboration of American Chemical Society under the program of Global Chemist's Code of Ethics by ACS on 15th November, 2017.
- ✕ A seminar on "*Publishing Your Research*" by Dr. Adnan Mujahid in Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, in collaboration of American Chemical Society under the program of Global Chemist's Code of Ethics by ACS on 29th November, 2017.
- ✕ A seminar on "*Road Safety*" by Inspector Imran Aziz in Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, in collaboration of Motorway Police, Pakistan 4th January, 2018.
- ✕ A seminar on "*Smog "Origin, Nature, Impact"*" by Prof. (Emeritus) Dr. Razi Abbas Shamsi, organized by Department of Botany, University of the Punjab, Lahore in Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore on 26th January, 2018.
- ✕ A seminar on "*Ozone depletion in Stratosphere*" by Prof. Dr. Jamil Anwar, organized by Centre for Undergraduate Studies, University of the Punjab, Lahore in Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore on 15th February, 2018.
- ✕ A lecture on "*Biopolymers, Biomaterials and Biotextiles*" by Prof. Dr. Martin W. King from North Carolina State University, College of Textiles and Raleigh USA, organized by Department of Polymer Engineering and Technology, University of the Punjab, Lahore in Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore on 9th March, 2018.
- ✕ A lecture on "*Almac Science, A day in the Life of Research and Development Chemist*", by Dr. M. Mujahid (Research Chemist in API division of Almac group, U.K) organised by PUIC Alumni in Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, Pakistan on 9th April, 2018.

- ✕ A seminar on “*Road Safety Traffic Awareness Program*” by M. Shahzad Yousaf (Senior Patrol Officer) organized by Department of Botany, University of the Punjab, Lahore in Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore, Pakistan on 12th April, 2018.
- ✕ A seminar on “*CPEC: A Journey towards Peace & Prosperity*” organized by Pakistan Study Centre, University of the Punjab, Lahore in Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore on 17th September, 2018.
- ✕ One day program regarding “*Bazam-e-Iqbal*” on 12th November, 2018 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore.
- ✕ A lecture by Molana Tariq Jameel regarding “*Riyasate Madina ke bunaydi Khadokhal*” on 4th December, 2018 at New Campus Cricket Ground, University of the Punjab, Lahore, Pakistan arranged by Pakistan Institute of National Affairs.
- ✕ One day seminar regarding “*Awareness towards Professional skills for Successful career*” organised by AMAL ACADEMY on 5th December, 2018 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- ✕ The Alumni Reunion function of the University on 8th December, 2018 at Faisal Auditorium University of the Punjab, Lahore, Pakistan.
- ✕ A lecture on “*Crude oil-origin-composition-characteristics & Testing Methodologies*” by Dr. Khalid Nabi, Director of Crude Assays and Special projects, USA at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, Pakistan on 4th February, 2019.
- ✕ One day seminar on “*CPEC Fellowships*” by Dr. Farooq Khan, Tsinghua University, Beijing China, on 1st March, 2019 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- ✕ One day seminar on “*Career Counseling and Job Opportunities*” on 24 June, 2019 at Seminar Hall of Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- ✕ One day seminar on “*Science and Islam*” by Jim Al-Khalili, organised by Academic Staff Association in Al-Raazi Hall, Centre for Undergraduate Studies, University of the Punjab, Lahore on 15th November, 2019.
- ✕ One day seminar on “*Ittiba Rasul (PBUH): Nijaat Ka Wahid Rasta*” by Prof. Dr. M. Hammad Lakhvi, organised by Faculty of Science, PU on November 25, 2019 at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, Pakistan.
- ✕ One day seminar on “*Iqbal ka paigham, nojawano k naam*” arranged by Prof. Dr. Baseera Anmbreen, Chairperson Iqbal Studies Chair and Faculty of Life Sciences, at Khorana Auditorium of Institute of Chemistry, University of the Punjab, Lahore, Pakistan on 17th December, 2019.
- ✕ Webinar on “*Align Yourself to the Publication Process*” Co-organized by Higher Education Commission of Pakistan & Elsevier on 20th May 2020.
- ✕ Webinar on “*How to Write a Great Research Paper, and Get it Accepted by a Good Journal*” Co-organized by Higher Education Commission of Pakistan & Elsevier on 3rd June 2020 with Dr Newman and Dr Khan.

WEBLINKS FOR DETAILS

- Scopus Author ID: 36519491900
- http://www.pcst.org.pk/wst/wst_cv1.php (Women Scientist id:176)
- <http://scholar.google.com.pk/citations?user=oYmPX1sAAAAJ&hl=en&oi=ao> (Google Scholar Record).
- http://www.citealert.com/myCiteAlert/index.cfm?author_id=36519491900&md5=86b56f1a6966e712049dd73da0459f78 (Cite Alert data).
- <http://pk.linkedin.com/pub/rabia-rehman/49/a63/274> (Linked in source).
- http://www.researchgate.net/profile/Rabia_Rehman/ (Research Gate).