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College of Earth & Environmental Sciences
Punjab University, Lahore, Pakistan

DR. NADIA JAMIL
Associate Professor

PERSONAL INFORMATION:

- Date of birth: February 7,1978
- Marital status: Married
- Nationality: Pakistani
- Religion : Islam

EDUCATION

2004 to 2009
Ph.D. Chemistry
(Environmental Chemistry)
Punjab University, Lahore.

1998 to 2000
M.Sc. Chemistry (Analytical)
Punjab University, Lahore.

1996 to 1998
B. Sc. (Chemistry, Botany, Zoology)
Lahore College for Women

HONORS AND DISTINCTIONS:

Role of Honor in B.Sc. 1998
Second Position in B.Sc.

TEACHING AND RESEARCH EXPERIENCES

1. Presently working as **Associate Professor in College of Earth and Environmental Sciences (CEES) Punjab University Lahore** from June 2015.
2. Served as **Assistant Professor in College of Earth and Environmental Sciences (CEES) Punjab University Lahore** from June 2009 to June 2015.
3. Worked as a **Lecturer of Environmental Chemistry in College of Earth and Environmental Sciences (CEES) Punjab University Lahore** from Aug 2003 to June 2009.
4. Served as lecturer in **Pharmacy Department University of Lahore** from Aug 2002 to Aug 2003.

5. Also taught **Analytical** and **Geochemistry** in **Institute of Geology, Punjab University Lahore** as part time teacher..
6. Supervising **M.Sc, BS, MS** students in **CEES** .
7. Involved in **Ph.D** teaching and research supervision.

THESES

Ph.D thesis titled

Elimination of toxic metals and organic pollutants by solid phase extraction using flash chromatography

M.Sc thesis titled

Determination of major (Ca^{+2}, Mg^{+2}) and minor ($Fe^{+2}, Na^{+1}, K^{+1}, Sr^{+2}$) metals in the geological samples of Abbottabad.

PUBLISHED PAPERS

2019

- 1) *Occurrence, fate and adverse effects of residual levels of preservatives and active whitening agents from wastewater of personal care products industries*

JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY

Impact Factor Journal

- 2) *Assessment of Milk Quality by Analyzing Aflatoxin M1 in Branded and Non-Branded Milk Samples Collected from Different Shops/Areas in Lahore, Pakistan*

PAKISTAN JOURNAL OF ZOOLOGY

Impact Factor Journal

- 3) *Environment Friendly Synthesis of N'-(1,3-Diphenylallylidene)-1-ethyl-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carbohydrazides: Crystal Structure and Their Anti-oxidant Potential.*

CHEMICAL AND PHARMACEUTICAL BULLETIN

Impact Factor Journal

- 4) *Synthesis and Characterization of Sawdust Biochar/Fe₃O₄ Nanocomposites Potential Application in Textile Wastewater Treatment.*

POLISH JOURNAL OF ENVIRONMENTAL STUDIES

Impact Factor Journal

- 5) *Synthesis and characterization of environmentally friendly corncob biochar-based nano-composite—A potential slow release nano-fertilizer for sustainable agriculture.*

ENVIRONMENTAL NANOTECHNOLOGY, MONITORING & MANAGEMENT

Impact Factor Journal

2018

- 6) *Production of Cellulases by Bacillus cellulosilyticus Using Lignocellulosic Material.*

POLISH JOURNAL OF ENVIRONMENTAL STUDIES

Impact Factor Journal

2017

- 7) *Potential of Energy from the Dentistry Solid Waste of Lahore.*
TRANSYLVANIAN REVIEW
Impact Factor Journal
- 8) *Reactive Dye Removal by a Novel Biochar/ MgO Nanocomposite.*
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN
Impact Factor Journal
- 9) *Risk Profile and Health Vulnerability of Female Workers who pick cotton by Organochlorine Pesticides from Southern Punjab, Pakistan.*
ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY
Impact Factor Journal
- 10) *Heavy metal toxicity and human health risk surveillances of wastewater irrigated vegetables in Lahore District, Pakistan*
CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES
Impact Factor Journal
- 11) *Comparative Analysis of Brown and White Rice Samples For the Presence of Aflatoxin B1 Contamination and Effect of Environment Temperature on Aflatoxin Concentration during Storage.*
TRANSYLVANIAN REVIEW
Impact Factor Journal
- 12) *End- of- Life Scenarios for Municipal Solid Waste of Defence Housing Authority Lahore, Pakistan*
POLISH JOURNAL OF ENVIRONMENTAL STUDIES
Impact Factor Journal

2016

- 13) *Synthesis and characterization of zeolite based nanoecomposite: An environment friendly slow release fertilizer*
MICROPOROUS AND MESOPOROUS MATERIALS
Impact Factor Journal
- 14) *Use of Mercury in Dental Silver Amalgam: An Occupational and Environmental Assessment.*
BIOMED RESEARCH INTERNATIONAL
Impact Factor Journal

- 15) *Environment friendly approach to simultaneously remove unfixed dyes from textile fabric and wash-off liquor*
FIBRES & TEXTILES IN EASTERN EUROPE
Impact Factor Journal
- 16) *Assessment of key parameters in tannery sludge management: A prerequisite for energy recovery*
ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS
Impact Factor Journal
- 17) *Ochratoxin: A Potent Carcinogen : A review Article*
INTERNATIONAL RESEARCH JOURNAL OF BIOLOGICAL SCIENCES

2015

- 18) *Assessment of Mercury Contamination in Water and Soil Surrounding a Chlor-Alkali Plant: A case study*
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN
Impact Factor Journal
- 19) *Prevalence of Work-Related Musculoskeletal Symptoms (WMSS) among the Motorcycle Mechanics of Lahore, Pakistan*
IRANIAN JOURNAL OF PUBLIC HEALTH
Impact Factor Journal
- 20) *Human health risk assessment, congener specific analysis and spatial distribution pattern of organochlorine pesticides (OCPs) through rice crop from selected districts of Punjab Province, Pakistan*
SCIENCE OF THE TOTAL ENVIRONMENT
Impact Factor Journal
- 21) *Potential of biogas in waste activated tannery sludge by anaerobic co-digestion.*
ASIAN JOURNAL OF CHEMISTRY
- 22) *Removal of hydrolyzed reactive dyes from cotton fabric using spent H₂O₂ – A green approach*
ASIAN JOURNAL OF CHEMISTRY
- 23) *A Pilot scale Application of O₃ in Machine Cleaning to Replace Na₂S₂O₄*
ASIAN JOURNAL OF CHEMISTRY

24) *Accumulation of Heavy Metals in Edible Organs of Different Meat Products Available in the Markets of Lahore, Pakistan.*

PAKISTAN JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

25) *Adsorption Studies of Phosphate ions on alginate –Calcium carbonate composite beads.*

AFRICAN JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY

26) *Detection of Bacterial load in drinking water samples by 16s rRNA ribotyping and RAPD analysis.*

ADVANCEMENTS IN LIFE SCIENCES

27) *MgO Nanoparticles for the Removal of Reactive dyes from Waste water.*

**TECHCONNECT WORLD INNOVATION CONFERENCE & EXPO JUNE 14-17
2105 WASHINGTON DC**

2014

28) *Removal of Direct Red 16 (Textile Dye) from Industrial Effluent by using Feldspar.*

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN

Impact Factor Journal

29) *Treatability study of arsenic, fluoride and nitrate from drinking water by adsorption process*

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN

Impact Factor Journal

30) *Comparative study of metal contents in soil and plant being irrigated by tannery treated and fresh water.*

ASIAN JOURNAL OF CHEMISTRY

2013

31) *Spatiotemporal distribution of contaminants in Nullah Palkhu -highly polluted stream of Pakistan*

JOURNAL OF ENVIRONMENTAL SCIENCE AND WATER RESOURCES

32) *Potential effects of human and climate change on freshwater resources in Pakistan*

UNDERSTANDING FRESHWATER QUALITY PROBLEMS IN A CHANGING

WORLD PROCEEDINGS OF H04, IAHS-IAPSO-IASPEI ASSEMBLY,

GOTHENBURG, SWEDEN, JULY 2013 (IAHS PUBL. 361, 2013

2012

33) Lawrencepur Sand- a highly efficient adsorbent for the removal of Cr(VI) from waste water.

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN

Impact Factor Journal

34) Removal of Arsenic from water using Pine Leaves.

JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS.

Impact Factor Journal

35) Forced migration of soluble and suspended materials in water by freezing front in aqueous system.

JOURNAL OF HYDRO-ENVIRONMENT RESEARCH.

Impact Factor Journal

2011

36) Removal of toxic dichlorophenol from water by sorption with chemically activated carbon of almond shells.

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN

Impact Factor Journal

37) Removal of chromium on polyalthia longifolia leaves biomass.

INTERNATIONAL JOURNAL OF PHYTOREMEDIATION.

Impact Factor Journal

38) Chemistry of ice: Migration of ions and gases by directional freezing of water

ARABIAN JOURNAL OF CHEMISTRY

Impact Factor Journal

2010

39) Removal of chromium from waste water using pea waste- a green approach.

GREEN CHEMISTRY LETTERS AND REVIEWS

Impact Factor Journal

40) Biosorption of aqueous lead (II) on Rice Straws (oryza sativa) by Flash Column Process.

JOURNAL OF SCIENTIFIC RESEARCH

2009

41) Biosorption of Hg (II) and Cd(II) from waste water by using Zea Mays waste.

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN.

Impact Factor Journal

42) *Biosorption of Chromium (VI) a low cost milling agro waste Black Gram (Cicer Arientenum) husk by Flash column process.*

JOURNAL OF SCIENTIFIC RESEARCH

2001

43) *Treatment of Sulfide and chromium contents in Tannery wastes.*

PAKISTAN JOURNAL OF ENVIRONMENTAL SCIENCE

BOOK

Title: **“Biosorption of Toxins from Waste Water- A Green Approach”** published by **Lap Lambert Academic Publishing**

THESIS SUPERVISION

Ph.D 4 completed 3 in process

MS 36 completed 7 in process

BS 20 completed 2 in process

Thesis supervised detail:

<i>Doctorate Level</i>			
<i>Sr. no.</i>	<i>Name of Student</i>	<i>Program & Session</i>	<i>Thesis Title</i>
1	Muhammad Zaheer	Ph.D in Environmental Sciences completed in 2017	Application of Green Chemistry in the Synthesis of 2-(2- Fluorobiphenyl -4-yl)Prponoic acid derivatives.
2	Naeem Abbas	Ph.D in Environmental Sciences completed in 2018	Application of Environmental Friendly Practices for tannery sludge reuse by anaerobic co-digestion
3	Ambreen Lateef	Ph.D in Environmental Sciences completed in 2018	Synthesis and characterization of Nanocomposites as slow release environmental friendly fertilizer.
4	Soniya Munir	Ph.D in Environmental Sciences completed in 2018	Transformation of Muncipal solid waste into fuel of Ravi Town, Lahore, Pakistan
5	Shafaq Mubarak	Ph.D in Environmental Sciences completed in 2019	Green approach for the development and characterization of some novel hybrid Pharmacophores

Masters Level

Sr. no.	Name of Student	Program & Session	Thesis Title
1	Aasma Arshad	MS Environmental Sciences (2009-11)	Elimination of Acid Dye from Textile Effluents by using Gypsum as an Adsorbent.
2	Aiifa Chaudhary	MS Environmental Sciences (2009-11)	Contribution of Raiwind area Thermal Power Plants in Air Quality of Lahore City.
3	Saba Maqsood Khan	MS Environmental Sciences (2009-11)	Removal of Direct Red 16 Dye from Waste Water by using Feldspar as an adsorbent.
4	Saleha Anwar Qazi	MS Environmental Sciences (2010-12)	Removal of Textile Dye Yellow 145 from Textile Effluents by using Quartz.
5	Samra Naeem	MS Environmental Sciences (2010-12)	Adsorption Potential of Riverbed Sand towards Reactive Dye (Blue:49):A Batch study.
6	Hassan Zahid	M.Phil Environmental Sciences (2010-12)	Development of Integrated Management System (ISO 14001:2004,OHSAS 18001:2007) For a Manufacturing Facility Lahore.
7	Baila Rabbani	MS Environmental Sciences (2010-12)	A study of Industrial Pollution Load in Charrar Drain, Barki road Lahore.
8	Madiha Baig	MS Environmental Sciences (2010-12)	Reduction of COD from Waste Water through Bioadsorbents-Agreen Approach.
9	Maryam Manzoor	MS Environmental Sciences (2010-12)	A Comparative study of Accumulation of Heavy Metals in Chicken, Meat and Beef Available in the Local Market of Lahore.
10	Sidra Younas	MS Environmental Sciences (2011-13)	Hexavalent Chromium Removal from Wastewater using Acid Treated Peat Moss.
11	Maria Mehboob	MS Environmental Sciences (2011-13)	Heavy Metals Accumulation in Green Leafy Vegetables Farmed near Charrar Drain Lahore.
12	Maleeha Jamal	MS Environmental Sciences (2011-13)	Elimination of Lead from Wastewater using Flash Chromatography.
13	Nazia Zulfaqar	M.Phil Environmental Sciences (2011-13)	Assessment of effects of Tannery Effluent on Physicochemical Characteristics of Water Bodies

			<i>and Soil Profile in Microcosm Studies.</i>
14	<i>Zahid Mehmood</i>	<i>M.Phil Environmental Sciences (2011-13)</i>	<i>Removal of Cadmium and Phosphorus from Wastewater by Alginate complex Beads.</i>
15	<i>Samar Ilyas</i>	<i>MS Environmental Sciences (2011-13)</i>	<i>A study of Mercury Levels in Effluents of Dental Clinics and in Blood Samples of Dental staff in Lahore.</i>
16	<i>Rabia Rafiq</i>	<i>MS Environmental Sciences (2012-14)</i>	<i>Adsorption of Reactive Red 195 by Sodium Alginate beads Impregnated with Charcoal and Clay.</i>
17	<i>Mamoona Mehmood</i>	<i>MS Environmental Sciences (2012-14)</i>	<i>MgO Nanoparticles for the Removal of Reactive Dyes from Industrial Effluents.</i>
18	<i>Anum Haider</i>	<i>MS Environmental Sciences (2012-14)</i>	<i>Removal of Textile Dye (Venyl Sulfonate Blue 21) through biosorption using acid treated Sugarcane bagasse.</i>
19	<i>Bushra Azam</i>	<i>MS Environmental Sciences (2013-15)</i>	<i>Fats, Oil and Grease degradation potential of bacterial strains from Domestic Wastewater.</i>
20	<i>Iqra Ayub</i>	<i>MS Environmental Sciences (2013-15)</i>	<i>The Effect of Refuse Derived Fuel (RDF) on the Yield of Pyrolysis Oil.</i>
21	<i>Amna Moazzam</i>	<i>MS Environmental Sciences (2013-15)</i>	<i>Removal of Textile Dyes by using Rice Straw Charcoal Doped with MgO Nanoparticles.</i>
22	<i>Farah Nadeem</i>	<i>MS Environmental Sciences (2013-15)</i>	<i>Adsorption study of Selected Reactive Dyes on Charcoal Doped with Iron Oxide Nanoparticles.</i>
23	<i>Munazza Bashir</i>	<i>MS Environmental Sciences (2014-16)</i>	<i>Biofuels Production through Agrowaste Pyrolysis.</i>
24	<i>Muzna Zainab</i>	<i>MS Environmental Sciences (2014-16)</i>	<i>Refuse Derived Fuel (RDF) production from Municipal Solid Waste (MSW) generated from the University of the Punjab Lahore.</i>
25	<i>Tahira Gul</i>	<i>MS Environmental Sciences (2014-16)</i>	<i>Green synthesis of Mg nano particles using Aloe vera and Psidium guajava leaf extract and evaluation of Anti-microbial Activity.</i>
26	<i>Misbah Ammanat</i>	<i>MS Environmental Sciences (2014-16)</i>	<i>Impact Assessment of Extra High Voltage (EHV) Power Distribution Substation on Environmental and Social perspectives of Surrounding Community.</i>

27	<i>Maha Usman</i>	<i>MS Environmental Sciences (2014-16)</i>	<i>Removal of Lead from Wastewater through Iron Doped Biochar Nanocomposite.</i>
28	<i>Amber Riaz</i>	<i>MS Environmental Sciences (2015-17)</i>	<i>Physiochemical Characterization of Wastewater of Pandoki Drain Lahore to observe Seasonal variation in Pollution Load.</i>
29	<i>Sidra Zahid</i>	<i>MS Environmental Sciences (2015-17)</i>	<i>Removal of Methyl Violet Dye from Wastewater by using Nanocomposites of FeO Doped with Sorghum Bicolor(L.).</i>
30	<i>Junaid Ali Asad</i>	<i>MS Environmental Sciences (2015-17)</i>	<i>Assessment of RDF Pallets produced from MSW and Agro-Waste Blends Using Starch as a Blender.</i>
31	<i>Muhammad Noman Farooq</i>	<i>MS Environmental Sciences (2015-17)</i>	<i>Treatment and reuse of textile wastewater through horizontal constructed wetlands.</i>
32	<i>Zainab Lali</i>	<i>MS Environmental Sciences (2016-18)</i>	<i>Assessment of irrigation water quality of Sargodha District, Punjab, Pakistan</i>
33	<i>Rabbia Nasir</i>	<i>MS Environmental Sciences (2016-18)</i>	<i>Estimation of Residual level of Analgesics in Pharmaceutical wastewater.</i>
34	<i>Maria Latif</i>	<i>MS Environmental Sciences (2016-18)</i>	<i>Quantification of Preservatives and active whitening agents residues in PCPs waste water and their Environmental impacts.</i>
35	<i>Hafsa Imran</i>	<i>MS Environmental Sciences (2016-18)</i>	<i>Comparative study of CHAR as Refuse derived Fuel produced from the catalytic Pyrolysis of Municipal solid waste.</i>
36	<i>Rabia Aziz</i>	<i>MS Environmental Sciences (2016-18)</i>	<i>Biosorption of Pb(II) and Cd(II) from Wastewater by using Amino functionalized Sesbania Bispinosa.</i>
37	<i>Maliha Sherbano</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Elimination of Methylene Blue and Congo red dyes using Chemically modified Sorghum Biocolor</i>
38	<i>Maliha Anjum</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Health, Safety and Environmental Risk Assessment of a selected Construction site</i>
39	<i>Aniza Naveed</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Reduction of Color and COD from Industrial Effluents using Polymeric Treatment</i>
40	<i>Khudajah Ikram</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Evaluation of Chemically Modified Polyalthia Longifolia as bioadsorbent for Textile Dyes</i>

41	<i>Humda Mehmood</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Exposure of Toxic Trace metals in Fish Species of River Ravi</i>
42	<i>Ahsaan Ali</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Prevalence of Microplastic contamination in Indus Blind Dolphin in Central Indus River , Pakistan</i>
43	<i>Ume- Farwa</i>	<i>MS Environmental Sciences (2017-19)</i>	<i>Removal of Ciprofloxacin from Pharmaceutical Effluents through Adsorption</i>

Bachelor level

Sr. no.	Name of Student	Program & Session	Thesis Title
1	<i>Anum Arooj Houda Javed Saadia Pervaiz</i>	<i>BS Environmental Sciences (2005-2009)</i>	<i>Pollution load in River Ravi Due to WASA and its Impacts on Ground water</i>
2	<i>Ambreen Asad Ullah Baila Rabbani</i>	<i>BS Environmental Sciences (2005-2009)</i>	<i>Evaluation of Efficiency of Wastewater Treatment Plant of PEPSI Cola International, Hattar</i>
3	<i>M. Anser M. Naeem Abbas</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>A Review of Health, Safety and Environment of Attock Refinery Limited Morgah, Rawalpindi</i>
4	<i>Muzaffar Ahmad Farah Ihsan</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>Study of Health Safety and Environment of Sitara Chemical Industries Limited Faisalabad</i>
5	<i>Aashar Habib</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>Evaluation of Health, Safety and Environment (HSE) Practices in US Denim Mills Pvt. Ltd. Lahore</i>
6	<i>Humayun Yaqub Tousif Umer</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>Study of Health, Safety and Environment Conditions of Dakhni Gas Processing Plant and Oil Field OGDCL, Attock</i>
7	<i>Samar Ilyas</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>Occupational Health and Safety in Engro Foods Supply Chain</i>
8	<i>Arooj Nazir Syeda Madiha Amjad</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>Review of Health, Safety and Environmental Practices in Coca Cola Beverages Pakistan Ltd</i>
9	<i>Ayesha Ijaz Almas Altaf Noor-ul-huda</i>	<i>BS Environmental Sciences (2007-2011)</i>	<i>The study of Occupational Health and Safety conditions of Pack Tech Private Ltd Lhr</i>
10	<i>Mamoona Riaz Iqbal Zahid</i>	<i>BS Environmental Sciences (2008-2012)</i>	<i>Potential of Chromium to induce salt tolerance in Sorghum</i>

	<i>Hussain Anam Abbas</i>		
11	<i>Waseem Ullah Khokhar Maimoona Ayub</i>	<i>BS Environmental Sciences (2009-2013)</i>	<i>Potential Development of MS consisting of OHSAS and EMS of Dakhni Oil and Gas Processing Plant, OGDCL Attock</i>
12	<i>Iqra Javaid Rubab Khalid Ayesha Shahid</i>	<i>BS Environmental Sciences (2009-2013)</i>	<i>Estimation of Mercury Contamination in Nullah Dek and its Surrounding Agriculture Fields Due to Effluent Discharge of Chlor-Alkali Plant (Kala Shah Kaku)</i>
13	<i>Haleema Ilyas Maha Usman Fiza Saleem</i>	<i>BS Environmental Sciences (2010-2014)</i>	<i>Effectiveness of the Implementation of Environmental Management System in Small to Medium Enterprises (SME's) of a Developing Country</i>
14	<i>Misbah Ammanat Syeda Shahana Kazmi Huma Sajid</i>	<i>BS Environmental Sciences (2010-2014)</i>	<i>Environmental Impact Assessment for 220 kV Lalian Grid Station and Allied Transmission Line, Lalian Chiniot, Faisalabad, Punjab</i>
15	<i>Tanveer Umer Haris Baloch</i>	<i>BS Environmental Sciences (2010-2014)</i>	<i>Study of Occupational Health and Safety Conditions in Venus Pharma (Pvt) Ltd</i>
16	<i>Tahira Gull Anam Javed</i>	<i>BS Environmental Sciences (2010-2014)</i>	<i>Occupational Health and Safety surveillance- A case study of Aluminum Industry of Lahore</i>
17	<i>Asma Ahmad Ayesha Baig</i>	<i>BS Environmental Sciences (2012-2016)</i>	<i>Assessment of Heavy Metals in Some Captive Bird at Lahore Zoo</i>
18	<i>Samina Aslam Arslan Mujahid</i>	<i>BS Environmental Sciences (2012-2016)</i>	<i>Removal of Nickel from aqueous solution Using Eucalyptus Labill (Eucalyptus bark) as biosorbent.</i>
19	<i>Sabeen Idress Fasiha Sajjad Rida Riaz</i>	<i>BS Environmental Sciences (2013-2017)</i>	<i>Evaluation of current health and safety status in CHT(Pvt) Limited Lahore Pakistan</i>
20	<i>M. Usama Sheraz Ahmad Abdul ehman</i>	<i>BS Environmental Sciences (2014-2018)</i>	<i>Evaluation of wastewater treatment plant efficiency in textile industry.</i>

COURSES TAUGHT

Sr. No.	Course Code	Course Title	Level
1	ENSC 715	Environmental applications of Nanomaterials	Ph.D
2	ENSC 703	Green Chemistry	Ph.D
3	ENSC 514	Advanced Analytical Techniques in Environment	MS
4	ENSC 302	Analytical Chemistry	BS/M.Sc
5	ENSC 203	Toxic Organics in Environment	BS
6	ENSC 308	Chemistry of Indigeneous Industrial Effluents	BS
7	ENSC 428	Hazards of Heavy Metals	BS/M.Sc
8	ENSC 112	Environmental Chemistry	BS
9	ENSC 105	General Chemistry	BS/M.Sc

CONFRENCES & WORKSHOPS ATTENDED

- A poster Presentation titles '*MgO Nanoparticles for the Removal of Reactive dyes from Waste water*' in *Techconnect World Innovation Conference & Expo June 14-17 2105 Washington DC.*
- **International Conference on Significance of Potash use In Pakistani Agriculture** held on 24-25 November 2016 at Institute of Agricultural Sciences , University of the Punjab, poster presentation titled "*Effects of Nutrient Impregnated Zeolite based nano-fertilizers on growth and yield of sunflower crop*
- **4th International conference on Energy, Environment and sustainable Development** 2016 held on 01-03 November 2016 at Mehran University of Engineering and

Technology Jamshoro Sind Pakistan presented paper titled “Study on the accidental release of toxic gases and its consequences using ALOHA technique”

- **4th International conference on Energy, Environment and sustainable Development** 2016 held on 01-03 November 2016 at Mehran University of Engineering and Technology Jamshoro Sind Pakistan presented paper “Correlation and optimization studies of different parameters for biogas production from sugar cane molasses –a sugar cane mill waste”.
- **4th International conference on Energy, Environment and sustainable Development** held on 01-03 November 2016 at Mehran University of Engineering and Technology Jamshoro Sind Pakistan presented paper “Biouels Production through Agro waste Pyrolysis”
- **6th International Conference Environmentally Sustainable Development ESDev-2016** held on 25-27 April 2016 at Comsat Institute of Information Technology Abbottabad (Pakistan) “Spatio-Temporal Pattren of Urban Expansion Vegetation Cover in Major Cities of the Punjab, Pakistan”
- An oral Presentation in International Conference on **Renewable Energy Technologies in Pakistan** from October 1-3, 2013 titled “Potential of Energy in Solid waste of Dental Units in Two hospitals of Lahore”.
- A Poster presentation in 32nd Pakistan Congress of Zoology titled **Diversity and Distribution of Earthworms in Urban areas of Lahore, Pakistan**
- An oral presentation in **2nd international Conference on Energy, Environment & Sustainable Development (EESD2012). MUET Jamshoro, Pakistan** Feb 27-29 2012, titled “Contribution of Raiwind Area Thermal Power Plants in Air Quality of lahore city”
- Attended two days workshop on **Ozone Depletig Substances** organized by Environmental protection Department on March 18-19, 1998.
- Attended five day workshop on **Chemistry and Environment** organized by Higher education commission on October 20-25 , 2003
- A paper titled ‘Contribution of Raiwind Area Thermal power plants in Air Quality of Lahore City’ in **2nd International conference on Energy , Environment & Sustainable Development (EESD2012) at MUET Jamshoro , Pakistan on February 27-29, 2012.**

- Attended two days course arranged by institute of Environmental Sciences *Solid Waste disposal by Deep slurry injection* on December 20-22, 2004.
- One day course arranged by Environmental protection Department and College of earth and Environmental Sciences on *Management / treatment of waste waters from food Processing/Beverages/Agro-Based Industries* on February 22, 2007.
- Three days Conference *18th National Chemistry Conference* held in Institute of Chemistry Punjab University on February 25-27, 2008.
- One day campaign on *Say no to plastic shopping bags* at Lahore Zoo on June 2nd 2006.
- A Four days course on *Our future, Climate and Environment* at institute of environmental Sciences Punjab university, on September 08-11, 2009

ADMINISTRATIVE RESPONSIBILITIES

- Member of Board of Studies in College of Earth and Environmental Sciences
- Student Advisor in College of Earth and Environmental Sciences from 2004 to 2010
- Member of Board of Faculty of Sciences, University of the Punjab.
- Member of Doctoral Programme Committee in College of Earth and Environmental Sciences
- Course Co-ordinator of MS Environmental Sciences.
- Member of Examination Committee of College of Earth and Environmental Sciences
- Member of Purchase Committee of College of Earth and Environmental Sciences

ASSOCIATION MEMBERSHIPS

- Chemical Society of Pakistan
- Pakistan Institute of Chemists
- Pakistan Environmentalist Association