
DR. NASIR AHMAD

OFFICE

Director, Institute of Geology
University of the Punjab
Lahore-Pakistan

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PERSONAL:

Name:	Nasir Ahmad
Age:	55 years
Date of Birth	05 May, 1956
Nationality:	Pakistani
Marital Status:	Married
Present Residence:	ER-06, Staff Colony University of the Punjab Lahore

EDUCATION:

1994 – 1998	Doctor of Philosophy Supervisor: Dr. Paul T. Williams F.G.S., C.Eng. M. Inst. E. (Professor in Environmental Engineering) School of Environment, Process and material Sciences, Leeds University Leeds, LS2 9JT, U.K.
1992-1993	Research (Shallow Seismic Reflection) Geology Department Leicester University, Leicester, U.K.
1979 – 1981:	Master of Science (Geology/ Geophysics) Institute of Geology University of the Punjab Lahore-Pakistan
1975 – 1979	Bachelor of Science (Geology) Institute of Geology University of the Punjab Lahore
1972-1975	Fellow of Science (F.Sc.) Govt. Murrey College Sialkot, Pakistan.
1976	F.Sc. Mathematics (Additional) Board of Intermediate & Secondary Education, Lahore-Pakistan
1968 – 1972	Matriculation Examinations (Science) Islamia High School Nonar Sialkot – Pakistan

WORK EXPERIENCE	1981-1983	Associated consulting Engineer (ACE) Worked as Geologist, at Kalabagh & Khanpur Dams
	1984 – 1990	Lecturer (Geophysics / Geology) Institute of Geology University of the Punjab, Lahore-Pakistan
	1991-2001	Assistant Professor Institute of Geology University of the Punjab, Lahore-Pakistan
	2001 – 2003	Associate Professor Institute of geology University of the Punjab, Lahore – Pakistan
	2003 – to date	Professor Institute of Geology University of the Punjab, Lahore-Pakistan

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- National Geological Society of Pakistan
 - International Association of Hydrologists
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POSITIONS/RESPONSIBILITIES

Academic / Administrative

Director

Institute of Geology
University of the Punjab
(May 23, 2006 - to -date)

Director

Research and Development
University of the Punjab
(Feb. 2005 to March 9, 2007)

Incharge

Division of Environmental Science
Institute of Geology
University of the Punjab, Lahore
(1998 – 2000)

Coordinator

M.Sc. and Postgraduate Diploma in the Applied
Environmental Science programs,
Postgraduate Centre for Earth Sciences, University of
the Punjab, Lahore
(January 2001- February 2005)

Chairman

Semester Implementation Committee
(March 2008 – to-date)

Structure Committee

(February, 2007 – to -date)

Lump-Sum Provision for Research Committee

(2011 – to-date)

MEMBER

Semester System Implementation Committee

University of the Punjab
(March 1, 2006 –March 23-2008)

Board of Studies in Earth Sciences

Quaid-I-Azam University
Islamabad
(2003- to-date)

Doctoral Program Committee in Geography

(2011 – to-date)

Board of Faculty of Science

University of the Punjab
(2003 – to-date)

Senate

University of the Punjab
(2003 – to date)

Board of Governors

National Centre of Excellence in Geology
University of Peshawar
Peshawar
(August 2007- to-date)

International Association of Hydrogeologists

(2001- to-date)

Central Instrumentation Laboratory

(December 2004 – April 2008)

Convener

Board of Studies in Geology
University of the Punjab, Lahore
(May 2006 – to-date)

Secretary**Overseas Scholarship Committee**

University of the Punjab
(May 2005 – April, 2007)
(April 2008 – to-date)

Incentive Award Committee on Research Publications

University of the Punjab, Lahore
(August 2005 – April, 2007)

Research Project Evaluation Committee

University of the Punjab, Lahore
(June 2008 – to-date)

Member**Doctoral Program Coordination Committee**

(February 2005 - to-date)

Advance Studies and Research Board

University of the Punjab
(May 2005 – March 2007)
(March 28, 2008 – March 27, 2011)

University Main Auction Committee

University of the Punjab
(March , 2006 – to -date)

Committee for Faculty and Staff Development

Component of PC-I Strengthening and Upgradation of departments
(February 2008 – to-date)

Appellate Committee

University of the Punjab
(March 19, 2008 – June 2011)

Academic Committee

School of Biological Sciences
University of the Punjab
(July 2005 – July 2006)

Inter University Course Curriculum Committee

(IUCCC) in Environmental Sciences
(April 2004 – Dec. 2004)

Internal Peer Review of Secondary Education

Institute of Education & Research
University of the Punjab
(2003 – 2004)

Central Instrumentation Laboratory

(December 2004 – April 2008)

Academic Committee

School of Biological Sciences
University of the Punjab
(July 2005 – July 2006)

Inter University Course Curriculum Committee

(IUCCC) in Environmental Sciences
(April 2004 – Dec. 2004)

Internal Peer Review of Secondary Education

Institute of Education & Research
University of the Punjab
(2003 – 2004)

Superintendent

Hostel – 11
University of the Punjab, Lahore
(1986 – 1992)

Joint Secretary

National Geological Society of Pakistan
(2001-2004)

Chief Editor

- Geological Bulletin of Punjab University

SPECIAL SKILLS

- Proficient in Computer languages, software applications and personal computer (especial work-processing, spreadsheet, Graphic programs such origin, Designer etc.)
- Communication Skills: Fluent in English and Urdu
- Skilful use of technical equipment and laboratory facilities (Thermogravimetric Analyzer, Elemental Analyzer, Gas Chromatographes, HPLC, Fourier Transform Infrared Spectrometer
- Surface Area Meter, XRD Spectrometer, X-Ray Flurorescence Spectrograph and working knowledge of GC-MS.

POSITIONS**School**

First position in all examinations in the School (1968 – 1971)

Second position in the school in matriculation examination (1972)

University

Second Position in the University in M.Sc. Examination held in 1981

SCIENTIFIC PUBLICATIONS

1. Published in International Journals

Sr. No.	Co-Author	Year	Title of Paper	Name of Publishing Journal	Impact Factor	Vol. / No.	Page
1.	Shah FR, Masood KR, Peralta-Videa JR, Zahid DM. Zubair M	2010	Response of <i>Eucalyptus camaldulensis</i> to irrigation with the Hudiera drain effluent	Int. J. Phytoremediation	1.321	12	343-357
2.	Shaikh, I. A. and Urooj, F.	2010	Improved Deep Shade Reactive Dyeing colorfastness Using Ozone During Wash-off.	AATCC Review	0.293	10(6)	73-77
3.	Hajira, K., Yasar, A. and Rukhsana, S.	2010	Advanced Oxidative decolorization of Red Cl-5B: effect of dye concentration, process optimization and reaction kinetics	Polish Journal of Environmental Studies	0.947	19(1)	83-92
4.	Shah, F.R., K.R. Masood, S.S. Ahmad and D.M. Zahid	2010	The Hudiera Drain Wastewater Effect on the Distribution of Surrounding Herbaceous Vegetation	Pakistan Journal of Botany	0.520	42(3)	1045-1054
5.	Shah FR, Peralta-Videa JR, Masood KR	2010	Response of <i>Eucalyptus Camaldulensis</i> to Exogenous Application of Cadmium and Chromium.	Pakistan Journal of Botany	0.520		
6.	Qazi, M.A., Akram, M. Artiola, J.F. and Tuller, M.	2009	Economical and environmental implications of solid waste compost applications to agricultural fields in Punjab, Pakistan.	Waste Management	2.924	29	2437-2445
7.	A. Mahtab, M. Tariq and T. Shafiq	2009	Coagulation/ Adoption combined treatment of slaughterhouse wastewater.	Desalination and Water Treatment	Under process	12	270-275
8.	F.R. Shah, K.R. Masood and D.M. Zahid	2008	The influence of cadmium and chromium on the biomass production of shisham (<i>Dalbergia Sissoo Roxb.</i>) Seedlings.	Pakistan Journal of Botany	0.520	40(04)	1341-1348
9.	Akhtar, M. and Booij, M.J.,	2008	The impact of climate change on the water resources of Hindukush-Karakorum-Himalaya region under different glacier coverage scenarios.	Journal of Hydrology	2.443	355	148-163

Sr. No.	Co-Author	Year	Title of Paper	Name of Publishing Journal	Impact Factor	Vol. / No.	Page
10.	Akhtar, M., and Booij, M.J	2008	Use of regional climate model simulations as input for hydrological models for the Hindukush-Karakorum-Himalaya region.	Hydrology and Earth System Sciences	2.462	5	865-902
11.	Yasar, A. Latif, H. and Khan, A.A.A.	2007	Pathogen Re-growth in UASB effluent disinfected by UV, O ₃ , H ₂ O ₂ , and Advanced Oxidation Processes.	Ozone-Science & Engineering	1.252	29	1-8
12.	Yasar, A., Chaudhry, M.N. Rehman, M.S.U., and Khan, A.A.A.	2007	Ozone for color and COD removal of raw and anaerobically biotreated combined industrial wastewater.	Polish Journal of Environmental Studies	0.947	16(2)	289-294
13.	Yasar, A., Khan, A.A.A., and Yousaf, A.	2007	Decolorization of CL-BR Blue dye by AOPs using bleach Wastewater as Source of H ₂ O ₂	Journal of Environmental Sciences-China	1.412	19(10)	1183-1188
14.	Qazi, M.A. and Akram, M.	2007	Integrated Nutrient Management for Wheat by Municipal solid waste manure in Rice-wheat and cotton-wheat cropping systems.	Polish Journal of Environmental Studies	0.947	16(04)	495-503
15.	A. Yasar and A.A.A., Khan	2006	Energy Requirement of Ultraviolet and AOPs for the Post-Treatment of Treated Combined Industrial Effluent	Coloration Technology	1.130	122	201-206
16.	M. Ahmad, M. Usman, and T. Shafiq	2006	Dispersion Gradient of Free Fall Dust and Heavy Metal Elements Concentration in Dust along a Main Road.	Journal of Chem. Soc. Pk	0.190	28 (6)	567-575
17.	M. Akram, R.M., Qureshi, T.J. Solaija, A. Mashiat Ullah, M.Afzal, M.U. Faruq and L. Zeb.	2006	Concentration of Natural and Artificial Radionuclides in Bottom Sediments of Karachi Harbour / Manora Channel, Pakistan Coast (Arabian Sea)	Jour. Chem.Soc. Pak.	0.190	28(3)	306-312
18.	M. Akram, R.M. Qureshi, T.J. Solaija and I, Ahmad	2006	Determination of Gamma-Emitting Radionuclides in the Inter-Tidal Sediments off Balochistan (Pakistan) Coast Arabian Sea.	Radiation Protection Dosimetry	0.707	Doia:10.1093/rpd/nci105	1-6
19.	S.N.A. Tahir, K. Jamil, J.H.Zaidi, M. Arif and Syed Arif Ahmad	2005	Measurements of Activity concentrations of naturally occurring radionuclides in soil samples from Punjab Province of Pakistan and Assessment of Radiological hazards.	Radiation protection Dosimetry	0.707	113(4)	421-427
20.	B. Ahmad, M. Ahmad and J.I. Akhtar	2005	Formation of diamond-like carbon balls, self aligned and nonaligned nanotubes at the tip of the cathode during the synthesis of fullerenes in the DC arc	Materials Letters	1.940	59	1585-1588

Sr. No.	Co-Author	Year	Title of Paper	Name of Publishing Journal	Impact Factor	Vol. / No.	Page
21.	B. Ahmad, M. Ahmad, M. Riaz and S. Ahmad	2005	Effect of surface temperature on the concentration of C60/C70 molecules in dc arc discharge fullerene generator.	Materials Chemistry and Physics	2.015	94(1)	52-57
22.	M. Akram, R.M. Qureshi, T. J. Solaija	2005	Gamma Emitting radionuclides in the shallow marine sediments of Sindh coast, Arabian Sea.	Radiation Protection Dosimetry	0.707	Doi:10.1093/rpd/nci355	1-8
23.	S.N.A Tahir, K. Jamil, J.H. Zaidi and M. Arif	2005	Activity concentration of ^{137}Cs in soil samples from Punjab Province (Pakistan) and estimation of Gamma-Ray dose rate for external exposure.	Radiation Protection Dosimetry	0.707	118(3)	345-351
24.	P.T. Williams	2000	Investigation of oil shale pyrolysis processing conditions using thermogravimetric analysis.	Applied Energy	2.209	66	113-133
25.	P.T. Williams	1999	Influence of process conditions on the pyrolysis of Pakistani oil shales.	Fuel	3.179	78	653-662
26.	P.T. Williams	1998	Influence of particle grain size on the yield and composition of products from the pyrolysis of oil shales.	Journal of analytical and applied pyrolysis	2.311	46	31-49

2. Papers Published in International Conferences

Sr. No.	Co-Author	Year	Title of Paper	Name of Conference	Vol. / No.	Page
27.	M. Akhtar, M.N. Chaudhry and K Babar	2005	Spatial and Temporal variations in precipitation and temperature in the Upper Indus Basin, Pakistan	Proceeding of the First International ESDev-05, 26-28 June 2005, CIIT-Abbottabad, Pakistan	I	639-651
28.	T. Javed, R.M. Qureshi, A. Mashiatullah, W. Akram and M.A. Tasneem	2005	Environmental Isotope and Chemical Characterization of Groundwater in Islamabad	Proceeding of the First International ESDev-05, 26-28 June 2005, CIIT-Abbottabad, Pakistan	II	1035-1042
29.	A. Mashiatullah, R.M. Qureshi, T. Javed, E. Ahmad and Z. Latif	2005	Physicochemical and environmental stable isotope profile of marine coastal water, Pakistan	Proceeding of the First International ESDev-05, 26-28 June 2005, CIIT-Abbottabad, Pakistan	II	1169-1178

Sr. No.	Co-Author	Year	Title of Paper	Name of Conference	Vol. / No.	Page
30.	A. Yasar, M.N. Chaudhary and M. Sarwar	2005	The effect of industrial effluent stream on the groundwater.	Proceeding of the First International ESDev-05, 26-28 June 2005, CIIT-Abbottabad, Pakistan	II	1005-1014
31.	A. Yasar, M.N. Chaudhary, M. Sarwar, M. Irfan, and H. Latif	2005	Comparative study of conventional and advanced oxidation techniques for the pathogen removal from UASB / UASF treated effluent.	Proceeding of the First International ESDev-05, 26-28 June 2005, CIIT-Abbottabad, Pakistan	II	1305-1314
32.	A. Yasar, M.N. Chaudhary, M. Sarwar, T. Masood and A. Yaqub	2005	Upflow anaerobic sludge reactors for the treatment of combined industrial effluent in subtropical conditions: A comparison between UASB and UASF reactor.	Proceeding of the First International ESDev-05, 26-28 June 2005, CIIT-Abbottabad, Pakistan	II	1321-1328.
33.	Akhtar M. Chaudhary, M.N. and Hussain, S.P	2005	Climate Change in the Upper Indus Basin of Pakistan: A case study.	Proceedings of National Workshop on Global Change – Challenges, Impacts, opportunities and prospects, Islamabad-Pakistan.	--	14-28
34.	M. Akhtar	2005	An assessment of environmental pollution in the Karakoram mountain range.	Proceedings of International Karakoram Conference, Islamabad-Pakistan	IKC-2005	74
35.	Akhtar, M.	2005	Climate change in Karakoram mountain range favoring redistribution of ice by elevation in recent decades.	Proceeding of International Karakoram Conference, Islamabad-Pakistan	IKC-2005	76
36.	P.T. Williams	1996	Solvent extraction of Nigerian Tar Sands.	Proceeding of the 1996 IchemE. Research Event-Second European Conference for Young Researchers in Chemical Engineering, University of Leeds, U.K. 2-3 April 1996	--	656-660

3. Papers Published in HEC Recognized / Approved National Journals

Sr. No.	Co-Author	Year	Title of Paper	Name of Publishing Journal	Vol. / No.	Page
37.	Mashiatullah, A., Qureshi, M.R, Javed, T., Chaudhary, M.Z., Fazil, M. and Khan, M.S.	2011	Stable isotopic Techniques to address Marin Pollution Karachi Coast as a Case Study.	The Nucleus	48(2)	143-148
38.	Maria Khalid, Ahmad N. and Qureshi, R.M	2008	Laboratory Scale Electrokinetic Remediation of Hexavalent Chromium from (Contaminated Soil).	<i>The Nucleus</i>	45(1-2)	55-61
39.	Maria Khalid, R.M. Qureshi, N. Ahmad	2007	Step Towards In-situ Electrokinetic Remediation of Contaminated Soils in Pakistan	<i>The Nucleus</i>	44 (1-2)	11-17
40.	Yasar, A., Khan, A.A.A., Khan, H. and Khalid, M.	2007	Kinetics of UV, Fenton and Photo Fenton Processes for Decolorization of Various Red CL-5B Dye concentration.	<i>Journal of Applied Sciences</i>	7(16)	2339-2344
41.	M. Akram, R.M. Qureshi, T.J. Solaija, A. Mashiatullah, M.A. Ayub and S. Irshad	2004	Determination of natural and artificial radionuclides in sea water and sediments off Gawadar Coast, Arabian Sea.	The Nucleus	41(1-4)	19-25
42.	Yasar, A. and Khan, A.A.A.	2006	Development of Sludge Bed in Upflow Anaerobic Reactors Treating Combined Industrial Effluent.	Biotechnology	5(3)	373-378
43.	Yasar, A. and Khan, A.A.A.	2006	Advanced (Ozone) and Conventional (Biological) Techniques for Disinfection of UASB Treated Effluent	<i>Pakistan Journal of Biological Sciences</i>	9(12)	2293-2297
44.	A. Mashiatullah, Riffat M. Qureshi T. Javed and Zahir Shah	2005	Distribution of trace metals in Intertidal sediment along Karachi Coast, Pakistan	<i>Geol. Bull. Univ. Peshawar</i>	37	215-223
45.	M. Akram and M. A. Qazi	2004	Evaluating cropping systems effects on soil fertility and environment	<i>Pak. J. Soil. Scie.</i>	23(3-4)	18-24

4. Papers Published in National Journals

Sr. No.	Co-Author	Year	Title of Paper	Name of Publishing Journal	Vol. / No.	Page
46.	Qazi, M.A., Akram, M. and Khattak, M.A.	2007	Integrated Nutrients Management for Desi Cotton.	Sci. Int. (Lahore)	19(1)	35-39
47.	Qazi, M.A., and Akram, M.	2006	Effect of Inorganic Fertilizers and Municipal Solid Waste Manure on Some Soil Physical Properties in Cotton-Wheat Cropping System.	Sci. Int. (Lahore)	18(3)	241-247
48.	A. Mashiatullah, R.M. Quresh, T. Javed, Q.M. Hussain and M. Zaman	2006	Stable Carbon Isotope (¹³ C) Composition of Seaweed off Karachi Coast-Pakistan.	Int. Jour. Of Phyco. Phycochem	2(1)	1-6
49.	A. Yasar and M. Sarwar	2003	The effect of pH and HRT on the removal efficiency of the upflow anaerobic sludge blanket (UASB) reactor	Pakistan Journal of Environmental Science	3(1)	1-8
50.	A. Yasar	2002	A study of noise levels and particulate matter concentration typical to an automobile industrial unit.	Pakistan Journal of Environmental Science	2 (2)	1-10
51.	M. Azhar Javed, M. Tariq Yamin, Ch. Karamat Ali and H.R. Ahmad	2002	Hydro-Geochemical ion transport modeling for rating groundwater quality of a soil water system	Pakistan Journal of Environmental Science	1(2)	67-76
52.	Ahsan, N. and Chaudhry M.N.	2002	Sedimentology of Lower Jurassic to Middle Eocene Rocks of Hazara and Kashmir Basins, Northwest Lesser Himalayas, Pakistan.	Pak. Jour. Geol	16 & 17 (1 & 2)	1-20
53.	R.M. Qureshi, T. Javed, Habib-ur-Rehman, Z. Latif and A. Mashiatullah	2002	Elemental and stable carbon isotope analysis of coal from two collieries in Punjab, Pakistan	Pak. Jour. Geol.	16& 17 (1 & 2)	21-26
54.	Chaudhry, M.N., Ahsan, N. and Ahmad, F.	2000	Petrography of Lumshiwal Formation, Karlan Bazar, Nathiagali – Abbottabad Road, Hazara Basin, Pakistan.	Pak. Jour. Geol	12 & 13 (1 & 2)	1-12
55.	M.N. Chaudhary	2000	Characterization of Pakistani Oil Shales	Pak. Jour. Geol.	12 & 13	13-25
56.	I.H. Baloch and M.N. Chaudhary	2000	Feldspathoids Mineral chemistry in the Koga undersaturated alkaline complex Buner Swat, Pakistan.	Geol. Bull. Punjab, University	35	117-123
57.	M.N. Chaudhary	1999	A study of oil shales of Kohat basin, Pakistan.	Pak. Jour. Geol.	10&11	1-8

Sr. No.	Co-Author	Year	Title of Paper	Name of Publishing Journal	Vol. / No.	Page
58.	Ahsan, N. Chaudhry, M.N. and Hameed, A.	1999	Petrology and environment of deposition of Lumshiwal Formation, Jhamiri village, aripur-Jabrian road, Hazara Basin, Pakistan.	<i>Pak. Jour. Geol.</i>	10 & 11	9-19
59.	I.H. Baloch, A. Mateen, M.N. Chaudhry and M. Ghazanfar	1999	K-Rb relations in the Koga Ijolite feldspathoidal syenite complex, Buner Swat Pakistan: Their bearing on the petrogenesis and comparison with similar alkaline undersaturated Magma series of the world.	<i>Pak. Jour. Geol</i>	10&11	20-33
60.	Ahsan, N. Chaudhary, M.N. Mahmood, T. and Masood K.R	1999	Microfacies analysis and environment of deposition of Hangu Formation at Chahla Bandi, Azad Kashmir, NW Lesser Himalayas.	<i>Pak. Jour. Geol</i>	10 & 11	34-40
61.	I.H. Baloch, M.N Chaudhary and M. Ghazanfar	1998	Feldspars of the Koga Feldspathoidal Syenite – Carbonatite complex, Buner Swat, NW Pakistan.	<i>Pak Jour. Geol.</i>	8&9	1-6
62.	N. Ahsan, Z. Rehman, M.N. Chaudhary and M. Ghazanfar	1998	Lithofacies studies of Margala Hill limestone at Khaira Gali, Murree-Ayubia road, Hazara Basin, Pakistan	<i>Pak. Jour. Geol.</i>	8&9	7-17
63.	M.N. Chaudhary, N. Ahsan and K.R. Masood	1998	Lithofacies, microfacies, diagenesis and environment of deposition of Lumshiwal Formation at Kundla, Hazara Basin.	<i>Pak. Jour. Geol.</i>	8&9	29-39

SCIENTIFIC ABSTRACTS

- M. Akram, R.M. Qureshi, N. Ahmad, T.J. Solaija, M. Afzal, M.U. Farooq, L. Zeb. Concentration of Gamma Emitting “Radionuclides in bottom sediments of Karachi Harbor/ Manora channel, Pakistan, First International Conference, 23-24 September 2005, The University of Azad Jammu and Kashmir, Muzaffarabad, Abstracts, p 35.
- N. Ahmad and M.H. Chishti, Geochemistry of oil shale deposits of Pakistan, Third South Asia Geological Congress, GEOSAS-III, Lahore Pakistan September 23-26 2000, Abstracts, P. 148.
- M.H. Chishti and N. Ahmad, Characterization of pyrolysis derived hydrotreated shale oil from Pakistani oil shale, GEOSAS-III, Lahore, September 23-26, 2000, Abstracts, p. 124

LIST OF M.Sc. THESIS SUPERVISED

Sr. No.	Student's Name	Thesis Title	Year
1.	Kiran Bukhari	Post Treatment of UASB Treated Municipal Wastewater by applying Advanced Oxidation Process for Pathogens Removal	2007
2.	Rabiya Manzoor, Sana Ahmed	Disinfection of UASB Treated Municipal Wastewater using Advanced Oxidation Processes.	--
3.	Shahzad Khan	Seismic 2D Interpretation of Chak Naurang Oil field of Fimkassar-3 District Chakwal Potowar Plateau.	--
4.	Hifza Ghafoor	Influence of various process conditions on the decolorization efficiency of the Ozone.	2006
5.	M. Arshad Hashmi	Application of Advanced Oxidation Processes (AOPs) H ₂ O ₂ , Fenton and Photo Fenton Process for the synthetic effluent.	--
6.	Zahid Rafiq	Enhancement of sedimentation of tannery wastewater through coagulants.	--
7.	Syed Tariq Mahmood	Application of Advanced Oxidation Processes (AOPs) for the treatment of textile effluent.	--
8.	Durr-e-Shahwar	Application of Advanced Oxidation Processes for COD and Color removal from Textile Effluent.	--
9.	Shazia Kanwal	Industrial wastewater treatment process of Nishat Textile industry.	--
10.	Rukhsana Shahid	Applications of Advanced Oxidation Processes for Color Removal of Reactive Textile Dye Remazol Black B.	2005
11.	Muhammad Tahir	Adsorption Studies for the Removal of Ammonia By Thermally Activated Charcoal	--
12.	Saif ur Rehman	Post Treatment of UASB Treated Effluent by AOPs (An Integrated Treatment System)	--
13.	M. Imran Ashraf	Treatment of Homeopathic Industrial Raw Wastewater with Conventional Techniques (Coagulation and Aeration) and Ozonation.	--
14.	Hajira Khan	Color Removal by Advanced Oxidation Process	--
15.	Hummaira Latif	Post-Treatment of UASB treated effluent for disinfection: A comparative study of advanced oxidation & conventional process for the removal and their re-growth potential.	2004
16.	Adnan Iqbal	Sludge granulation and phase separator design in UASB reactor treating combine industrial effluent	--
17.	Shamim Asghar	Anaerobic treatment of dairy wastewater using activated sludge reactor	--
18.	Asim Yaqoob	Anaerobic treatment of combined industrial effluent by using UASB & UASF reactors & post treatment using advanced oxidation techniques	--

Sr. No.	Student's Name	Thesis Title	Year
19.	Zubair Ahmad	Chlorinesterase level in serum of worker exposed to organophosphate & carbamate pesticides.	2004
20.	Mushtaq Ahmad	Control of particulate emission (activate dust) through wet-scrubber in secondary pharmaceutical formulation industry	--
21.	Imran Khan	Aerobic Treatment of Riawind Drain wastewater using activated sludge reactor.	--
22.	Sajid Ali	Effect of organic loading rate (OLR) and hydraulic retention time (HRT) on the efficiency of upflow anaerobic sludge blanket (UASB) reactor.	--
23.	Muhammad Sarwar	Anaerobic treatment of Industrial wastewater using Up flow anaerobic sludge reactor	2003
24.	Riaz Ahmad	Heavy metal loadings of soils of Lahore district	--
25.	Sadiq Hashmi	Enviornmental Impact Assessment of a Multipurpose Hydropower Project in Satpara Valley	--
26.	Faisal Bashir	Prevalence of Antibiotic resistance in Urinary tract pathogens in different age and gender groups.	--
27.	Shahid Nizami	Biogasification of tannery solid waste: a viable option.	--
28.	Sohail Anwar	A study of free fall dust and particulate matter contents in Metropolitan Lahore	--
29.	Naveed Asghar	Indoor Pollution monitoring of orthopedic department of Mayo Hospital Lahore	--
30.	Zaigham Abbas	Cleaner production technologies in the leather industry	--
31.	Ejaz Ahmad saddle	Emissions Monitoring of a fossil fuel driven thermal power plant.	--
32.	Asim Mahmood	Environmental Monitoring of Mangala Dam Raising project	--
33.	Saima Rashid	Noise pollution monitoring of metropolitan Lahore	--
34.	Akhtar Nawaz	Treatment of industrial effluent using low cost natural absorption materials	2002
35.	Muhammad Tariq	An Integrated approach to treat textile wastewater	--
36.	Shahid-ul-Haq	Mitigation of chemical oxygen demand of green liquor sludge in pulp and paper industry.	--
37.	Mashhud Usman	Treatment of tannery effluent using natural biosolids	--
38.	Noshin Fatima	Biological and chemical treatment of pulp and paper industrial effluent.	--
39.	Memoona Majid	Biological treatment of Hudiara drain wastewater	--

Sr. No.	Student's Name	Thesis Title	Year
40.	Muhammad Mansoor	Characterization of wastewater of industrial units clustered on Raiwind drain	2002
41.	Muhammad Anwar Yousaf	Color removal of blue dye using advanced oxidation processes	--
42.	Mazhar Iqbal	A comparative study of ammonia treatment methods.	--
43.	Nadir Hussain Somroo	Heavy metal content of drinking water supplied to Islamabad	--
44.	Abdul Aala Khurram	Quality of bottled drinking water and Municipal water supply.	--
45.	Syed Imran Hussain	Drinking water quality and prevalence of hepatitis in the northern part of metropolitan Lahore	--
46.	Muhammad Asad Khan	In-vessel composting of kitchen and yard waste.	--
47.	Yasir Ilyas	Windrow composting of municipal solid waste of Gujranwala city.	--
48.	Fayyaz Ali Qureshi	A study of noise pollution of Bahawalpur city	--
49.	Uzma Iqbal	A study of solid waste management system of metropolitan Lahore	--
50.	Hafiz M. Naseer	Soil Inhabitant mercury resistant bacteria as an indicator of atmospheric pollution and their bioremediation role	--
51.	Muhammad Khalid	Environmental impact assessment of hydropower project of Satpara valley	--
52.	Abdul Ghaffar Rana	Heavy metal removal efficiency of natural materials.	2001
53.	Abdullah Yasar	Environmental study of an automobile industry	--
54.	Muhammad Akhtar	A study of climate change in Pakistan	--
55.	Syed Nasir Ahmed Tahir	Metal element loadings of the airborne particulate matter and dust of the metropolitan Lahore	--
56.	Mahtab Ahmad	Dispersion gradient of free fall dust and heavy metal elements concentration in dust along G.T. Road	--
57.	Sumair Anwar	Seasonal changes and children (2-15 years) with bronchial asthma.	--
58.	Rana shahid Ali	A study of noise reduction due to vegetation in metropolitan Lahore	--
59.	Muhammad Amjad	Evaluation of the secondary school science curriculum with respect to the provision of environment education.	--
60.	Safia Shafiq	Impact of sea intrusion on agriculture in deltaic and riverine tracts of River Indus.	--
61.	Zil-e-Huma Alfaizi	Application of remote sensing and geographic information system to investigate surface soil conditions of Shahkot area	--
62.	Kamran Babar	A study of environmental threat posed by the landslides in Murree, Kohuta and Kotli Sattian area and their management by community participation.	--

LIST OF M.PHIL THESIS SUPERVISED

Sr. No.	Student's Name	Thesis Title	Year
1.	Mahtab Ahmad	An integrated treatment of slaughter house wastewater.	2008
2.	Malik Muhammad Zaheer	Effect of Agricultur compost and chemical fertilizer on the growth and biomass production of Maiz – A comparative study.	2009

LIST OF Ph.D. THESIS SUPERVISED

Sr. No.	Student's Name	Thesis Title	Year
1.	Syed Nasir Ahmad Tahir	Measurements of environmental radioactive pollutions in various areas of Pakistan and modeling for radiation Hazard.	2006
2.	Mr. Abdullah Yasar	Anaerobic Treatment of Industrial Wastewater by Bench Scale UASB Reactor Integrated with the Advanced Oxidation Processes under Local Conditions	2007
3.	Muhammad Akram	Assessment of natural and artificial radionuclides in the marine environment of Pakistan.	2007
4.	Muhammad Akram Qazi	Environmental and Economical Implications of Municipal Solid Waste Compost Applications to Agricultural Fields in Punjab, Pakistan.	2008
5.	Muhammad Akhtar	The Climate Change Impact on Water Resources of Upper Indus Basin-Pakistan.	2008
6.	Azhar Mashiat Ullah	Application of Isotope and Hydrochemical Techniques to Address Coastal Marine Pollution along Karachi Coast – Pakistan	2009
7.	Iftikhar Ahmad	Optimal Control of Multiple Reservoirs System under Water Scarcity.	2009
8.	Syed Fazal ur Rehman Shah	Effect of Mixed Industrial Wastewater on Soil, Tree Biomass Production and Trace metal Uptake.	2010
9.	Irfan Ahmad Shaikh	Development of AOPs Based Novel Technology for Water Conservation and Pollution Reduction in Textile Dyeing.	2010

LIST OF Ph.D. THESIS CO-SUPERVISED

Sr. No.	Student's Name	Thesis Title	Year
1.	Syeda Aadila Batool	Environmental Systems Analysis of Municipal Solid Waste Management Applications of the IWM-2 Model.	2008

SEMINAR / WORKSHOPS/ SHOURT COURSES ORGANISED**Seminars**

1. Environmental Issues of Pakistan
2. Environmental Education: Need of the time
3. Management of Hazardous waste
4. Gasification of solid waste: a viable option
5. Insecticide pollution: effect on the unborn
6. Environmental hazards of new biotechnological advancements and legislation for environmental protection
7. Hazardous waste and Management strategies

Workshops / Short Courses

8. A four days course was organized by the Centre with collaboration of Department of Botany on "Porosity and permeability estimation and reservoir quality assessment from drill cuttings" on March 5, 2002 to March 9, 2002.
9. Five days course on Hazardous waste disposal, February 3 – 7, 2003.
10. A one month course on Impact of Geological Hazardous under TOKTEN program of UNDP, May 14 to June 13, 2003.
11. A one day workshop on water resource management and desertification , June 17, 2003.
12. Three days course on sequence stratigraphy, January 4 – 6, 2004.
13. Three days course on introduction to the environmental Management system for ISO 14001, September 16 – 18, 2004
14. Three days course on introduction to the environmental management system for ISO 14001 October 12 – 14, 2004
15. Three days course on occupational health and safety, October 26 – 28, 2004.
16. Three days course on occupational health and safety , November 2 – 4, 2004.
17. Hazardous materials: Recognition and communication, December 2, 2004.
18. Three days workshop on tunnels from September 19-21, 2006.
19. Seminar on Water Scarcity in Pakistan held on June 1, 2006.
20. Three day workshop on Global Water Scarcity and Pakistan from January 23-25, 2007.
21. One day workshop on Climate change and water issues (in Pakistani scenario), December 15, 2007)
22. One day Seminar on Satellite – Based Remote Sensing, GIS and Coastal Management, July 3, 2008.

PAPERS PRESENTED IN CONFERENCES

1. 3rd South Asia Geological Congress, Lahore 23-26 September 2000. (participated and presented paper)
 2. 4th Pakistan Geological Congress, Islamabad, February 27-28, 2001
 3. 33rd All Pakistan Science Conference, Faisalabad, 2002 (attended)
 4. 5th Pakistan Geological Congress, Islamabad, April 14-15, 2004.
 5. International Karakoram Conference, Islamabad, April 25 – 27, 2005.
 6. National Workshop on Global Change – Challenges, Impacts, Opportunities and prospects, Islamabad, April 28 – 30, 2005 (Paper presented)
 7. First International Conference "Environmentally Sustainable Development (ESDev-2005), Abbottabad, June 26 – 28, 2005 (attended).
 8. International Symposium on "Balanced Fertilization for Sustaining crop Productivity" Punjab Agriculture University, Ludhiana, India, November 22-25 2006.
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