

Engr. Dr. Abdul Nasir

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Professor/Chairman

Department of Structures and Environmental Engineering,

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PERSONAL INFORMATION

Father's Name	Niaz Ahmad
Date of Birth	April 26, 1966
Citizenship	Pakistani
CNIC No.	34101-0644297-7
Passport No.	BE1602971
PEC Registration No.	Professional Engineer AGRI/1044
Official Address	Department of Structures and Environmental Engineering, University of Agriculture, Faisalabad
Home Address	House # P-371, St # 5/4, Green View, Faisalabad, Pakistan

EDUCATION/ACADEMIC QUALIFICATIONS

- 1999– 2003 Kobe University, Kobe, Hyogo Kin, Japan**
PhD. Agricultural & Environmental Engineering.
Thesis: Estimation of Soil Erosion Using RUSLE and GIS for Small Mountainous Watersheds
- 1990–1993 University of Agriculture, Faisalabad, Pakistan**
M.Sc. (Hons) Agricultural Engineering
Thesis: Design Development and Calibration of Double Throated Flume (DTF) for Rectangular Lined Channel
- 1985-1989 University of Agriculture, Faisalabad, Pakistan**
B.Sc. Agricultural Engineering.
Title: Comparative study for Actual Discharge (on site) with Design Discharge of all Watercourses on Jhang Branch Distributary

HONOURS AND DISTINCTIONS

Year	Honours/ Distinctions	Awarding Body
1998	Academic Awarded Monbusho Scholarship	Ministry of Education Government of Japan
2007	Sports (Intervarsity/National/International)	Director Sports, as President, Table Tennis Team UAF
2008	Elected Faculty Consular	University of Agriculture Faisalabad
2009	Elected Senator	University of Agriculture Faisalabad
2014	Elected Member Syndicate	University of Agriculture Faisalabad

APPOINTMENTS/PROFESSIONAL EXPERIENCE

- Assistant Engineer** in SCARP Transitional Pilot Project. Punjab Economic Research Institute (PERI), Lahore
Duration : **October 1990 to April 1991**
 - Worked on different watercourses in Sheikhpura, to document the water losses from distributaries Moga to field Nakka by using Cut-Throat Flume.
 - Plane table, topographic, and profile survey of all selected watercourses for future planning and designing of lined watercourses.
- Scientific Officer** in Soil and Water Conservation Programme (SWC), WRRI, NARC, PARC, Islamabad.
Duration : **March 1993 to October 1998**
 - Conducting Engineering Surveys i.e plane table, topographic and profile survey by dumpy level and EDM in the Barani plain land and hilly areas of Rawal watershed.
 - Worked in Gully Land Management Project for designing and development of low cost water conservation structures, flow measuring devices and earthen reservoirs.
 - Development of boundary plantation to enhance the productivity on sustained basis.
 - Worked in Cholistan desert for design and development of pitcher irrigation system.
 - Worked as map production specialist in WRRI by using EDM for different NGOs, Public, private agriculture farms and also for Rod-Khoi Project sites in Dera. Ghazi. Khan, and Dera Ismail Khan.
 - Worked as site incharge of agro-meteorology station and to conduct different agronomic, hydrologic, soil and water conservation studies at Rawal Watershed Area, Satrameel site.
- Teaching Assistant** in Department of Agricultural & Environmental Engineering, Kobe University, Japan.
Duration : **October 2002 to September 2003**
 - Database development, weather data analysis for sustainable development and environmental analysis.
 - Global Positioning System (GPS) and Geographical Information System (GIS) integration for boundary and road network mapping.
- Assistant Planner** in KITAI Design Consultant Company Ltd. Himeji Main Office, Japan.
Duration : **October 2003 to May 2004**
 - Working on Auto-CAD, GIS Surfer software for making different types of landscape mapping.
 - Procedures for preparing geological outlines for digitization on a digitizing table.
 - Geological map database attributes required for producing and publishing quality data standards and procedures for scanning and vectorizing geological manuscripts.

- Working as team member on area of urban design and planning, community visioning, landscape architecture with expert urban designer in a multidisciplinary collaborative environment.
5. **Deputy Director:** Pakistan Council of Research in Water Resources (PCRWR), Khayaban-e-Johar, H-8/1 Islamabad.
Duration : **June 2004 to March 2005**
- Worked on “Water Quality Monitoring in Rural Area of Pakistan and Installation of Low Cost Water Conditioning and Filtration Units”
 - Performing the duty of handling an analysis program of COD&BOD for sewerage, effluent canal and industrial waste water sampling.
 - Reviewed and finalized report on entitled “Nitrate and Fluoride testing in selected cities of Pakistan”.
 - Compilation final draft of Water Quality Monitoring phase II, and phase III
6. **Assistant Professor:** Department of Structures and Environmental Engineering, Faculty of Agricultural Engineering and Technology, UAF.
Duration : **March 14, 2005 to May 28, 2013**
- Worked on Project “Upgrading Laboratories of Agricultural Engineering Departments University of Agriculture Faisalabad”
 - Advisor Society of Agriculture Engineer, UAF
 - Working as Tutor Johar-1 under the guidance of Senior Tutor Office, UAF.
 - President Table Tennis Team, received appreciation letter from Dean Agriculture, UAF.
 - Performing the duty as advisor final year semester under the dynamic supervision of Dean Faculty of Agriculture Engineering and Technology.
7. **Associate Professor/Chairman:** Department of Structures and Environmental Engineering, Faculty of Agricultural Engineering and Technology, UAF.
Duration : May 29, 2013 to May 30 2024
- Performing the duties of handling all official matters related to department, meetings and other official activities. Project Incharge, etc.
 - Launched new Degree program B.Sc. Environmental Engineering in (2013) Department of Structures and Environmental Engineering, under the umbrella of Faculty of Agri. Engineering & Technology, UAF.
 - Working as Tutor Johar-1 under the guidance of Senior Tutor Office, UAF.
 - President Table Tennis Team received appreciation letter from Dean Agriculture, Director Sports, UAF.
 - Performing the duty as Advisor M.Sc/Ph.D and Society of Agricultural Engineering, student Wing under the dynamic supervision of Dean Faculty of Agriculture Engineering and Technology
 - Worked as member syndicate
8. **Professor/Chairman:** Department of Structures and Environmental Engineering, Faculty of Agricultural Engineering and Technology, UAF.
Duration : May 30, 2024 to-date
- Performing the duties of handling all official matters related to department, meetings and other official activities. Project Incharge, etc.
 - Performing the duty as Advisor M.Sc/Ph.D and Society of Agricultural Engineering, student Wing
 - Working as member Finance committee to address financial matters of University

MEMBERSHIP OF PROFESSIONAL BODY

1. Life member of the Pakistan Engineering Council, Islamabad, Pakistan.
2. A Member of the Pakistan Agriculture Engineering Society, Pakistan.
3. A Member of the Japanese Society of Irrigation Drainage and Reclamation Engineering (JSIDRE), Japan

4. A Member of “The Engineer” Pakistan

SCIENTIFIC PUBLICATIONS

Publication in HEC recognized Local Journals

S.No	Authors	Year	Title	Name of Journal with Volume and Page No.	ISSN No.	HEC Category
1.	Shahbaz Nasir Khan, Abdul Nasir, Haroon Rashid and Zubair Aslam (IF 0.856)	2021	A comparative study of wastewater quality analysis in major textile industrial zones of Faisalabad for irrigation use	Pak. J. Agri. Sci., Vol. 58(4), 1595-1603	ISSN 2076-0906	X
2.	Syed Zeeshan Haider, Abdul Nasir, Chaudry Arslan and Haroon Zaman Khan (IF 0.856)	2021	Investigating the effect of temperature gradient on biogas production from pretreated maize straw and rice husk using multistage anaerobic bioreactor	Pak. J. Agri. Sci., Vol. 58(4),1339-1348;2021	ISSN 2076-0906	X
3.	Hafiz M. Safdar, Abdul Nasir, Faizan-Ul-Haq Khan and Riaz Ahmad (IF 0.856)	2020	Enhancing the quality of maize, wheat, rice and cotton residue briquettes by optimizing the operational parameters	Pakistan Journal of Agricultural Sciences. 57(1):189-198	ISSN 2076-0906	X
4.	Ali, M. A., M. Yamin, C. Arslan, M. U. Farid, and A. Nasir. (IF 0.856)	2020	A feasibility study: Off grid photovoltaic solar power supply to the remote areas of Pakistan.	Pakistan Journal of Agricultural Sciences. 57(5):1313-1316.	ISSN 2076-0906	X
5.	Kaleem Shahzad, Abdul Nasir, Shafiq Anwar, M. Azhar Ali and M. Usman Farid	2017	Bioenergy Prospective and Efficient Utilization Pattern For Rural Energy Supply In District Pakpattan	J Agric. Res., 2017, Vol. 55(1):101-113	ISSN 0251-0480	Y
6.	Aleem, M., Nasir, A., & Rashid, H.	2016	Characterization and removal of dyeing effluents by adsorption and coagulation methods	J. Agric. Res, 54(1).	ISSN 0251-0480	Y
7.	Chaudhry Arslan, Asma Sattar,, Ji Changying, Abdul Nasir, Irshad Ali Mari, Fang Huimin and Huang Yu Ping	2016	Comparing the effect of total solids concentration on bio-hydrogen production potential of food waste and its derivatives under mesophilic thermophilic conditions	Pak. J. Agri. Sci., Vol. 53(3), 687-694; 2016	ISSN 2076-0906	X
8.	Buttar, N.A., Nasir, A., and Cheema, J. M.	2016	Estimating Groundwater Abstraction at Different Spatial Scales in Lower Chenab Canal System of Punjab, Pakistan	J. Agric. Res., Vol.53 (4)	ISSN 0251-0480	Y
9.	Yasir Niaz, Jiti Zhou1, Abdul Nasir, Munawar Iqbal and Bin Dong (IF 0.856)	2016	Comparative Study Of Particulate Matter (Pm10 And Pm2.5) In Dalian-China And Faisalabad-Pakistan	Pak. J. Agri. Sci., Vol. 53(1), 97-106; 2016	ISSN 2076-0906	X
10	Shafqat U., Nasir, A., S.H.H. Shah, M.A.Ali, (IF 0.856)	2016	Experimental and Modelling Approach for Soil Physical Degradation Due to Different Irrigation Techniques	Pak. J. Agri. Sci., Vol. 53 (2), 481-486	ISSN 2076-0906	X
11	Nasir M.S., Nasir, A. F.H. Khan, M.M. Saeed, H. Rashid, S.	2016	Predicting long term trends of groundwater quality in Faisalabad using stochastic framework	Pak. J. Agri. Sci. Vol. 53	ISSN 2076-0906	X

	Anwar, and Shah, S.H.H. (IF 0.856)					
12	Ghaffar, S., Nasir, A., Ali, M.A., and Farid, M.U.	2015	Physico-Thermal Characterization of Biomass Materials of Different Nature for Briquettes	J. Agric. Res., Vol.53 (4)	ISSN 0251-0480	Y
13	Munir, A., Ashraf, M. A., Nasir, A., Hensel, O., Iqbal, M., and Ghani M. U.,	2012	Ergonomics and Occupational Health in Sugar Industry of Pakistan	Pak J. Life Soc.Sci. Vol. 10 (1) pp. 74-79	ISSN 1727-4915	Y
14	Nasir, A., Ch. Arslan, A. Sattar and M. A. Khan (IF 0.856)	2012	Physical Analysis of Groundwater at Thickly Populated area of Faisalabad by Using GIS	Pak, J. Agri. Sci., Vol 49(4): 541-547.	ISSN 2076-0906	X
15	Husain K.A., Munir, A., Khan. M.A., (IF 0.856)	2012	Effect on Pulp Recovery and Pulp Percentage by using Tomato Cold Pulping Machine at Room Temperature	Pak. J. Agri. Sci., Vol. 49(1): pp. 53- 59.	ISSN 2076-0906	X
16	Nasir, A., Ch Arslan, M.A. Khan Nabeel Nazir, U.K. Awan, Umar Waqas, (IF 0.856)	2012	Industrial Waste Water Management in District Gujranwala of Pakistan-Current Status and Future Suggestions.	Pak. J. Agri. Sci., Vol. 49(1): pp.85- 91.	ISSN 2076-0906	X
17	Nasir, A., M. U. Khalid, S. Anwar, Ch. Arslan, M. J. Akhtar and M. Sultan, (IF 0.856)	2012	Evaluation of Bio-fertilizer Application to Ameliorate the Environmental and Crop Production	Pak, J. Agri. Sci. Vol: 49(4): pp.527-531.	ISSN 2076-0906	X
18	Yamin M., A.R. Tahir(Late), Nasir, A., M. Yaseen	2011	Studying the Impact of Farm Mechanization on Wheat Production in Punjab-Pakistan.	Soil Environ. Vol. 30(2): pp.151-154.	ISSN 2075-1141	Y
19	Muhammad A. Ali, Nasir, A., F.H. Khan and M.A. Khan (IF 0.856)	2011	Fabrication of Ultra Low Volume (ULV) Pesticide Sprayer Test Bench.	Pak. J. Agri. Sci., Vol. 48(2): pp. 139- 144.	ISSN 2076-0906	X
20	M.Ashraf, Nasir A., and M.M. Saeed. (IF 0.856)	2010	Evaluation of the Existing Water Productivity in the Lower Bari Doab Canal (LBCD) Command-A Case Study.	Pak. J. Agri. Sci. Vol. 47(4) pp. 389-397.	ISSN 2076-0906	X
21	Rafiq Choudry, M Iqbal, M. and Nasir. A., M,	2000	Farmers Response to Farm Water Storage Reservoirs to Supplement Irrigation at Water Course Command	Pakistan Journal of Agricultural Research, Vol.16 No.1, pp. 35-37.	ISSN 0251-0480	Y
22	Shafiq, M., Ahmad, S., Nasir, A., Ikram, M.Z., Aslam, M and Khan, M.	1997	Surface Runoff From Degraded Scrub Forest Watershed Under High Rainfall Zone	J. of Engineering & Applied Science, Vol.16(1) pp. 7-12.	ISSN 1819-6608	Y
23	Shafiq, M., Ikram, M.Z., Ahmad, S. and Nasir, A.	1996	Surface Runoff and Soil Loss under Cropped Field of Medium Rainfall Zone of Pothwar Plateau	J. of Engineering & Applied Science, Vol.15(2) pp. 71-76.	ISSN 1819-6608	Y

Publication in HEC recognized Foreign Journals

S.No	Authors	Year	Title	Name of Journal with Volume and Page No.	ISSN No.	HEC category
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1.	Mannan Aleem, Shahbaz Nasir Khan, Muhammad Umar Akbar, Arfan Arshad, Yazeed Alsubhi, Mamata Pandey, Ana Javaid, Muqadas Aleem, Muhammad Hassan Ali, Abubakr Mansaray, Harsanjam Singh & Abdul Nasir (IF 5.3)	2024	Ten Billion Tree Tsunami Project Reveals Climate Change Mitigation and Precipitation Increase in Khyber Pakhtunkhwa Province, Pakistan	Earth Syst Environ (2024)	ISSN 2509-9426	W
2.	Muhammad Salman Nasir, Guorui Yang, Iqra Ayub, Juntao Zhang, Abdul Nasir, Wei Yan, Naseem Abbas (IF 6.7)	2024	ZIF-67 derived CoSx mediated 1D hollow carbon nitride for high photocatalytic hydrogen performance	Materials Today Chemistry 35(2024)101880	ISSN: 2468-5194	W
3.	Nukshab Zeeshan · Ghulam Murtaza · Hamaad Raza Ahmad · Abdul Nasir Awan · Muhammad Shahbaz, Peter Freer-Smith (IF 2.9)	2024	Particulate and gaseous air pollutants exceed WHO guideline values and have the potential to damage human health in Faisalabad, Metropolitan, Pakistan	Environ Monit Assess (2024) 196:659	ISSN 1573-2959	W
4.	Muhammad Asif, Muhammad Usman Farid, Abdul Nasir · Shakeel Ahmad Anjum, Daniel Edward Ciolkosz (IF 3.5)	2024	Techno-economic analysis of biomass pelletization as a sustainable biofuel with net-zero carbon emissions	Biomass Conv. Bioref. (2024).	ISSN: 2190-6823	X
5.	Muhammad Salman Nasir, Ifrah Tahir, Ahsan Ali , Iqra Ayub, Abdul Nasir, Naseem Abbas, Uzair Sajjad, Khalid Hamid (IF 3.4)	2024	Innovative technologies for removal of micro plastic: A review of recent advances	Heliyon 10 (2024) e25883	ISSN: 2405-8440	W
6.	Waheed Tariq, Ch. Arslan, Sohali Ali Naqvi, Muhammad Abdullah, Abdul Nasir, Syed Hamza Gillani, Abdul Ghafoor, Asma Sattar, Haroon Rashid, Muhammad Yamin (IF= 1.871)	2022	Photocatalytic Removal of Azo Dyes Using a CNT Doped ZnO/Fe ₂ O ₃ Catalyst	Pol. J. Environ. Stud. Vol. 31, No. 5 (2022), 1-11	1230-1485	X
7.	Muhammad Umar, Shahbaz Nasir Khan, Arfan Arshad, Rana Ammar Aslam, Hafiz Muhammad Safdar Khan, Haroon Rashid, Quoc Bao Pham, Abdul Nasir, Rabeea Noor, Khaled Mohamed Khedher, Duong Tran Anh (IF= 5.19)	2022	A modified approach to quantify aquifer vulnerability to pollution towards sustainable groundwater management in Irrigated Indus Basin	Environmental Science and Pollution Research 29:27257–27278	1614-7499	W

8.	Muhammad Salman Nasir, Guorui Yang, Iqra Ayub, Abdul Nasir, Wei Yan (IF= 13.615)	2021	Higher hydrogen production by photocatalytic water splitting using a hollow tubular graphitic carbon nitride-zinc telluride composite	Environmental Chemistry Letters https://doi.org/10.1007/s10311-021-01301-z	1610-3653	W
9.	Shabir, F., M. Sultan, E. D. Y. Niaz, S. M. Ibrahim, Y. Feng, K. N. Bukke, A. Nasir and I. Ali (IF= 3.889)	2020	Steady- state investigation of carbon based adsorbent-adsorbate pairs for heat transformation application.	Sustainability. 12(17): 7040.	ISSN: 2071-1050	W
10	Aleem, M., G. Hussain, M. Sultan, T. Miyazaki, M. H. Mahmood, M. I. Sabir, A. Nasir, F. Shabir, and Z. M. Khan. (IF= 3.252)	2020	Experimental investigation of desiccant dehumidification cooling system for climatic conditions of Multan (Pakistan).	Energies. 13(21):5530.	1996-1073	W
11	M. Ahmad, Maryam Yousaf, I.J. Bhatti, Nasir, A., (IF= 11.36)	2019	Porous Eleochairs@ MnPE Layered Hybrid for Synergistic Adsorption and Catalytic Biodegradation of Toxic Azo Dyes from Industrial Wastewater.	Environmental Science and Technology(2019), Vol. 53	0013-936X	W
12	Rahman Farooqi, Z. U., Nasir, M. S., Nasir, A., Zeeshan, N., Ayub, I., Rashid, H.,Qamar, M.U, Sarwar, A., Akram, M. A (IF=	2017	Evaluation and analysis of traffic noise in different zones of Faisalabad – an industrial city of Pakistan	Geology, Ecology, and Landscapes, 1(4), 232-240	2474-9508	X
13	Ali, I., Z. M. Khan, M. Sultan, M. H. Mahmood, H. U. Farid, M. Ali, and A. Nasir (IF=1.871)	2016	Experimental study on maize cob trickling filter-based wastewater treatment system: Design, development, and performance evaluation	Pol. J. Environ. Stud. Vol.(25)	ISSN:1230-1485	X
14	Muhammad Salman Nasir, Abdul Nasir, Haroon Rashid, Syed Hamid Hussain Shah (IF= 5.411)	2016	Spatial variability and long-term analysis of groundwater quality of Faisalabad industrial zone	Appl Water Sci DOI 10.1007/s13201-016-0467-3	2190-5495	W
15	Asma Sattar, Ch. Arslan, Changying Ji, Kunjie, Nasir, A., (IF= 2.847)	2016	Optimizing the physical parameters for bio-hydrogen production from food waste co digested with mixed consortia of clostridium.	J. Renewable Sustainable Energy Vol. (8)	E-ISSN: 1941-7012	X
16	Chaudhry Arslan, Asma Sattar Ji Changying, Nasir, A., Irshad Ali Mari. (IF= 2.58)	2015	Impact of pH Management Interval on Bio hydrogen Production from Organic Fraction of Municipal Solid Wastes by Mesophilic Thermophilic Anaerobic Codigestion.	Hindawi Publishing Corporation, BioMed Research International, Vol. Article ID 590753.	ISSN: 2314-6141	X

Other Significant Publication

1. Anam Maqsood, Haroon Rashid, Shahbaz Nasir Khan, Abdul Nasir, Nafeesa Aman, Ahsan Saif Ullah, Ahmad, Rana Ammar Aslam, Hafiz Muhammad Safdar Khan, Muhammad Umar Akbar (2023) “Wastewater characterization of chiniot drain and evaluation of groundwater

- contamination using water quality index (WQI) and GIS techniques” *Pollutants* 2023, 3(1), 27-42; <https://doi.org/10.3390/pollutants3010003>.
2. Nasir, M. S., G Yang, I. Ayub, X. Wang, s. Wang, A. Nasir, and W. Yan. 2021. Retraction notice to “Tin diselenide nanoflakes decorated hierarchical 1D TiO₂ fiber: A robust and highly effect co- catalyst for hydrogen evaluation reaction”. *Applied Surface Sciences* 542:148694.
3. Khan, H. M. S., S. N. Khan, H. I. Khan, H. Rashid, A. Nasir and A. Mehmood. 2021. Development and performance evaluation of light duty hydraulically operated biomass briquette forming machine for domestic use. *Journal of Mechanical Engineering Research and Developments*. 44:317-326.
4. Hafiz Muhammad Safdar Khan, Abdul Nasir, Haroon Rashid, Shanawar Hamid, Mohsin Noor and M. Azhar Ali. 2020. Development, Optimization and Performance Evaluation of Indigenous Piston Press Briquetting Machine for Crop Residue. *Journal of Mechanical Engineering Research and Developments*. Jmerd. Vol. 43 (3), pp. 258-273.
5. M. Ahmad, Maryam Yousaf, I.J. Bhatti, Nasir, A. (2019). Porous Eleocharis @ MnPE Layered Hybrid for Synergistic Adsorption and Catalytic Biodegradation of Toxic Azo Dyes from Industrial Wastewater. *Environmental Science and Technology* (2019), Vol. 53.
6. Ahmad, M., Yousaf, M., Bhatti, I.J., and Nasir, A. (2018). Removal of RY42 anionic dye pollutant from aqueous solution using novel reusable adsorbent prepared from water chestnut peel and fruit. *IJCET* Vol. 8 (2018).
7. Sadia, A., M. U. Farid, D. A. Ghafoor, A. Nasir, E. U. Maqsood, M. Z. Farid, and M. Iqbal. 2020. Effective management of hospital and medical waste in rural areas of Pakistan: A case study. *Agrobiological Records*. 2:76-84.
8. Ali, W., I. Hussain, H. Rashid, and A. Nasir. 2020. Development of eia guidelines of significant factors for Diamer Basha dam Gilgit Baltistan. *Pakistan Journal of Geology*. 4(1).
9. Nawaz, A., S. Basheer, A. Masood, H. Rashid, A. Nasir, and S. Umer. 2020. Health risk assessment of heavy metals due to untreated wastewater irrigation vegetables. *Earth Sciences Pakistan*. 4(1): 25-33.
10. Basheer, S., M. Nazir, H. Rashid, A. Nasir, and E. M. Hussain. 2019. Development of efficient windrow composting technique for food waste and its optimization. *Earth Sciences Pakistan*. 3(2):18-26.
11. Basheer, S., H. Rashid, A. Nasir, and R. A. Nawaz. 2019. Spatial and temporal variability analysis of PM_{2.5} concentration in Lahore city. *Environmental Contamination Review*. 2(1):6-10.
12. Sharjeel, A., S. Anwar, A. Nasir, and H. Rashid. 2019. Design, development and performance of optimum water softener. *Earth Sciences Pakistan*. 3(1):23-28.
13. Ilyas, M., A. Ali, A. Nasir, S. Haider and A. Shahid. 2019. estimation of noise levels in the roadside parks and study of its impacts on health of visitors in Faisalabad. *Earth Sciences Pakistan*. 3(1):14-22.
14. Ahmed, A., A. Nasir, S. Basheer, C. Arslan and S. Anwar. 2019. Ground water quality assessment by using geographical information system and water quality index: A case study of Choker, Faisalabad, Pakistan. *Water Conservation and Management*. 3(1):7-19.
15. Basheer, S., Rashid, H., Nasir, A., Parveen, Z., & Ashgar, M. Z. (2018). EIA Guidelines for Landfill Site in Faisalabad Using an Integrated Solid Waste Management Approach. *Ekoloji Dergisi*, (106).
16. Ahmad, N., Hussain, T., Nasir, A., Sattar, A., Arslan, C., Tusief, M. Q., & Mariam, Z. (2017). Efficient and eco-friendly management of biodegradable municipal solid waste (MSW) using naturally aerated windrow composting technique in district Lahore Pakistan. *Earth Science Pakistan*, 1(1), 01-04.
17. Khan, A., Rehman, R., Rashid, H., & Nasir, A. (2017). Exploration of environmental friendly adsorbents for treatment of azo dyes from textile wastewater and its dosage optimization. *Earth Science Pakistan*, 1(1), 05-07.
18. Ali, S. S., Ijaz, N., Aman, N., Nasir, A., Anjum, L., & Randhawa, I. A. (2017). Clinical waste management practices in District Faisalabad. *Earth Sciences Pakistan*, 1(2), 4-6.

19. Usman, M., Yasin, H., Rashid, H., & Nasir, A. (2017). Quantification of CO₂ emissions from vehicles and possible remedial strategies in Faisalabad City. *Earth Sciences Pakistan (ESP)*, 1(1), 15-18.
20. Rehman, R., Khan, A., Rashid, H., & Nasir, A. (2017). Performance evaluation of fly ash and red brick dust for recovery of chromium from tannery wastewater by adsorption method. *Earth Sci. Pak*, 1, 19-22.
21. Nasir, M. S., Nasir, A., Rashid, H., & Shah, S. H. H. (2017). Spatial variability and long-term analysis of groundwater quality of Faisalabad industrial zone. *Applied Water Science*, 7(6), 3197-3205.
22. Zahid, A., Ghafoor, A., Munir, A., Ahmad, M., Nasir, A., & Ahmad, S. (2017). Solar desalination of water using evaporation condensation and heat recovery method. *A Desalination and Water Treatment*, 68, 80-90.
23. Zeeshan, N., Nasir, M. S., Nasir, A., and Saifullah. (2016). Air Contamination and Its Impact on Plants, Humans and Water of Pakistan-A Review. *J. Appl. Environ. Biol. Sci*, 6(8), 32-39.
24. Ali, M. A., Nasir, A., Muneer, A., Ali, S., & Rashid, U. (2015). Compaction characteristics of sawdust, cotton stalks, maize straw and rice straw briquettes. *J Energy Environ Carbon Credits*, 5(1), 1-9.
25. Yamin, M., Nasir, A., Sultan, M., and Ismail, W.I.W. Ismail. (2015). Impact of sewage and industrial Effluents on water Quality in Faisalabad, Pakistan. *Advances in Environmental Biology Vol. (9) (ISSN-1995-0756)*.
26. Nasir, A., Khalid M. U., A. Munir, Anwar, S., Arslan, C., Ali. M.A.(2015). Comparative study of Environmental Dried Bos;urry And Commercial Fertilizers. *Journal of Research in Engineering & Technology (JRET)*. Vol. 1 Issue 1.
27. Ali M.A, Nasir, A., U. Haider, M. U. Farid. (2014). Development and Performance Evaluation OF an Indigenous Wet Scrubber Unit. *Sci. Int.(Lahore)*, Vol. 26(5), pp.2269-2272, (ISSN 1013-5316)
28. Nasir, A., Arslan, C., Jamil, U., & Awan, U. K. (2012). To study the impact of control shed conditions on milk production. *International Journal of Physical and Social Sciences*, 2(9), 329-341.
29. Nasir, A., Ali, S., & Khan, F. H. (2011). Solid waste management in Faisalabad using GIS. *Science International*, 23(1).

List of Books/Proceedings/Monographs/Manuals/Book Chapters

1. Muhammad Usman Farid, Atta Ullah, Abdul Ghafoor, Shahbaz Nasir Khan, Mazhar Iqbal, Furqan Muhayodin, Abdul Shabbir, Chaudhry Arslan and Abdul Nasir (2023). Air Pollution and Clean Energy: Latest Trends and Future Perspectives. *Air Pollution and Clean Energy: Latest Trends and Future Perspectives* DOI: <http://dx.doi.org/10.5772/intechopen.112226>.
2. Waheed Tariq, Chaudhry Arslan, Nafeesa Tayyab, Haroon Rashid and Abdul Nasir (2022). Application of agro-based adsorbent for removal of heavy metals. *Emerging Techniques for Treatment of Toxic Metals from Wastewater*. DOI: <https://doi.org/10.1016/B978-0-12-822880-7.00008-X>
3. Waheed Tariq, Chaudhry Arslan, Nafeesa Tayyab, Haroon Rashid and Abdul Nasir (2022). Application of agro-based adsorbent for removal of heavy metals. . DOI: <https://doi.org/10.1016/B978-0-12-822880-7.00008-X>
4. Dr. Frank Andreas Weber, Dr. Allah Bakhsh, Dr. Abdul Nasir, Dr. M. Usman Dr. Haroon Rashid (2019). Abstract Book International Conference on Water Footprints of the Cotton Textile Value Chain: Environmental Repercussions From Field to Hanger. University of Agriculture, Faisalabad
5. Dr. Abdul Nasir Awan, Prof. Dr. Faizan-ul-Haq Khan. (2016). Farm waste management and disposal systems. Multi-Authored Book, UAF.
6. Dr. Abdul Nasir Awan, Mr. Imran Shoukat. (2012). Practical Manual of Environmental Engineering. Deptt. Of Structures & Environmental Engineering
7. Dr. Abdul Nasir Awan, Dr. Hafiz M. Safdar. (2012). Practical Manual of Surveying. Deptt. Of Structures & Environmental Engineering
8. Dr. Abdul Nasir Awan, Ch. Arslan. (2012). Practical Manual of Material Testing. Deptt. Of Structures & Environmental Engineering.

9. Proceeding of International Seminar on “Water and Environment –A Looming Crisis” (2006) on Edited and published by Dr. Abdul Nasir Awan. pp.1-200
10. Project report reviewed and submitted for publication (2002-2003) on “National Water Quality Monitoring Program, PCRWR, (Phase-II).
11. Project report reviewed and under process for publication (2003-2004) on “National Water Quality Monitoring Program, PCRWR, (Phase-III).
12. Project report reviewed and prepared for publication (2004) on “Fluoride and Nitrate Contamination in Drinking Water of Selected Cities of Pakistan.
13. Project entitled “ Debris Flow Hazard Assessment by Incorporating Remote Sensing and GIS with Numerical Simulation” submitted to Kobe University Ministry of Education, Government of Japan (2004)
14. Thesis research report entitled “Estimation of Soil Erosion Using RUSLE and GIS for Small Mountainous Watersheds” submitted to the Dept. of Agri. & Environmental Engineering Kobe University, Japan for Ph. D degree in Global Development Science (2003).
15. Research report entitled “ To Develop Cost Effective Technologies for Minimizing Land Slide and Soil Erosion problems for Murree Tehsil of Pakistan” submitted to Kobe University and awarded Ministry of Education (Monbusho Scholarship), Government of Japan (1998)
16. Study conducted by WRI team entitled “Diagnosis analysis of Shahpur and Mirwal Dam”. Submitted to IIMI, Lahore Pakistan (1997).
17. Research project entitled” Design Development and Calibration of Double Throated Flume (DTF) for Rectangular Lined Channel” during M.Sc. Engg. Studies (1993).
18. Research project report entitled “Comparative study for actual discharge (on site) with design discharge of all watercourses on Jhang Branch Distributary” during B.Sc. Engg. Studies (1989).

SUPERVISION OF POSTGRADUATE STUDENTS

No. of PhD Produced (Supervisor)

No.	Name	Registration #	Degree	Research Title	Year
1.	Dr Syed Zeeshan Haider	2009-ag-3120	PhD	Bio-gasification of crop residue by multistage bioreactor	2021
2.	Dr Shahbaz Nasir Khan	2007-ag-1278	PhD	Development of constructed wetlands to reuse textile industrial effluent for wastewater irrigation by using phytotechnologies	2021
3.	Dr H. M. Safdar Khan	2007-ag-1258	PhD	Development and Performance Evaluation of Indigenous Piston Press Briquetting machine for Crop residues	2019
4.	Mr. Imran Shaukat	2008-ag-2646	PhD	Integrated Water Resources Management towards Sustainable Restoration of the Transboundary Ravi River Basin	Thesis Foreign Evaluation competed
5.	Engr. Shahbaz Hussain	2012-ag-3770	PhD	Development of Fluidized bed Gasification reactor for Solid Waste	Thesis Submitted

No. of PhD Produced (Member)

No.	Name	Registration #	Degree	Research Title	Year
1.	Dr M. Asif	2012-ag-3749	PhD	Development of Palletizer Machine to produce Refused derived fuel from solid waste	2024
2.	Nukshab Zeeshan	2010-ag-3462	PhD	Atmospheric Pollution and its risk to soil and plant quality and human health	2024

MPhils/ M.Sc. (Hons.) Produced

No.	Name	Degree	Research Title	Year
1.	Ms. Ayesha bashir	M. Sc. (Hons.)	Study of Occupational Health and Environmental Management Practices in Textile Industry	2024
2.	M. Abdullah	M. Sc. (Hons.)	Study of Partial Zero Liquid Discharge Emission and its Impact on Effluent Treatment Plant	2024

3.	Ms. Saba Abid	M. Sc. (Hons.)	Preparation and Performance Evaluation of Aerobic Composting for Biodegradable Waste	2024
4.	Engr Saqib Ali	M. Sc. (Hons.)	Design and development of double jacket bioreactor for co-digestion of sludge with cow dung and poultry dropping	2023
5.	Engr Shoaib Iqbal Khan	M. Sc. (Hons.)	Removal of toxic dyes from textile industries by using biomass with the help of Photo-Catalysis method	2023
6.	Engr Kamaran Ali akbar	M. Sc. (Hons.)	Assessment and evaluation of solar photovoltaic system for domestic applications with multiscaling approach	2022
7.	Engineer Aiman Javeed	M. Sc. (Hons.)	Impact evaluation of industrial effluent from Sangla branch drain on groundwater contamination using geographical information system techniques	2022
8.	Engineer Natasha Jameel	M. Sc. (Hons.)	Assessment of groundwater quality due to Paharang using water quality index and geographic information system in western region of Faisalabad Punjab	2022
9.	Engr Muhammed Ramzan Usmani	M. Sc. (Hons.)	Study of temperature on biogas production by multi stage reactor	2021
10.	Engr Muhammed Umar	M. Sc. (Hons.)	Characterization of biomass briquettes produced from crop residues as an alternative sustainable energy solution	2021
11.	Engr Anam Maqsood	M. Sc. (Hons.)	Waste water characterization of chiniot drain and evaluation of groundwater contamination using water quality index and GIS techniques	2021
12.	Engr Ahmad Raza Zaidi	M. Sc. (Hons.)	Process simulations for the techno economic evaluation of the advanced eco friendly distillation technologies	2021
13.	Engr Tanveer Hussain	M. Sc. (Hons.)	Design development and efficiency of biological effluent treatment plant in textile sector	2020
14.	Engr Nimrah Ijaz	M. Sc. (Hons.)	Performance Evaluation of Nano Zerovalent Iron Through adsorption to remove nitrate from Ground water	2019
15.	Engr Syed Hamza Gilani	M. Sc. (Hons.)	Life cycle assessment of textile garment to evaluate the environmental influences by using Gabi software	2019
16.	Engr Ali Raza	M. Sc. (Hons.)	Mapping of noise produced by oil drilling field in mirpur khas district Sindh	2019
17.	Engr Muhammad Zaheer	M. Sc. (Hons.)	Spatio temporal monitoring of ambient air quality by using geo statistical approach in Lahore Pakistan	2019
18.	Engr Madiha Javed	M. Sc. (Hons.)	Investigation of glacial melting trend with seasonal variation in climate and its implication in view of global warming a case study for Pakistan	2019
19.	Engr Waheed Tariq	M. Sc. (Hons.)	Synthesis characterization and application of effective catalyst for enhanced removal of azo dyes	2019
20.	Engr Sana Basheer	M. Sc. (Hons.)	Spatial and temporal analysis of significant parameters related to smog formation in Lahore city using GIS and statistical approach	2019
21.	Engr Mohammad Abubakar	M. Sc. (Hons.)	Design of an efficient hybrid system for the enhance mitigation of co2 simultaneous photo catalysis and biodegradation in a bioreactor	2018
22.	Engr Syed Gul Ahmed Shah	M. Sc. (Hons.)	Optimization of different raw materials for economical and efficient briquette formations in Pakistan	2017
23.	Engr Shoaib Ahmed	M. Sc. (Hons.)	Optimisation the solid state sodium hydroxide retreatment for enhancing biogas production potential of wheat straw	2017
24.	Engr Usman Rashid	M. Sc. (Hons.)	Modification of existing brequitte formatting machine and its performance evaluation	2017
25.	Engr Abdul Rauf	M. Sc. (Hons.)	Assessment of groundwater quality in tehsil gojra by using geographical information system	2017
26.	Engr Waseem Pervaiz	M. Sc. (Hons.)	Characterization and Optimization of Biomass form Different Sources for Briquette Formation	2016

27.	Engr Amyla Anwar	M. Sc. (Hons.)	Evaluation of Hospital Waste Management and Improvement Strategies at Allied Hospital Faisalabad	2016
28.	Engr Adeel Mehmood	M. Sc. (Hons.)	Design, Development and Testing of a Hydraulically Pressed Biomass Briquettes Forming Machine at Domestic Level.	2016
29.	Engr. Ali Mardan	M. Sc. (Hons.)	Determination Of Heavy Metals In Groundwater, Soil & Tomato Fruit Due to Wastewater Irrigation in District Faisalabad	2015
30.	Engr. Imran Shaukat	M. Sc. (Hons.)	Investigation of Salinity Transport in Ground Water Using MODFLOW AND MT3DMS	2015
31.	Engr. Syed Qalandar Hussain	M. Sc. (Hons.)	Performance Evaluation of Fly Ash to Enhance the Workability and Strength Properties of Cement and Concrete	2014
32.	Engr. Salman Ghaffar	M. Sc. (Hons.)	Physio-Thermal Characteristics of Different Combinations of Biomass Materials	2014
33.	Engr. Waseem Shahzad	M. Sc. (Hons.)	A Modeling Study to Reduce Supply and Demand Based Gaps for Optimizing Canal Water use in Lower Chenab Canal System of Punjab, Pakistan	2014
34.	Engr. Muhammad Aleem	M. Sc. (Hons.)	Characterization and Performance Evaluation of Efficient Textile Effluent Treatment with Special Focus on Dyeing Unit	2014
35.	Engr. Noman Ali Butter	M. Sc. (Hons.)	Estimating Groundwater Abstraction at Different Spatial Scales in Lower Chenab Canal System of Punjab Pakistan	2014
36.	Engr. Muhammad Usman Farid	M. Sc. (Hons.)	Burning Characteristics and Environmental Impact Different Fossil Fuels in Comparison with Biomass Briquettes	2013
37.	Engr. Uzair Shafqat	M. Sc. (Hons.)	Soil Physical Degradation Due to Drip Irrigation	2013
38.	Engr. Irfan Yasin	M. Sc. (Hons.)	The Effect and Threats of Noise Pollution on the Health of Human Being working under Controlled Atmosphere of Textile Industry	2013
39.	Engr. Kaleem Shahzad	M. Sc. (Hons.)	Bio-energy Prospective and Efficient Utilization Pattern for Rural Energy Supply in Punjab	2013
40.	Engr. Usman Hider	M. Sc. (Hons.)	Design Development and Evaluation of Wet Scrubbing PVC Unit for the Separation of Purified Methane (CH ₄) in a Biogas Plant	2012
41.	Engr. Muhammad Usman Khalid	M. Sc. (Hons.)	Evaluation of Biofertilizer Application to Ameliorate the Environment and Crop Production	2012
42.	Engr. Miss. Saba Javed	M. Sc. (Hons.)	Utilizing biodegradable waste as valuable pellets by using pelletizer	2012
43.	Engr. Miss. Mubarrak Saleem	M. Sc. (Hons.)	Design, Development & Performance Evaluation of Biomass Densifier	2012
44.	Engr. Adnan Saeed Bajawa	M. Sc. (Hons.)	Reuse of Household Waste as Fuel Materials	2011
45.	Engr. Miss. Asma Sattar	M. Sc. (Hons.)	Study of the Spatial Variability in Groundwater Quality of Ghulam Muhammad Abad Faisalabad by Using GIS	2011
46.	Engr. Nabeel Nazir	M. Sc. (Hons.)	Assessment of Industrial Effluents Feasibility for Agriculture Purpose	2011
47.	Engr. Muhammad Sultan	M. Sc. (Hons.)	Impact Assessment of Sewerage and Industrial Effluents on Water Resources in Faisalabad	2010
48.	Engr. Miss. Shumaila Sharif	M. Sc. (Hons.)	Monitoring of Drinking Water Quality in District Faisalabad	2008

49.	Engr. Saqib Ali	M. Sc. (Hons.)	Solid Waste Management in Faisalabad Using GIS	2008
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RESEARCH PROJECTS EXECUTED

S. No	Project Title	Funding Agency	Amount	Duration	As PI/ Co-PI	Present Status
1.	Development and fabrication of biomass compaction machine as source for producing bio fuel energy	EFS, UAF	Rs. 0.82 Millions	12 months	PI	Completed
2.	Processing of raw turmeric using newly developed dryer and tumbler to preserve curcumin	EFS, UAF, P.No.PC003 /17	Rs. 1586000	12 month	Co-PI	Completed
3.	Assessment of Temperature Lapse Rate (TLR) over high altitude region within Hunza River Basin	HEC, Islamabad under P.No.1790/ SRGP	Rs. 320000	10 month	Co-PI	Executing
4.	Upgrading laboratories of Agricultural Engineering Departments University of Agriculture Faisalabad	HEC, Islamabad	Rs. 34.87 Millions	12 months	Member	Completed
5.	Improving Irrigation Water Use in the Punjab Province of Pakistan by Raising Flexibility and Integrating Surface and Ground Water Resources	DAAD Germany	120,000 Euro	36 months	UAF Coordinator	Completed
6.	Development of herbal-based orally disintegrating tablets from moringa oleifera leaves	HEC, Islamabad under SRGP P.NO.1487	Rs. 485000	04 month	Co-PI	Completed
7.	Investigation of climate and anthropogenic impacts on runoff characteristics in Pakistan	HEC, Islamabad under SRGP P.No1273	Rs. 422000	09 month	Co-PI	Completed
8.	Innovative Impulses Reducing water footprint of the global textile industry towards the UN Sustainable Developments Goals	DAAD	Rs. 14,320,19	04 Years	Co-PI	Executing
9.	Bromate Removal from Drinking water using Zeolite supported bin etallic catalyst	HEC Islamabad under P.No.1661/S RGP	Rs. 448500	08 month	Co-PI	Executing
10.	Production and harvesting of renewable energy resources from the bioreactors functionalized with immobilized bacterial communities	HEC Islamabad under P.No.1830/S RGP	Rs. 475000	09 month	Co-PI	Completed
11.	Performance evaluation and modification of existing indigenous biomass briquette forming machine	HEC, Islamabad	Rs. 6.102 Million	36 months	PI	Completed

12.	Bromate removal from drinking water using zeolite supported bimetallic catalyst	HEC, Islamabad	Rs. 448500	1 Year	Co-PI	Completed
13.	On-Farm processing of moringa leaves as cattle feed supplement	PARB		03 Year	Co-PI	On-going
14.	Development of Self Sustainable Bio Reactor for Biogas Production	NCPC	Rs. 186,000	12 months	Co-PI	On-going
15.	Development of Pilot Scale Fluidized Bed Gasification (FBG) Reactor for Energy Generation from Biomass	NCPC	Rs. 180, 000	12 months	Co-PI	Completed
16.	Development of Environment Friendly Mini Electric Vehicle (EV) for Farm Transportation	NCPC	Rs. 1,70,000	12 months	PI	Completed
17.	CO ₂ Reduction Technology from Atmosphere and CO ₂ Conversion into Biofuel from Bio degradation of Wastewater	NCPC	Rs. 1,50,000	12 months	PI	Completed

TRAINING/WORKSHOPS SEMINAR ATTENDED

1. Training course entitled "Irrigation Flow Measuring Techniques" University of Idaho, USA, organized at NARC, Islamabad, Pakistan. **(Nov. 25 to 29, 1990)**
2. Training course on "Internal Combustion Engine Service" at Millet Tractor Limited, Lahore. **(October 6 to 10, 1991)**
3. National workshop on "Integrated Area Development" sponsored by FAO-PARC at National Agricultural Research Center, Islamabad. **(Nov. 30 to Dec. 1, 1993)**
4. National Conference on "On-Farm Water Management" organized at National Agricultural Research Center, Islamabad. **(May 29 - 30, 1994)**
5. National seminar on "Geo-Synthetic Lining for Channels and Canals" held at Marriott hotel Islamabad. **(1995)**
6. Training course on "EM Technology and Nature farming" organized at WRRI, National Agricultural Research Center, Islamabad. **(April 27 - 28, 1998)**
7. International Symposium on "Agro-Environ-98" organized at University of Agriculture, Faisalabad, Pakistan. **(May 25 – 30, 1998)**
8. National Conference of the JSIDRE organized in Tottori, Japan (August 25 – 28, 2000)
9. Participated and attended National Conference of the JSIDRE organized in Morioka, Japan **(August 25 – 28, 2001)**
10. Participated and attended National Conference of the JSIDRE organized in Mie, Japan **(August 25 – 28, 2002)**
11. Participated and attended "Agro-Environ International Symposium" organized at Cairo, Egypt. **(October 27 – 29, 2002)**
12. Participated and attended "3rd International World Water Forum" organized in Kyoto, Shiga and Osaka, Japan **(March 16 – 22, 2003)**
13. Participated and attended National Conference of the JSIDRE organized in Okinawa, Japan **(July 8 - 11, 2003)**
14. Participated and attended International Conference on "Agricultural Engineering: Issues and Strategies" organized by PSAE and FAE&T, UAF. **(February 16 - 18, 2006)**

15. Organized International Seminar on “Water and Environment-A Looming Crisis” organized by PSAE and FAE&T, UAF. **(August 20 - 22, 2006)**
16. Participated and attended Training on “Imparting practical training on biochemical techniques” organized by HEC workshop, Univ. of Agri. Fsd. **(27.2.06---04.03.06)**
17. Participated and attended “Waste water treatment: Options for small and medium sized Industries” organized by NUST, IESE, Islamabad **(06.03.07---07.03.07)**
18. Participated and attended “WTO Agreement & their impact in Pakistan’s economy” organized at UAF. **(03.06.09---06.06.09)**
19. Certificate course on “Remote sensing & Digital Image processing” organized by Directorate of Research, UAF. **(29.11.10---26.12.10)**
20. Organized World Environment Day Walk and Speech competition organized by Department of Structures & Environmental Engineering (SEE), UAF. **(June 6, 2011)**
21. Arranged National Exhibition on “Clean Energy for Small Industries and Houses” organized by Deptt. Of SEE and FAE&T, UAF. **(June 6-7, 2011)**
22. Organized International Seminar on “Environmental Issues and Strategies” organized by Deptt. of SEE and FAE&T, UAF. **(June 7, 2011)**
23. Organized Training Workshop on “Parameters of Environmental Impact assessment” organized by Deptt. of SEE and FAE&T, UAF. **(June 8, 2011)**
24. Training course on “Statistical analysis using SPSS and MINITAB” organized by Department of Math & Stat, UAF. **(05.10.11---07.10.11)**
25. International Training Workshop on “ASEAN Science and Technology Park (Development Zone)” held at Beijing Greatwall Enterprise Institute (GEI), P.R. China. **(30-08-2013----13-09-2013).**
26. International “Water Talk” on “Improving Irrigation Water Use in the Punjab Province of Pakistan by Raising Flexibility and Integrating Surface and Ground Water Resources” organized by International Water Management Institute (IWMI) Lahore with the collaboration of DAAD held at Faisalabad Serena Hotel, Faisalabad on **14-12-2013**.
27. Two-days training workshop of “**Presiding Officers and Sr. Assistant Presiding Officers- GE 2018**” organized by the Election Commission of Pakistan and The United Nation Development Program held on July 11-12, 2018.
28. One day training workshop on, “**Assessment Mechanism Under Outcome Based Education (OBE)**” organized by the Faculty of Agricultural Engineering and Technology, University of Agriculture, Faisalabad on September 27, 2019.
29. One day PEC-CPD workshop on, “**Water Efficiency and Wastewater Treatment in Textile Industry**” organized by Faculty of Agricultural Engineering and Technology, University of Agriculture, Faisalabad held on January 31, 2019.
30. One day PEC-CPD seminar on “**Water Resource Management**” organized by Faculty of Agricultural Engineering and Technology, University of Agriculture, Faisalabad held on February 01, 2019.
31. 5-days PEC PEV training on “**Outcome Based Accreditation for Program Evaluation**” organised by PEC and PHEC at PHEC, Arfa Software Technology Park, Lahore on January 13-17 2020.
32. PEC-CPD workshop (as Workshop Coordinator) on, “**Hydrological Monitoring Technologies**” organized by the Department of Structures and Environmental Engineering, University of Agriculture, Faisalabad on February 17, 2020.
33. One Day International Seminar and Training workshop on “**World Water Day**” by Department of Irrigation and Drainage on March 30, 2022.
34. Participated as resource person on “**One Week Refresher course for field staff**” by UAF community College PARS on 01-06 August, 2022.