

Personal Information



Yasir Abbas

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Date of Birth: 07/15/2002
Gender: Male
Nationality: Pakistan

About Me/Personal Statement/ Career Objective

To pursue my career as an outstanding professional in a challenging and dynamic environment where I can develop and boost my skills to the utmost by complementing technical knowledge with practical experience. I like to be hard working and try my best to be reliable in my daily business. I spent a challenging life and resulting enjoyed to overcoming these challenges which developed my confidence. I prefer to be consistent in my goals that I set for myself.

Work Experience

03 July 2023 - 15 April 2023

Physical Internship

Agriculture Remote Sensing Lab in University of Agriculture Faisalabad Pakistan. I worked on remote sensing approaches for soil analysis and mapping.

Education:

2020-2024	Bachelor of Agricultural Engineering University of Agriculture Faisalabad, Pakistan	3.37 /4.00
2017-2020	Higher Secondary Education (Pre-Engineering) Government Higher Secondary School Bhowana district Chiniot Pakistan	67.73%
2015-2017	Secondary Education (Science) Government High School Adlana Tehsil Bhowana district Chiniot Pakistan	74.18%

Research Project:

Research Project

Assessment of Rakh Branch Canal Water Quality for Irrigation Purpose in Faisalabad Agriculture Zone

The research is conducted in the 3rd most populated and biggest textile city of Pakistan. The canal flows through the municipal areas along the industries. During research the survey, mapping, sampling and testing is done to locate, minimize and find out the source of water pollution in canal water. Water samples are collected from different points and tested in environment lab.

Research Project

To determine the Ec and pH of District Chiniot by using Arc GIS

In this research project to determine the EC and Ph of district Chiniot Firstly, I am collected soil samples of Chiniot and than made maps by Arc GIS.

Publication:

26 October 2023

Abbas, Y., & Aslam, R. A. (2023). Potential of Untapped Renewable Energy Resources in Pakistan: Current Status and Future Prospects. *Engineering Proceedings*, 56(1), 108. **(Published)**
Link: <https://www.mdpi.com/2673-4591/56/1/108>

31 January 2024

Abbas, Y., *Khan, S. N., Arshad, A., Zahid, H., & Aslam, R. A. (2024). Geospatial modeling of groundwater system for sustainable management: A review, Submitted full chapter to Springer Nature

Abstracts:

29-30, November 2023

***Abbas, Y., Khan, S.N., Ali Raza, A., Wardah, Ghous. B., & Zahra, B .E.,**(2023). Improving fodder processing and conservation techniques for sustainable livestock nutrition and agricultural productivity in Pakistan. International Conference on “Fodder Production in Climate Shift Paradigm: Better Nutrition for Better Dairy Production. IFC-2023-T5-02.

29-30, November 2023

Ghous, B., Zahra, B.E., & ***Abbas, Y.**(2023). Challenges and factors in seed production for sustainable agriculture and food security in Pakistan. International Conference on “Fodder Production in Climate Shift Paradigm: Better Nutrition for Better Dairy Production. IFC-2023-T2-01.

29-30, November 2023

***Raza, A., Nasir, A., Khan, N. S., Hamza, H., Abbas, Y., & Afzal, H.**(2023). Fodder production in climate shift paradigm. International Conference on “Fodder Production in Climate Shift Paradigm: Better Nutrition for Better Dairy Production. IFC-2023-T1-08

29-30, November 2023

***Wardah, Khan N.S., Hamza, M. , & Abbas, Y.**(2023). Impact of climate change on fodder and livestock productivity. International Conference on “Fodder Production in Climate Shift Paradigm: Better Nutrition for Better Dairy Production. IFC-2023-T1-07

17 February 2023

***Abbas, Y., Khan N.S., Aslam, R. A., Arslan, C., Farid, M. U., Iqbal, M., & Mehboob, A.** (2023). Scope of HBV hydrological model in flood forecasting. International conference on precision and Sustainable Agriculture under Climate Change(IPSAC-2023). Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahim Yar Khan, Pakistan. IPSAC-109

29 May 2023

***Abbas, Y., Khan, S. N., Saeed, R. M. A., Wardah and Saeed N.** (2023) . Development of modern poultry farm in Pakistan .In: International Conference on Sustainable Food Security Solutions

10 August 2023	CPEC consortium of universities, Hosted by Department of Agronomy (UAF), IAEE & RD (UAF) and ISHU, University of Karachi. Aslam R. A., * Abbas Y. (2023). Suggesting options for sustainability of food production in Pakistan: Lessons from across the world. The 4th International Electronic Conference on Applied Sciences. sciform-076506.
17 November 2023	* Abbas, Y. , & Faheem, M., (2023). Sustainable options to minimize postharvest losses in Pakistan. Alliance for Modernizing African Agrifood Systems. Imagining African Agrifood Systems: Looking Forward. ASABE Engineering is Sustainable Future.
23 December 2023	Zahra, B. E., Ghous, B., & Abbas, Y. (2023). MOL2NET'23, Conference on Molecular, Biomed., Comput. & Network Science and Engineering, 9th ed. Sciform-083704
31 December 2023	* Abbas, Y. , Faheem, & Ghous, B. (2023). Robotic Weed Control and Crop Improvement for Pakistan's Sustainable Agriculture. 3 rd International Conference on Scientific and Academic Research(ICSAR). AS-Proceedings, ISBN: 978-625-6530-75-1

Fellowship Programs:

August 2023- November 2023	Amal Fellowship completed funded by Stanford University
April 2023- November 2023	OMLAS Fellowship completed in One Million Leaders Asia Fellowship Program

Conferences/Training Workshops / Webinars Attended:

29 March 2024	One day Webinar on “ Hydrodynamics in Open Channel Flows and in Pressurized pipe Systems ; Fundamentals and Application Organized by Water MDPI
10 January 2024	One day CPD activity on “ How to Write an Effective Student Research Proposal & Thesis/ Final Year Project Report” (1.0 CPD point) Organized by Department of Energy Systems Engineering, UAF.
29-30 November 2023	International Conference on “Fodder Production in Climate Shift Paradigm: Better Nutrition for Better Dairy Production” Institute of Plant Breeding and Biotechnology, MNS University of Agriculture, Multan. Attended virtually
14-17 November 2023	The international virtual conference on “Alliance for Modernizing African Agrifood Systems Conference Imagining African Agrifood Systems: Looking Forward” ASABE American Society of Agricultural and Biological Engineers. Attend virtually
09 February 2023	Workshop on “Hands-on Experience on Developing CubeSats: From Satellite to Classroom- Based Educational Tool”(1.0 CPD point) Dept. of Irrigation and Drainage, UAF
29-31 May 2023	The international conference on “Sustainable Food Security Solutions” Department of Agronomy (UAF), IAEE & RD (UAF) and ISHU, University of Karachi.

18-19 May 2023	Two days Hands on CPD training workshop “3-D Scanning and Printing for Design of Agricultural Machinery”(1.0 CPD point) Dept. of Farm Machinery and Power, UAF
23-24 January 2023	Two days CPD training workshop on “Conceptual Hydrological Modelling” Dept. of Structures and Environmental Engineering, UAF
13 August 2022	2 hour Movers virtual workshop on “Climate Action Level 2”
31 July 2022	2 hour Movers virtual workshop on ‘SDG13: Climate Action Level 1”
20 July 2022	One day seminar on “Mechanical Rice Transplanting And Practical De’monstration of Kubota Rice Transplanter“(1.0 CPD point) Dept. of Farm Machinery and Power, UAF
24 May 2022	One day PEC-CPD training workshop on “Waste-To-Energy Technologies”(1.0 CPD point) Dept. of Structures and Environmental Engineering, UAF
30 March 2022	One day International seminar & training workshop on “World Water Day 2022”(1.0 CPD point) Dept. of Irrigation and Drainage, UAF

Presentation:

15 November 2023	Sustainable Options to Minimize Postharvest Losses in Pakistan Presented in Conference Alliance for Modernizing African Agrifood Systems. Imagining African Agrifood Systems: Looking Forward. ASABE Engineering is Sustainable Future.
29 November 2023	Improving Fodder Processing and Conservation Techniques for Sustainable Livestock Nutrition and Agricultural Productivity in Pakistan. Presented in International Conference on Fodder Production in Climate Shift Paradigm: Better Nutrition for Better Dairy Production Institute of Plant Breeding and Biotechnology, MNS University of Agriculture, Multan
25 December 2023	Robotic Weed Control and Crop Improvement for Pakistan’s Sustainable Agriculture. Presented in 3 rd International Conference on Scientific and Academic Research(ICSAR).

Extracurricular Activities

25-26 December 2023	Certification of Participation in 3 rd International Conference on “Scientific and Academic Research” Organized by All Sciences Academy at konya/Turkey
17 December 2023	Certificate for participating in “Communication Skill Session” held by Rotaract Club of Government First Grade College RI District 3191
14-17 November 2023	Certificate of attended and participated in the “Alliance for Modernizing African Agrifood Systems Conference Imagining African Agrifood Systems: Looking forward” held virtually ASABE
29-31 May 2023	Certificate of participation on attend international conference on “Sustainable food security solutions” Organized by Department of

16 April 2023	Agronomy, UAF. University of Karachi & South China
5 th March 2023	Agricultural University (SCAU), Guangzhou, China
03-05 March 2023	Certificate of participating in the webinar on “Legal Research and Writing” held by Dynamic Law Association
1 ST March 2023	Certificate of participating in the session ‘History of Embroidery & Basic Stitches’ held by Leading Star
24 th February 2023	03 days workshop “SWOT Analysis” Organized by The Success Map and Youth Media Network Pakistan
15 January 2023	Certificate of participating in the session “Secrets to Productive Life” Organized by Leading Star
13 January 2023	Certificate for participation in the session “Importance of Soft Skills in Personal & professional Life” Organized by Leading Star
22 June 2022	Certificate of participation session “Personality Grooming” Organized by Leading Star
23 April 2022	Certification of participation in “Youth Digital Quiz Competition” Organized by Youth Media Network
11 March 2022	Certificate of Appreciation in the webinar on “Heat Stroke” Organized B&BLifestyle
06 March 2022	One day webinar on “Unhealthy Emotional Eating” Organized on Urban Unicorn Pakistan
05 March 2022	Certificate of participation “The Qualitative Living Webinar” Organized by The Success Map
20 November 2021	Certificate of participation “The LinkedIn Training Workshop” Organized by Pakistan Eales Foundation
	One day webinar on “Role of Nutrition during Covid Pandemic” Organized by Crescent Student Union
	Certificate of participation session on session “Creative English Writing” Organized by Pakistan Eales Foundation
	Certificate of participation “Create your study system” Organized Zanhani Graphics Retouch Your Skills
	Certificate of participation one day seminar on “SEO of YouTube and Amazon” Organized by Globle Links

Skills:

HBV-Light Model	Conceptual Hydrological Modeling
Arc-GIS	Surveying & levelling
ERDAS Imagine	Environment Assessment
Crop WAT	Wastewater Treatment
Remote Sensing	Resource Management
Minitab	Irrigation Scheduling
Auto Cad	Data Processing
Soil Sampling	Data Analysis
R language (Beginner)	MS office

Language	Activities & Interest
English	Book Reading
Urdu	Research Project
Saraiki	Managing Events
Punjabi	Playing CHESS

Communication Skills:

I am a good at communication and interpersonal skills, with ability to liaise effectively and professionally with individuals at all levels. I have been a Agricultural Engineer, having belief in my ability to work with different personalities and adapt quickly to different Engineering settings.

<u>Language Level</u>	<u>Listening</u>	<u>Reading</u>	<u>Speaking</u>	<u>Writing</u>
English	Good	Good	Good	Good
Urdu	Good	Good	Good	Good
Chinese	Learning	Learning	Learning	Learning
Saraiki	Excellent	Excellent	Excellent	Excellent
Punjabi	Good	Good	Good	Good

Additional Information:

Awards:	Awarded laptop from Government of Pakistan on merit base. Certificate of achievement in best management business training from Warner & Spencer. In leading Star.
Scholarship:	Awarded HEC (Higher Education Commission) Scholarship for undergraduate program.
Membership	Member American Society of Agricultural and Biological Engineers ASABE

Online Short Courses and certifications:

Course Name	Host Organization	Duration
English language Course	Learning Platform	04 Weeks
English for Career Development	University of Pennsylvania- coursera	05 Weeks
BIM Fundamentals for Engineers	National Taiwan University- coursera	05 Weeks
Data Analysis with R programming	Google – coursera	05 Weeks
Application in Engineering Mechanics	Georgia Institute of Technology	05 Weeks

Reference:

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