



Ali Hassan

PERSONAL INFORMATION

Father's name :: Mushtaq Ahmad

Date of Birth :: 13-12-1993

CNIC Number : 31202-7016265-1

Domicile :: Bahawalpur (Punjab)

Nationality : Pakistani

Religion : Islam

Marital status :: Single

Postal Address :: House no. 12-B, Street No. 4, Baqirpur Road, Jaffrey town Bahawalpur (Punjab)

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ACADEMIC BACKGROUND

Degree	Percentage/CGPA	Board/University	Institution
Metric	70%	B.I.S.E Bahawalpur	Royal Cadet Public High School Bahawalpur
FSC	68%	B.I.S.E. Bahawalpur	Moon System of Education Bahawalpur
B.Sc. (Hons) Agriculture (Plant Breeding and Genetics)	3.52 / 4.00	The Islamia University of Bahawalpur, Pakistan	University College of Agriculture and Environmental Sciences. The Islamia University of Bahawalpur
MPhil (Plant Breeding and Genetics)	3.80/4.00	Bahauddin Zakaria University, Multan Pakistan	Faculty of Agriculture Sciences and Technology (FAST) BZU
Ph.D. (Plant Breeding and Genetics,) Final year	3.90/4.00	Bahauddin Zakaria University, Multan Pakistan	Faculty of Agriculture Sciences and Technology (FAST) BZU

WORKING EXPERIENCE

Currently working as Ph.D. scholar at the Department of Plant Breeding and Genetics Bahauddin Zakariya University, Multan Pakistan.

SKILLS AND ACHIVEMENTS

SKILLS

- MS Office
- Statistical software
- Verbal and written communication
- Team work
- Laboratory management
- Genetic variability analysis gene action studies
- DNA isolation
- RNA isolation
- Primer designing
- Polymerase Chain Reaction
- Gel Electrophoresis
- Genetic Diversity analysis on molecular level
- Techniques for mining of crops genotypes for biotic and abiotic stress tolerance
- ROS and antioxidant enzymes extraction involving SOD, POD, CAT and H₂O₂

- Research Publications

ACHIVEMENTS

SR #	Certificates and Awards
1	Research Appreciation Award on behalf of Voice Chancellor of The Islamia University of Bahawalpur, Pakistan
2	Crop Pest Diagnosis by CABI
3	National Financial Literacy Program for Youth by State Bank of Pakistan
4	Training Certificate for International Food Standards by National Alliance for Safe Food
5	Structuring and Writing Manuscript By ELSEVIER
6	Development of Climate Change Resilience in Rice Varieties Through Molecular Breeding by Bioingene
7	International Workshop on Research Methodology & How to Develop a Research Proposal
8	Breeding For Efficient Root System for Water and Nutrient Uptake by Plant GENOMIA
9	International Hybrid Mode Conference on Emerging Innovative Research Trends in Biology by Department of Biotechnology and Genetic Engineering University of Science and Technology, Kohat.
10	Appreciation Certificate for Event Organization by Department of Plant Breeding and Genetics Bahauddin Zakariya University, Multan Pakistan

PUBLICATIONS

- Genetic Variability and Association Study of Yield Attributing Traits in F₂ Populations of American Cotton. (*World Journal of Biology and Biotechnology*).
- Impact of Mepiquat Chloride as Phyto Regulator on Morpho- Physiological Parameters of American Cotton. (*Journal of Phyto Pathology*).
- Effect of Heritability, Genetic Advance and Correlation on Yield Contributing Traits in Upland Cotton. (*Journal of Agriculture Sciences Dergi park Turkey*).
- Rice Production and Crop Improvement Through Breeding and Biotechnology (*Springer Nature*).
- Mining of Salt Tolerant Cotton Genotypes and Estimation of Genetic Diversity of Salt Tolerant Genotypes Using SSR markers. (*Abstract Published in International Hybrid Mode Conference on Emerging Innovative Research Trends in Biology by Department of Biotechnology and Genetic Engineering University of Science and Technology, Kohat*).
- Association of Heat and Drought stress Transcription Factors with Boll Weight in American Cotton (*Submitted March 2022*).

LANGUAGE SKILLS

- English
- Urdu
- Punjabi
- Saraiki

INTERESTS.

- Experiment planning
- Data collection
- Data analysis
- R studio

EXTRA-CURRICULAR ACTIVITIES.

- Indoor out door games

REFERENCE

Will be provided on your demand.