

Mahnoor Jamil

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Contact No.: 0335-6342050

ACADEMICS

- ❖ **M.Phil. (Biotechnology)** (CGPA 3.96/4) (2017-2019)
National Institute for Biotechnology and Genetic Engineering, Faisalabad (Constituent College of Pakistan Institute of Engineering and Applied Sciences, Islamabad.)
M.Phil Thesis Title: Identification and Functional Analyses of Genes Involved in Drought Stress in Cotton Using Virus Induced Gene Silencing
- ❖ **B.S (Agriculture, Major: Biotechnology)** (CGPA 3.92/4) (2013-2017)
University of Agriculture, Faisalabad
- ❖ **FSC (Pre-Medical)** (Marks 965/1100) (2011-2013)
Punjab College for Women, Faisalabad
- ❖ **Matriculation** (Marks 984/1050) (2009-2011)
Al-Huda Girls High School, Faisalabad

AWARD

- Awarded with merit scholarship during B.Sc (Hons.)
- Awarded with merit certificate - 2ND Position in M Phil

RESEARCH EXPERIENCE

- Worked as a Research Associate at **National Institute for Biotechnology and Genetic Engineering, Constituent college of PIEAS, Faisalabad** (January 1, 2020 – December 21, 2021)
- Working as a Research Associate at **CAS-AFS, University of Agriculture, Faisalabad** (December 22, 2021 – to date)

INTERNSHIPS/TRAININGS

- Internship at **Ayub Agricultural Research Institute, Faisalabad**
Worked at Agricultural Biotechnology Research Institute, gained experience of DNA extraction using CTAB method, DNA quantification, PCR, agarose gel electrophoresis, tissue culture studies in sugarcane (1st March – 30th April, 2017)
- Certificate of Training on “**Basic Lab Equipment Maintenance and Safety**”
(September 24-28, 2018)
- Participated as a resource person in “1st National Hands on Training on CRISPR/Cas mediated Genome Editing” (Feb 21-25, 2022)
- Participated as a resource person in “2nd National Hands on Training on CRISPR/Cas mediated Genome Editing” (May 21-25, 2022)

SKILLS

- **Research Skills**
 - Primer Designing
 - PCR
 - RT-PCR
 - qPCR
 - Agarose Gel electrophoresis
 - Basic Bioinformatics tools
 - Multiple Sequence Alignment
 - Sequencing Data Analysis
 - DNA Extraction
 - RNA extraction
 - Gene cloning
 - Bacterial Transformation
 - Functional Analyses of Genes by Virus Induced Gene Silencing
 - Plant Tissue Culture
- **Statistical software**
SPSS
- **IT skills**
MS Word, MS Excel, MS PowerPoint, MS Publisher, MS Visio