

# Resume

Mahboob Ilahi

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## Summary

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To do work related to plant protection and pathology in a company or institution that offers me a consistent positive atmosphere to learn new technologies and implement them for the betterment of the world.

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## Education

- **Master of Science** (Plant pathology) from Department of Plant Protection, Aligarh Muslim University with **first** division in 2020.
- **Bachelor of Science (Hons.)** from Department of Botany, Aligarh Muslim University with **first** division in 2018.
- Senior Secondary in **PCB** with **first** division from **CBSE Board**.
- High school with third division from **CBSE Board**

## Research background

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- Biological control of Plant Diseases.
- Effect of Climate change on disease development
- Molecular characterization of species/races of pathogens
- Integrated disease management in plants

## Dissertation/Project

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A research project titled as “**Interaction of root-knot and root-rot causing fungus on okra and its management**” under the supervision **Prof. Mujeebur Rahman Khan**,

❖ ***Roles and responsibilities:***

- Collection of various information about nature, plant diseases cause and control, and decay.
- Conducting experiments on healthy and diseased plants and analysis of results to determine symptoms and possible preventions.
- Isolation and study of disease-causing agents.
- Formulation of procedures, methods or substances that may prevent disease causing agents.

## Conferences

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- ❖ Presented poster at National Conference on “Biointensive Approaches in Plant Protection and their Socio-Economic impacts held by Department of Plant Protection A.M.U Aligarh from 29-30th October 2018

## Field work experience

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- Worked as head of the seed production unit (Uttar Pradesh) of Greenspace Agrilife Pvt. Ltd. Alwar Rajasthan
- Worked at **nursery** for more than six months
- Have experience in conducting **seeds development** trials
- Knowledge of ideal farming conditions for a variety of crops
- In depth Knowledge of plant and soil management
- Ability to design, monitor and maintain safe working environment for agriculture farm
- Ability to develop planting schedules, monitor crops, test maturity and organize harvest operations
- Knowledge of Post-Harvest Crop Management and Food Processing
- Human Resource Management

## Skills

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- Knowledge of epidemiology, mycology, bacteriology and virology of plants
- Ability to perform specialized, standardized, and routine **laboratory tests**
- Establish and maintain effective **working relations** with co-workers and with the public
- Possesses good **leadership** skills and able to facilitate and support a team
- Ability to prepare a variety of written documents; make independent decisions; **work with limited supervision**
- Working knowledge of PCR, Gel Electrophoresis, Bioinformatics techniques- BLAST, MEGA-X, Microbial techniques
- Have a **fast-learning skill** and easily adoptive to new working environment
- **General tools:** MS word, MS Excel, MS PowerPoint
- **Languages:** English, Urdu, Hindi, Arabic (elementary)

## Certificates

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1. Participated in national conference on Bio-intensive approaches in plant protection strategies and their socio-economic impacts and **presented a Poster** entitled “Effect of root-knot nematode on vegetables and their integrated management” at the National conference held at the Department of Plant Protection, AMU, Aligarh during 29-30 October, 2018
2. Completed an online course “**Antimicrobial resistance** – theory and methods” offered by Coursera
3. Completed an online course “**Food & Beverage Management**” offered by Coursera

4. Completed an online course “**Ecology**: Ecosystem Dynamics and Conservation” offered by Coursera