



DR. MD. MAHFUZ ALAM

Director (Manpower and Training)

Manpower and Training Unit

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1. Career Brief

Dr. Md. Mahfuz Alam is a plant pathologist specializing in plant microbe interaction, molecular plant pathology, transgenic plant development, biotic and abiotic stress. He has extensive research experience in in plant microbe interaction, molecular plant pathology, transgenic plant development, biotic and abiotic stress in food crops. With more than 33 scientific publications in international and national journals, his work focuses on improving crop resilience and productivity under changing climatic conditions. He has also been actively involved in research projects, professional training and scientific collaborations in Bangladesh and abroad.

2. Area of Expertise

Plant Microbe Interaction; Molecular Plant Pathology; Transgenic Plant Development; Resistance Breeding, Genetic Engineering; Plant pathology, Mycology, Bacteriology, Virology, Plant Protection; Integrated pest management; Biotic and Abiotic stress; Climate Change Adaptation and Climate-Resilient Crop Production.

3. Professional Experience

| Designation | Organization | Service Period |
|--|--|-------------------------|
| Director (Manpower and Training) | Bangladesh Agricultural Research Council | 23/09/2025 ~ Present |
| Principal Scientific Officer | Bangladesh Agricultural Research Council | 20/12/2021 ~ 22.09.25 |
| Senior Scientific Officer | Bangladesh Agricultural Research Institute | 20.05.2014 ~ 19.12.2021 |
| Scientific Officer | Bangladesh Agricultural Research Institute | 01.06.2006 ~ 19.05.2014 |

4. Education

| Degree/Study | University | Passing Year |
|-------------------------------------|---------------------------------------|--------------|
| Ph.D. | Ehime University, Japan | 2014 |
| Ph.D. in Plant Molecular Biology | Ehime University, Japan | 2009 |
| MS in Plant Pathology | Sher-e-bangla Agricultural University | 2004 |
| B.Sc.Ag. (Hons.) | Sher-e-bangla Agricultural University | 2006 |

5. No. of Publications: 37

- Peer Reviewed Journal Articles: 33
Principal Author- 12, Co Author- 23
- Book/Book Chapters: 2
Principal Author- 0, Co Author- 2
- Abstract published in Seminar/Workshop: 8
Principal Author- 7, Co Author- 1
- Popular article; 11
- Principal Author- 11

6. Public Profile

Domain

Link to Profile

ResearchGate

https://www.researchgate.net/profile/Md-Alam-116?ev=hdr_xprf

LinkedIn

<https://www.linkedin.com/in/dr-md-mahfuz-alam-8b927288/>