

Resume of

Dr. Md. Rafiqul Islam



PRESENT POSITION:

Professor (Grade – 1)
Department of Plant Pathology
Sher-e-Bangla Agricultural University,
Dhaka, Bangladesh

ACADEMIC CREDENTIALS:

Degree : **Ph. D.**

Area of concentration : Integrated Plant disease Management / Biological control

University : Bangladesh Agricultural University, Mymensingh, Bangladesh.
(A sophisticated part of the research works for Ph. D. program has been conducted in Microbiology Lab, University of Massachusetts (UMASS), USA under USDA fellowship)

Dissertation Title : **An Integrated Approach for the Management of Phomopsis Blight and Fruit Rot of Eggplant**

Year : 2005

Degree : **M. Sc. Ag. in Plant Pathology**

Area of concentration : Plant Pathology

University : Bangladesh Agricultural University, Mymensingh, Bangladesh.

Year of Passing : 1989

Class obtained : **First Class (1st position)**

Thesis Title : Effect of plant extracts and fungicides against *Alternaria porri* causing purple blotch of onion

Degree : **Bachelor of Science in Agriculture (Hon's.)**

Duration : Four years

University : Bangladesh Agricultural University, Mymensingh, Bangladesh.
(Graduation campus: Sher-e- Bangla Agricultural University)

Year of Passing : 1986

Class obtained : **First Class**

Degree : **Higher Secondary Certificate (HSC)**
Duration : Two years
Board : Board of Intermediate and Secondary Education Board, Cumilla
Name of School : **Ispahani Public School & College**, Cumilla Cantonment , Cumilla
Year of Passing : 1982
Class obtained : 2nd Division

Degree : **Secondary School Certificate (SSC)**
Duration : Two years
Board : Board of Intermediate and Secondary Education Board, Cumilla, Bangladesh.
Name of School : Borashal Ghar UMA High School, Debidwar, Cumilla
Year of Passing : 1980
Class obtained : First Division (Above 80% marks in Physics, Chemistry, General Math., & Elective Math.)

TEACHING EXPERIENCES:

Credited above 30 years of teaching experiences in under graduate and graduate level. Since my joining as lecturer on August 07'1990 to till date in the Department of Pathology, I have been teaching under-graduate and graduate students of B.Sc. in Ag. (Hon's), M.S & Ph.D. on Plant Pathology. I was promoted to Assistant Professor on 15April,1996; Associate Professor on 11September, 2001 and Professor on 24 April,2007. As per seniority, I have been selected for Professor (Grade-1) on 01.01.2016 and presently holding the 4th position among the top most senior teachers of Sher-e-Bangla Agricultural University. During more than 30 years of my teaching profession, I have been enjoying my class room teaching and performing my duties with utmost sincerity and punctuality.

ADMINISTRATIVE EXPERIENCES:

- ❖ As former Syndicate member of Sher-e-Bangla Agricultural University
- ❖ As Chairman of the Department of Plant Pathology, Sher-e-Bangla Agricultural University
- ❖ As Director (Outreach) of Sher-e-Bangla Agricultural University
- ❖ Member of M.S & Ph.D Ordinance Committee of Sher-e Bangla Agricultural University
- ❖ Member of under graduate and graduate Course Curriculum Committee of Sher e Bangla Agricultural University (as Higher Education Quality Assurance Committee -HEQAC)
- ❖ Member of under graduate and MS/ Ph.D Course Curriculum Committee of the Department of Plant Pathology, Patuakhali Science Technology University (PSTU)
- ❖ Member of under graduate and M. Phil Course Curriculum Committee of the Department of Plant Pathology, Rajshahi University
- ❖ Member of under graduate and MS Course Curriculum Committee of the Department of Plant Pathology, Bangladesh Open University
- ❖ Member of the **Moderation Committee** of Syllabus Curriculum (Agriculture) of Bangladesh Technical Education Board, Sher-e-Bangla Nagar, Dhaka, Bangladesh
- ❖ As former Member of Dean Council of Sher e Bangla Agricultural University
- ❖ Member of Editorial Board of Bangladesh Journal of Plant Pathology
- ❖ Member of Editorial Board of Journal of Sher-e-Bangla Agricultural University Bangladesh
- ❖ Member of Editorial Board of Journal of Sher-e-Bangla Agricultural University Research System
- ❖ Member of Editorial Board of the Journal 'The Agriculturists'

RESEARCH EXPERIENCES:

Research interest : Integrated Pest Management Emphasis on Eco-Friendly Approaches

Along with classroom teaching research is mandatory for the University faculties. I have conducted a good number of research works on improvement of judicious uses of chemicals, biological, cultural components and climatic issues for plant health management. Planning, designing, data analyzing, interpreting and publishing the research results in the national and international scientific journals are included in my research activities. Supervision of research projects by employing MS and Ph. D students funded by SAURES (Sher-e-Bangla Agricultural University Research System) and other National & International Organizations on present plant health problems is my research responsibilities and I have performed my research duties with sincerity and commitment that yielded the academic degree of a good number of MS & Ph. D students and a lot of Scientific publications.

Research Students' Supervision:

MS Students supervised : 56 (As Supervisor), 51 (As Co- Supervisor)
Ph.D Students supervised : 03 (As Chairman of Supervision Committee)
07 (As member of Supervision Committee)
Present Research Students : 07 (MS)

Scientific Articles Published: Fifty (50) publications in National and International Journals

- **Research at UMASS, USA**

Month long working experience on “**Formulation of bio-pesticide**” in Microbiology Lab, Department of Microbiology, University of Massachusetts (UMASS), USA under the supervision of Prof. Dr. Robert L. Wick of Microbiology Department). **Worked as research fellow in the project entitled ‘Integrated Approach for the Management of fruit and root rot of eggplant’ funded by USDA.**

- **Molecular study at BRRI**

A month-long working experience **on molecular characterization** of different races of *Phomopsis vexans* at Molecular lab, Bangladesh Rice Research Institute (BRRI), Gazipur under the supervision of Dr. Conrad. UK.

- **Seminar presentation in USA**

Presented a seminar on “**Integrated Pest Management in Bangladesh Agriculture**” in the University of Massachusetts on 22 May’2003 arranged by Department of Microbiology. The session was Chaired by Prof. Dr. Robert L. Week.

On Going Research:

- Management of purple blotch of summer onion (*Alternaria porri*) for seed production in Bangladesh.
- Management of Pestalotia leaf spot and leaf blight of Betel vine
- Crop loss assessment (seed & bulb) of onion due to purple blotch complex
- Formulation of bio-fungicides using potential *Trichoderma spp* against soil borne pathogen

COMPUTER LITERACY & LANGUAGE PROFICIENCY:

- ❖ Good command on computer programs and internet operation
- ❖ Earned a proficiency Certificate in English Language from the Department of Languages, Bangladesh Agricultural University, Mymensingh, Bangladesh.
- ❖ IELTS score **6.0**

ADDITIONAL QUALIFICATION:

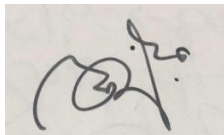
- ❖ Former member of the Advisory Committee of Debating Society of Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka, Bangladesh.
- ❖ Former advisor of the Literature & Cultural Organization 'Nilima' of Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka, Bangladesh.
- ❖ Former member of the Executive Committee of Ph.D. Students' Association of Bangladesh Agricultural University, Mymensingh, Bangladesh.
- ❖ Member of Professional organizations 'Bangladesh Phyto Pathological Society', 'Bangladesh Association of Advancement Science', 'Krishibid Institution, Bangladesh' etc.
- ❖ International Research Secretary, Executive Committee of Alumni Association of Sher-e-Bangla Agricultural University
- ❖ Former General Secretary (GS) of Teachers' Council of Sher-e-Bangla Agricultural University.

PERSONAL INFORMATION:

Date of Birth : 31 May 1964
Marital Status : Married (Having two kids)
Nationality : Bangladeshi
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Permanent Address: Vill: Bhabanipur, PO: Barashal Ghar, PS: Debidwar, District:
Cumilla

Present Address : Chameli Bhaban, Sher-e-Bangla Agricultural University Campus,
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(Professor Dr. Md. Rafiqul Islam)