

Curriculum vitae of

Dr. Mohammed Humayun Kabir

PhD in Plant Physiology

Senior Scientific Officer

Bangladesh Rice Research Institute,

Regional station: Habiganj, Habiganj-3300, Bangladesh.

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1. PERSONAL DETAILS:

Full Name: Dr. Mohammed Humayun Kabir

Father's name: Md. Israil

Mother's name: Mst. Nafisa Begum

Nationality: Bangladeshi

Date of Birth: 04.05.1971

Place of Birth: Mymensingh, Bangladesh

Marital Status: Married

Sex: Male

Date of entry as a Scientific Officer in BRRI: 20 August, 1998

Corresponding Address: Dr. Md. Humayun Kabir, Senior Scientific Officer,

Bangladesh Rice Research Institute, Regional station: Habiganj, Habiganj-3300, Bangladesh.

2. FIELD OF SPECIALIZATION:

Physiology of Plant, Phytohormones, Enzymology, Molecular Biology, Genetic Engineering, Gene transfer, Starch Bio-Synthesis, Polymerase Chain Reaction (**PCR**), Biosensor, Agronomy, Biochemistry, Seed Science, Weed science, Crop and Nutrient Management, Adaptive Research and Rice production.

3. Academic Career

| Name of Institution | Principal Subject | Degree | Passing Year | GPA/CGPA | Result |
|--|---|-----------|--------------|-----------------|--------------|
| Hunan Agricultural University, China | Plant Physiology | Ph.D | 2014 | Excellent | Excellent |
| Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur | Agronomy | MS | 2005 | CGPA 4 out of 4 | |
| Bangladesh Agricultural University, Mymensingh | Agriculture | B. Sc. Ag | 1993 | --- | 1st Class |
| Adamjee Cantonment College, Dhaka Cantt. Dhaka | Science (Physics, Chemistry, Botany, Zoology) | HSC | 1989 | ---- | 1st Division |
| BAF Shaheen School, Chittagong | Science | SSC | 1987 | ----- | 1st Division |

4. Main Subjects taught in undergraduate Course: Genetics and Plant Breeding, Agronomy, Botany, Crop Botany, Pathology, Entomology, Soil Science, Horticulture, Agricultural Chemistry, Physical and Analytical Chemistry, Organic Chemistry, Bio- Chemistry, Animal Husbandary, Agricultural Economics, Statistics, Farm Mechanics, Rural Science, Agricultural Extension etc.

5. Main Subjects taught in MS Course: Plant Physiology I, Plant Nutrition, Plant Breeding, Plant Ecology I, Soil- Plant Analysis, Principles of Crop Production, Design of Experiments, Weed science, Seed Science.

6. Training Experience

(a) In Country:

| Course Title | Institution | Location | Period | | Result |
|---|-------------|----------|-----------------|------------------|--------|
| | | | From | To | |
| 1. Rice production, Communication and Office management | BIRRI | Gazipur | 18 October 1998 | 15 December 1998 | |

| | | | | | |
|--|------|---------|--|--|--|
| 2. Foundation training course for NARS scientists | BARD | Comilla | | | |
| 3. Breeder Seed Production and Preservation Techniques of Rice | BRRI | Gazipur | | | |

b. Abroad:

| Course Title | Institution | Location | Period | | Result |
|--|-------------|-------------|-----------------|----------------|--------|
| | | | From | To | |
| 1. Research management | ATI | Thailand | January, 2000 | February, 2000 | |
| 2. Developing Integrated Nutrient Management Options for Delivery (DINMOD) | IRRI | Philippines | 24 January 2001 | 17 March 2001 | |

7. Participated In-country Workshop/Seminar etc from date of joining:

| Workshop/Seminar title | Duration | Venue | Funding Source |
|--|--------------------------|-----------------|----------------------|
| National Workshop on Modern Rice cultivation in Bangladesh | 3 days (14-16 Feb, 1999) | BRRI, Gazipur | BRRI DAE |
| 19th National Workshop on Rice Research and Extension in Bangladesh 2002 | 3 days (29-31 Jan, 2002) | BRRI, Gazipur | BRRI DAE |
| 20th National Workshop on Rice Research and Extension in Bangladesh 2004 | 3 days | BRRI, Gazipur | BRRI DAE |
| 19 th international Plant growth substrates workshop | 4 days | Shanghai, China | HAU, Changsha, China |

8. Award received

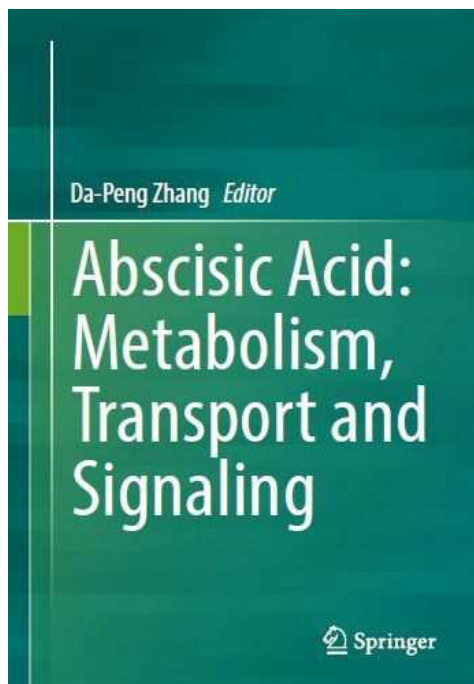
- (i) In-Country MS scholarship funded by Seed health sub-project of PETRRA, BRRI
- (ii) Awarded for abroad PhD study funded by NATP.

9. Publications

A total of **34** papers were published. Among them **8** were published in SCI Journal.

PCR based a new protocol was developed and published in SCI journal 2013.

A book chapter “Principles and practice of ABA (Abscisic acid: one kind of plant hormone) analysis” was published in the book of “Abscisic acid metabolism, transport and signaling” in 2014 (Springer Publisher: ©Springer Science + Business Media Dordrecht, 2014).



10. Working experience

Seventeen years experience in rice research through research program planning, designing, execution, data collection, data compilation, data analysis, report writing and evaluation of different research activities both on-station and on-farm. I joined at Adaptive Research Division, Bangladesh Rice Research Institute (BRRI) on August 20, 1998 as a Scientific Officer and promoted to Senior Scientific Officer in the same Division on 29 January 2009. Presently, I am working at the BRRI, Regional Station, Habiganj.