

**CURRICULUM VITAE**  
**OF**  
**MD. MOSTOFA MAHBUB**



Senior Scientific Officer, Agronomy Division  
Bangladesh Rice Research Institute, Gazipur-1701

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**CAREER OBJECTIVES**

- ❑ To pursue higher education.
- ❑ To build up career in Bangladesh Rice Research Institute, utilizing my academic background, innovative skills and research experiences.
- ❑ To contribute effectively in the research field of crop physiology, better crop management and weed science to address the food security issue in my country.

**RESEARCH INTEREST**

- ❑ Fundamental problems relating to crop production particularly focusing on rice: a major food crop of Bangladesh
- ❑ Partitioning of assimilates within the plant parts
- ❑ Relationship between source and sink
- ❑ Crop canopy architecture and photosynthetic machinery
- ❑ Contribution on plant genomics for weed management through allelopathic effect
- ❑ Current photosynthesis, stored carbohydrates and rate of respiratory loss
- ❑ Effect of pesticides on soil environment and microorganism
- ❑ Crop modeling
- ❑ Greenhouse gas emission from wet land rice field
- ❑ Develop advance technology on post harvest loss minimization

**PERSONAL INFORMATION**

Name : **Md. Mostofa Mahbub**  
Father's Name : Md. Maqsud Ullah  
Mother's Name : Jinnatun Nahar  
Nationality : Bangladeshi (By Birth)  
Designation : Scientific Officer  
Institution : Bangladesh Rice Research Institute, Bangladesh  
Date of Birth : August, 1985

Religion : Islam  
 Sex : Male  
 Marital Status : Married

**FIELD OF SPECIALIZATION : Genetics and Plant Breeding**

**ACADEMIC QUALIFICATION**

Name of Examination	Board/University	Year of Passing	Group/Faculty
S.S.C	Dhaka	2001	Science
H.S.C	Dhaka	2003	Science
B.Sc. Ag. (Hons.)	Sher-e-Bangla Agricultural University, Dhaka	2009	Agriculture
M.S. in Genetics and Plant Breeding	Sher-e-Bangla Agricultural University, Dhaka	2013	Genetics and Plant Breeding

<b>Employment Status:</b>				
	Designation	Institute/Organization	Duration	Responsibility
01.	Scientific Officer	Bangladesh Rice Research Institute (BRRI) Gazipur-1701	10/07/2013 to 23/11/2019	Research and Administrative
02.	Senior Scientific Officer	Bangladesh Rice Research Institute (BRRI) Gazipur-1701	24/11/2019 to till date	Research and Administrative

<b>Training:</b>				
	Organization	Duration		Name of Program
		To	From	
01.	FMPHT Division, Bangladesh Rice Research Institute, Gazipur-1701	22/12/2013	24/12/2013	Experimental Design, Layout and Statistical analysis
02.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	12/04/2014	17/04/2014	Rice Production, Communication and Office Management
03.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	17/05/2015	21/05/2015	Experimental Design and Data Analysis Training Course
04.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	29/02/2016	28/04/2016	Rice Production and Communication Training
05.	National Agriculture Training Academy (NATA), Gazipur	03/10/2016	06/10/2016	Food Security
06.	Statistics Division, Bangladesh Rice Research Institute, Gazipur-1701	08/01/2017	12/01/2017	Programming R for Experimental Design and Data Analysis

07.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	07/03/2017	09/03/2017	Modern Rice Production Training Course
08.	Training Division, Bangladesh Rice Research Institute, Gazipur-1701	01/04/2017	03/04/2017	Experimental Design and Data Analysis
09.	National Agriculture Training Academy (NATA), Gazipur	05/11/2017	09/11/2017	Disaster Management in Agriculture
10.	Agricultural Statistics and Information & Communication Technology Division, Bangladesh Agricultural Research Institute, Gazipur	08/04/2018	12/04/2018	Scientist Training on Open Source Software R
11.	Bangladesh Rice Research Institute	04/12/2018	06/12/2018	Innovation Project Design
12.	Bangladesh Rice Research Institute	11/12/2018	12/12/2018	Procedure of Soil and Plant Analysis
13.	Bangladesh Rice Research Institute	16/03/2019	21/03/2019	Basic Molecular Biology and Disease Resistance

#### Seminar/Presentation:

	Organization	Date	Time	Title of Seminar
01.	BRRI Auditorium (Thursday Seminar)	11/12/2014	12:01 PM	Genetic diversity, correlation and path coefficient analysis in Soybean

#### List of Publications:

1.	<b>M. M. Mahbub</b> , M. Mamunur Rahman, M. S. Hossain, F. Mahmud and M. M. Mir Kabir. 2015. Genetic Variability, Correlation and Path Analysis for Yield and Yield Component in Soybean. American-Eurasian Journal of Agricultural & Environmental Sciences. 15(2):231-236.
2.	L. Nahar, M. H. Ali, S. M. Masum, <b>M. M. Mahbub</b> and S. R. Haque. 2015. Performance of Prilled Urea and Urea Super Granules on the Growth and Yield of Wheat. Bangladesh Agronomy Journal. 18(1):37-48.
3.	B. J. Shirazy, <b>M. M. Mahbub</b> , T. A. Somee and M. Ahmed. 2015. Effect of Combined Application of Nitrogen and Micronutrients on Different Morphological Characters of Sesame ( <i>Sesamum indicum</i> L.). World Applied Sciences Journal. 33 (12): 1903-1907.
4.	B. J. Shirazy, M. M. Islam, M. A. Haque, <b>M. M. Mahbub</b> and T. A. Somee. 2015. Influence of Combined effect of Nitrogen and Micronutrients on Yield and Yield Contributing Characters of Sesame ( <i>Sesamum indicum</i> L.). Botany Research International. 8(4):73-76.
5.	M. M. Hossain, <b>M. M. Mahbub</b> and B. J. Shirazy. 2016. Growth and Yield Performance of Mungbean Varieties in Summer Cultivation. Scientia Agriculturae. 16 (3): 79-82.
6.	B.J. Shirazy, M.H. Rashid, <b>M.M. Mahbub</b> , T.A. Somee and P.C. Goswami. 2016. Farmers' Participatory Demonstration of Salt Tolerant T. Aman Rice Varieties in Saline Soils. Academic Journal of Plant Sciences. 9 (1): 01-04.
7.	<b>M.M. Mahbub</b> , M. M. Rahman, M. S. Hossain, L. Nahar and B. J. Shirazy. 2016. Morphophysiological Variation in Soybean ( <i>Glycine max</i> (L.) Merrill). American-Eurasian Journal of Agricultural & Environmental Sciences, 16 (2): 234-238.
8.	<b>M. M. Mahbub</b> and B. J. Shirazy. 2016. Evaluation of Genetic Diversity in Different Genotypes of Soybean ( <i>Glycine max</i> (L.) Merrill). American Journal of Plant Biology. 1(1):

	24-29.
9.	M. R. A. Khan, <b>M. M. Mahbub</b> , M. A. Reza, B. J. Shirazy and F. Mahmud. 2016. Selection of Field Pea ( <i>Pisum sativum</i> L.) Genotypes through Multivariate Analysis. <i>Scientia Agriculturae</i> . 16 (3): 98-103.
10.	M. K. A. Bhuiyan, L. Nahar, <b>M. M. Mahbub</b> , R. Shultana, M. A. J. Mridha, M. A. Rahman and M. Kamruzzaman. 2016. Yield Response and Nitrogen Use Efficiency of Boro Rice Varieties as Affected by Different Methods Of USG and Prilled Urea Application. <i>Bangladesh Agron. J.</i> 2016, 19(1): 1-10.
11.	M. R. A. Khan, F. Mahmud, M. A. Reza, <b>M. M. Mahbub</b> , B. J. Shirazy and M. M. Rahman. 2017. Genetic Diversity, Correlation and Path Analysis for Yield and Yield Components of Pea ( <i>Pisum sativum</i> L.). <i>World Journal of Agricultural Sciences</i> . 13 (1): 11-16.
12.	M. R. A. Khan, <b>M. M. Mahbub</b> , M. A. Reza, B. J. Shirazy and F. Mahmud. 2017. Multivariate Analysis of Different Pea ( <i>Pisum sativum</i> L.) Genotypes. <i>Journal of Biomaterials</i> . 1(2): 25-28.
13.	B. J. Shirazy, <b>M. M. Mahbub</b> , T. A. Somee and S. Islam. 2017. Effect of Nitrogen Rates and Foliar Spray of Micronutrients on Growth and Yield of Sesame ( <i>Sesamum indicum</i> L.). <i>American Journal of Plant Biology</i> . 3 (1): 1-21.
14.	K. N. Mili, B. J. Shirazy and <b>M. M. Mahbub</b> . 2017. Screening of Soybean ( <i>Glycine max</i> L.) Genotypes through Multivariate Analysis. <i>Azarian Journal of Agriculture</i> . 4 (1): 1-6.
15.	<b>M. M. Mahbub</b> , B. J. Shirazy, M. M. M. Kabir and M. M. Rahman. 2017. Identification of Soybean Genotypes <i>Glycine Max</i> (L.) Merrill) through Genetic Variability Analysis. <i>Current Research in Agricultural Sciences</i> . 4 (3) : 68-74.
16.	<b>M. M. Mahbub</b> , M. G. Ali, M. A. J. Mridha and B. J. Shirazy. 2017. Farmers' Participatory Demonstration of Nitrogen Application Methods during T. Aman Season in Barisal Region of Bangladesh. <i>Haya: The Saudi Journal of Life Sciences</i> . 2 (2): 50-53.
17.	M. N. S. Begum, B. J. Shirazy, <b>M. M. Mahbub</b> and M. A. Siddiquee. 2017. Performance of Brinjal ( <i>Solanum melongena</i> ) Genotypes through Genetic Variability Analysis. <i>American Journal of Plant Biology</i> . 3 (1): 22-30.
18.	<b>M. M. Mahbub</b> , M. I. M. Akhand, M. K. A. Bhuiyan and B. J. Shirazy. 2017. Practice of Sustainable Rice Production by Weed Management. <i>Scholars Bulletin</i> . 3 (7): 292-296.
19.	K. N. Mili, B. J. Shirazy and <b>M. M. Mahbub</b> . 2017. Selection of Soybean Genotypes ( <i>Glycine max</i> (L.) Merrill) through Genetic Variability Analysis. <i>Haya: The Saudi Journal of Life Sciences</i> . 2 (3): 103-107.
20.	M. M. Mir Kabir, S. Afrin, <b>M. M. Mahbub</b> , S. Hosen, M. A. Aziz, M. A. Qayum, M. Ahmed and M. P. Ali. 2017. Optimum Transplanting Date Maximizes the Growth and Yield of Rice in Bangladesh. <i>Journal of Experimental Agriculture International</i> . 17(6): 1-9.
21.	<b>M. M. Mahbub</b> , M. K. A. Bhuiyan, M. M. Mir Kabir. 2017. Performance of Metsulfuron Methyl 10% + Chlorimuron Ethyl 2% WP against Annual Weed Inhibition in Transplanted Rice. <i>Haya: The Saudi Journal of Life Sciences</i> . 2(8):298-305.
22.	K. N. Mili, B. J. Shirazy, <b>M. M. Mahbub</b> . 2017. Evaluation of Genetic Diversity in Soybean ( <i>Glycine max</i> (L.) Merrill) Genotypes Based on Agronomic traits. <i>Scientia Agriculturae</i> . 20 (3): 92-98.
23.	M. K. A. Bhuiyan, <b>M. M. Mahbub</b> , L. Nahar, M. Z. I. Baki. 2017. Effect of Nitrogen Levels and Weed Management on Yield Performance of BRRI Hybrid Dhan3 Under AWD Irrigation System. <i>Bangladesh Agronomy Journal</i> . 20 (1): 13-24.
24.	M. K. A. Bhuiyan, <b>M. M. Mahbub</b> , M. Z. I. Baki. 2018. Sensitivity of Annual Weeds Against Metolachlor+Bensulfuron-Methyl Herbicide in Transplanted Rice. <i>Bangladesh Agronomy Journal</i> . 21 (1): 61-70.
25.	L. Nahar, A. B. S. Sarker, M. M. Mahbub, R. Akter. 2018. Effect of Crop Establishment Method and Nutrient Management on Yield and Yield Attributes of Short Duration T. Aman Rice. <i>Bangladesh Agronomy Journal</i> . 21 (1): 117-123.

26.	<b>M. M. Mahbub</b> , M. K. A. Bhuiyan. 2018. Performance of Bensulfuran Methyl 12% + Bispyribac Sodium 18% WP Against Annual Weeds in Transplanted Rice ( <i>Oryza Sativa</i> ) Cultivation in Bangladesh. <i>Scientia Agriculturae</i> . 21 (3): 85-92.
27	<b>M. M. Mahbub</b> , M. K. A. Bhuiyan. 2019. Performance of Quinclorac+ Fenoxaprop-P-Ethyl+ Pyrazosulfuron-Ethyl 70% WP against Annual Weeds of Transplanted Rice. <i>American-Eurasian Journal of Agricultural &amp; Environmental Sciences</i> . 19 (6): 439-447 2019.

	<b>List of Leaflet/Booklet: Total (4)</b>
1.	Integrated Rice -Fish Culture technology for changing the Fellow-Fellow-Rice cropping pattern at Gopalganj region of Bangladesh
2.	Agronomic Management of Jute- Transplanted Aman Rice Inter-cropping
3.	Utilization of Urea Super Granules in Southern region of Bangladesh (Pirojpur, Gopalganj and Bagerhat) for enhancement of rice production
4.	Integrated weed management for rice cultivation

**LANGUAGE PROFICIENCY:**

Good communication skill both in Bengali and English