

**CURRICULUM VITAE**  
**of**  
***Hafijur Rahaman***  
**Senior Scientific Officer**  
**Workshop Machinery and Maintenance Division**

**Personal Details:**

**Name** Hafijur Rahaman  
**Father's Name** Abdul Hannan  
**Mother's Name** Jahanara Begum  
**Spouse's Name** Nusrat Jahan Anee  
**Date of Birth** 10/04/1990  
**Place of Birth** Barisal  
**Permanent Address** Mollik Mension  
Kaunia Club Road  
Barisal  
**Present Address** Masranga-2  
BRRI, Gazipur  
**Telephone** 02-49272005-14 ext-614 (office)  
**Mobile** 01727413453  
**Email** [overahman14@gmail.com](mailto:overahman14@gmail.com); [hafizur.wmm@bri.gov.bd](mailto:hafizur.wmm@bri.gov.bd)  
**Nationality** Bangladeshi  
**National ID No.** 2847843543

**Educational Career**

<b>Degree/Diploma/Certificate</b>	<b>Grade</b>	<b>University/Institute or Board</b>	<b>Year</b>
M.S in Farm Power and Machinery	3.242 Out of 4.0	Bangladesh Agricultural University, Mymensingh	2018
B.Sc. Agril .Engg.	2.669 Out of 4.0	Bangladesh Agricultural University, Mymensingh	2013
H.S.C	4.80 Out of 5.0	Barishal	2007
S.S.C	4.75 Out of 5.0	Barishal	2005

**Field of Specialization:** Renewable Energy, Farm Mechanization and Postharvest Technology

## List of Training

Organization	Year	Duration		Name of Programme
		Months/ weeks	Days	
National Agriculture Training Academy, Gazipur-1701	2022		5	Modern Farm Mechanization
Bangladesh Rice Research Institute Gazipur-1701	2022		2	Public Service Innovation
Bangladesh Agricultural Research Council	2022		3	Use of Modern Farm Machinery for Ensuring Food Security
Bangladesh Rice Research Institute Gazipur-1701	2019		5	Agricultural Research Methodology
National Agriculture Training Academy, Gazipur-1701	2019		5	Disaster Management in Agriculture
Bangladesh Rice Research Institute (BRRI), Gazipur	2017		3	Experimental Design and Data Analysis Training Course
Bangladesh Rice Research Institute (BRRI), Gazipur	2017	-	5	Programming R for experimental design and data analysis
Bangladesh Agricultural Research Council	2016		5	Use of Farm Machinery and Efficient Irrigation System
Bangladesh Rice Research Institute (BRRI), Gazipur	2015	2	-	Two (2) months rice production training course

## Publications

### Full Paper

1. Hafjur Rahaman, Md. Mizanur Rahman, A. K. M. Saiful Islam, Md. Durrul Huda, Mohammad Kamruzzaman (2022). Mechanical Rice Transplanting in Bangladesh: Current Situation, Technical Challenges, and Future Approach. Journal of Biosystems Engineering. <https://doi.org/10.1007/s42853-022-00161-x>.

2. Hafijur Rahaman, Biraj Kumar Biswas, Md Mizanur Rahman, Md Mahir Shahriyar, Mosa Hosneara Begum, Abdul Mottalib (2022). Development and assessment of cost-benefit parameters of Solar Pv Powered Paddy Thresher. *GSC Advanced Research and Reviews*, 10(1), 053-063.
3. H Rahaman, BK Biswas, MA Hossain, MM Rahman, MM Shariyar (2021); Design and Development of Sola Power Operated Paddy Thresher. *Journal of Agriculture Engineering*. Vol. 44/AE Number 1, Page 67-71
4. H Rahaman, BK Biswas, MA Hossain, MM Rahman, MM Islam, MM Shariyar (2021); Present Status and Drawback of Selected Agricultural Machinery Manufacturing Workshops in Bangladesh: A Servey Based Case Study. *Journal of Agriculture Engineering*. Vol. 44/AE Number 1, Page 1-7
5. H Rahaman, MM Islam, MH Begum (2019); Present Status of Farm Mechanization in Selected areas of Bangladesh. *Journal of Agriculture Engineering*. Vol. 42/AE Number 4, Page 31-37
6. Md Mizanur Rahman, Faisal AlThobiani, Shamsuddin Shahid, Salvatore Gonario Pasquale Viridis, Mohammad Kamruzzaman, Hafijur Rahaman, Md Abdul Momin, Md Belal Hossain, Emad Ismat Ghandourah (2022). GIS and remote sensing-based multi-criteria analysis for delineation of groundwater potential zones: a case study for industrial zones in Bangladesh. *Sustainability*. Volume 14, Issue 11.
7. Md. Mizanur Rahman, Bidhan Chandra Nath, Subrata Paul, Md. Golam Kibria Bhuiyan, Md Panna Ali, Hafijur Rahaman, Md. Durrul Huda, Mohammad Abdur Rahman (2021). Design and Development of BRRRI Solar Powered Light Trap. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* ISSN: 2278-3075 (Online), Volume-11 Issue-2.
8. Md Anwar Hossen, Md Ruhul Amin Talukder, Muhammad Rashed Al Mamun, Hafijur Rahaman, Subrata Paul, Md. Mizanur Rahman, Md Miaruddin, Md Azhar Ali, Md Nurul Islam (2020). Mechanization status, promotional activities and government strategies of Thailand and Vietnam in comparison to Bangladesh. *AgriEngineering*, 2(4), 489-510.

## Abstract

- 1) H Rahaman, BK Biswas, MA Hossain, MM Rahman (2022); Design and Development of Battery Operated Small Size Reaper. 3<sup>rd</sup> Annual Paper Meet, AED, IEB, 17-19 Nov. 2022
- 2) M.A.Hossain, H. Rahaman, S. Paul, A.U.Khan (2022); Development of a Power Tiller Operated Safe Grain Cleaner. 3<sup>rd</sup> Annual Paper Meet, AED, IEB, 17-19 Nov. 2022
- 3) M.M. Rahman, M. Kamruzzaman, H. Rahman, M.D. Huda, M.M. Shahriyar, A.K.M.S. Islam (2022). Land Suitability Classification Mapping for Combined Harvesrer Through Blending of GIS and Machine Learning Approach. 3<sup>rd</sup> Annual Paper Meet, AED, IEB, 17-19 Nov. 2022
- 4) M.M. Ahmmed, M.Z. Abedin, M.S. Rahman, M. Kamruzzaman, H. Rahman, S. Paul, M.M. Rahman (2022). Development of Lightweight Building Blocks Using Expanded Polystyrene. 3<sup>rd</sup> Annual Paper Meet, AED, IEB, 17-19 Nov. 2022

