

CURRICULUM VITAE
OF
Md. Kamruzzaman



MAILING ADDRESS

Md. Kamruzzaman
Senior Scientific officer
Farm Machinery and Postharvest Technology Division
Bangladesh Rice Research Institute
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PERSONAL DETAILS

Name : Md. Kamruzzaman
Father's name : Md. Abul Hashim
Mother's name : Mina Parvin
Date of birth : 12th December, 1988
Place of birth : Mymensingh
Nationality : Bangladeshi (by birth)
Present Address : Senior Scientific Officer, Farm Machinery and Postharvest
Technology Division, Bangladesh Rice Research Institute,
Gazipur-1701.

Permanent address : Village- Darun Krishnapur, Post Office- Gouripur, Upazilla -
Gouripur, District-Mymensingh, Dhaka, Bangladesh

Marital status : married
Sex : Male
Blood Group : B (+)
Religion : Muslim(Islam)

EDUCATIONAL QUALIFICATION

Name of the Degree	Institution/University	Year of Passing	Division/Class/CGPA
Master of Agriculture in Food Security and Agricultural Development	Kyungpook National University, Daegu, South Korea	2017	4.30 on the scale of 4.30
Master of Science in Farm Power and Machinery	Bangladesh Agricultural University (BAU), Mymensingh	2013	3.002 on the scale of 4
Bachelor of Science in Agricultural Engineering	Bangladesh Agricultural University (BAU), Mymensingh	2010	3.013 on the scale of 4
H.S.C (Higher Secondary Certificate)	Cantonment Public School and College, Mymensingh	2005	4.40 on the scale of 5
S.S.C (Secondary School Certificate)	Mukul Niketan High School, Mymensingh	2003	4.44 on the scale of 5

MASTER OF ENGINEERING THESIS

- **Drying Characteristics and Milling Quality of Parboiled Japonica Rice Under Various Drying Conditions, Department of Food Security and Agricultural Development, Kyungpook National University, Daegu, South Korea.**
- Carried out six Credit thesis work under the guidance of Prof. Dr. Md. Abdul Awal, Department of Farm Power and Machinery, Bangladesh Agricultural University (BAU), Mymensingh entitle ‘**Seedling Raising Technique for Mechanical Rice Transplanter**’.

List of Publications

- **M. D. Kamruzzaman**, Daniel Dooyum Uyeh, IK Joo Jang, Seung Min Woo, Yu Shin Ha. Drying characteristics and milling quality of parboiled Japonica rice under various drying conditions. **International Journal of Engineering in Agriculture, Environment and Food Volume 10, Issue 4, Available online October 2017, Pages 292-297 Published by Elsevier B. V.**
- **Kamruzzaman M**, Awal MA, Hossen MA, Paul S, Nath BC, Islam MA. Protection of Seedling in tray for Mechanical Rice Transplanting from Effect of Cold Weather Using Polythene Shed. **Bangladesh Journal of Progressive Science & Technology (BJPST). BJPST: 12(1):005-010 [January 2014]. ISSN: 2305-1809 (Online version)**
- Liuyang Shen, Yong Zhu, Chenghai Liu, Lei Wang, Hui Liu, **Md. Kamruzzaman**, Xianzhe Zheng. **Modelling of moving drying process and analysis of drying characteristics for germinated brown rice under continuous microwave drying.** July 2020. Biosystems Engineering 195:64-88 DOI: 10.1016/j.biosystemseng.2020.05.002.
- Liuyang Shen, Ming Gao, Yong Zhu, Chenghai Liu, Lei Wang, **Md. Kamruzzaman**, Chai Liu, Xianzhe Zheng. **Microwave drying of germinated brown rice: Correlation of drying characteristics with the final quality.** March 2021 Innovative Food Science & Emerging Technologies 70(10):102673 DOI: 10.1016/j.ifset.2021.102673
- Md. Anwar Hossen, **Md. Kamruzzaman**, Sharmin Islam, Haimonti Paul, Md. Mahir Shahriyar, Arafat Ullah Khan. **Determination of Optimum Seed Rate of Hybrid Rice (Oryza sativa L.) Varieties in Mat-Type Seedling Raising for Mechanical Transplanting** January 2022 Agricultural Sciences 13(10):1031-1047 DOI: 10.4236/as.2022.1310063
- Subrata Paul, Mohammad Abdur Rahman, Bidhan Chandra Nath, Md. Anwar Hossen, Akm Saiful Islam, Mohammad Kamruzzaman, **Md Kamruzzaman. Design and Development of a prilled urea applicator.** January 2021. Agricultural Sciences 12(05):530-548, DOI 10.4236/as.2021125034
- M A Hossen, M A Rahman, **M K Zaman** and M M Islam. **Field Evaluation of BRRI USG Applicator in Dry and Wet Season of Rice Cultivation. (Bangladesh Rice Journal ISSN 1025-7330, Vol. 20, December 2016)**

- Subrata Paul, **M Kamruzzaman**, MIM Akhand, R Barua, N Parvin and S Hosen. **Pollution Scenario and Possible Remedial Measures of Buriganga River of Bangladesh. Eco-friendly Agril. J. 6(12): 257-264, 2013 (December).**
- A B M J Islam, **M Kamruzzaman**, M Iqbal, M A Momin and M A Hossain. **Effect of Spacing on the growth and yield of Indian Spinach (BASELLA ALBA L)**
- MS Islam MM Rashid E Hossain MSI Mamin **M Kamruzzaman** and MA Hossen **Comparative study of BRRI dhan41 and local variety Rajshahi under direct wet seeded method at coastal char land of Bangladesh. Eco-friendly Agril. J. 9 (12):88-92, 2016 (December)**
- Hossen MA, Saiful Islam AKM, **Zaman MK**, Khatun A, Alam MA and Bhuiyan MKA **Mechanical Deep-placement of Urea Fertilizer with a Prilled Urea Applicator Saved Fertilizer and Increased Yield for Long Duration Wet Land Rice Variety (BJPST: 15(2): 025-030 [July, 2017] ISSN: 2305-1809 (Online version)**
- MM Islam, MA Hossen, **MK Zaman**, MZ Hasan, and MGK Bhuiyan (2019). **Development of potato storage facility using evaporative cooling method for small farm household in Bangladesh.** Journal of Agricultural Engineering, The Institution of Engineers Bangladesh, VOL.42/AE Number 4, December, 2019, Page-39-43.
- Hossen, M. A., Bhuiyan, M. G. K., Rahman, M. M., **Zaman M. K.**, Islam M. M. and Rahman M. A (2020). **Development of mixed fertilizer deep placement technology into soil simultaneously with mechanical rice seedling transplanting.** J. Sci. Technol. Environ. Inform. 09(02): 649-664 | Hossen et al. (2020) EISSN: 2409-7632, Journal home: www.journalbinet.com Crossref: <https://doi.org/10.18801/jstei.090220.66>.
- Md. Anwar Hossen, **Md. Kamruzzam**, Md. Monirul Islam, Mohammad A Rahman, Md. Shahjahan Kabir (2019). **Fertilizers application simultaneously with mechanical rice transplanting in Bangladesh.** AgricEngInt: CIGR Journal Open access at <http://www.cigrjournal.org>. Vol. 21, No. 4.
- MA Hossen, **MK Zaman**, MM Islam and AKMS Islam (2019). **Incorporation of prilled urea deep placement mechanism in the mechanical rice transplanter.** The Institution of Engineers Bangladesh, VOL.42/AE Number 3, November, Page: 51-61.
- MA Hossen, MM Islam, M Uddin, RA Emon, and **M Kamruzzaman** (2019). **Design and development of a manual paddy seedling machine for mat type seedling raising.** Journal of Agricultural Engineering, The Institution of Engineers Bangladesh, VOL.42/AE Number 4, December, 2019, Page: 45-53.
- MA Hossen, MD Huda, **MK Zaman**, MM Islam and S Aktar (2018). **Validation of walking and riding type rice transplanter in different location of Bangladesh.** Eco-friendly Agril. J. 11 (04):43-59, 2018 (April). www.efaj-international.com

Participation in National/ International seminars & Conference

A) Participation in Conference and Symposium (Foreign)

Sl. No.	Title	From-To	Duration	Country
1	Seminar for Agricultural Machinery Officials from Countries along the Belt and Road in 2017	06.09.2017- 26.09.2017	21 Days	China
2	Autumn Conference on Korean Society for Agricultural Machinery	29.10.2015-30.10.2015	02 Days	South Korea
3	Spring Conference on Korean Society for Agricultural Machinery	28.04.2014 – 29.04.2016	02Days	South Korea
4	Autumn Conference on Korean Society for Agricultural Machinery	02.11.2016- 03.11.2016	02 Days	South Korea
5	International Symposium on Globalization Strategies of Agricultural Machinery for Foreign Market	11/11/2016	01 Day	South Korea

B). Seminars in Country

I have participated in weekly (Thursday) seminars of Bangladesh Rice Research Institute (BRRI) from my joining at Farm Machinery and Post-Harvest Technology Division in BRRI.

PERSONAL SKILL AND COMPETENCE

Language proficiency:

Mother tongue: Bengali

Other language: English

Social and organizational skill and competence:

1. Korean Internarial Cooperation Agency (KOICA)
2. Member, Institution of Engineers, Bangladesh (**IEB**);
3. Member, Bangladesh Society of Agricultural Engineers (**BSAE**);
4. Krishibid Institution, Bangladesh (KIB).;
5. Bangladesh Rice Research Institute Scientist's Association (BRRISA)
6. BRRI Officer's club

Computer skill and competence:

1. Competent in Microsoft Operating Systems and Microsoft Office package
2. Familiar software: Operating software Windows-7, Windows-98, Windows-XP and Arc view (GIS),
3. Basic Knowledge on Hardware and competent in using internet
4. AutoCAD Engineering drawing tools and CADRA Engineering drawing tools

PROJECT WORKS

1) DRCB Project

Improvement and executed the project entitled **Development of Research Capacity of the Bangladesh Rice Research Institute**. The project was executed in BRRI research field and funded by KOICA

2) DUART project

Executed the project entitled **Development and Validation of USG Applicator and Rice Transplanter**. The project was

executed in Habigonj, Kustia, Netrokona and Rajshahi district and funded by BARC.

3) FMTD project

Improvement and executed the project entitled Farm Machinery Technology Development and Dissemination. The project was executed in twelve districts and funded by GOB.

4) IAPP

Executing the project entitled Integrated Agriculture Productivity Project. The project was executing in Barisal & Rangpur region.

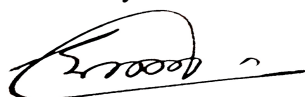
5) PGBIADP

Executing the project entitled Pirojpur- Gopalganj- Bagerhat Integrated Agriculture Development Project. The project was executing in Pirojpur-Gopalganj-Bagerhat district and funded by GOB.

TRAINING COURSES COMPLETED (In Country)

Organization	Year	Duration		Name of Programme
		Months	Days	
Bangladesh Agricultural Research Institute (BARI)	2014	-	4	Use of Farm Machinery and Efficient Irrigation System Management
Bangladesh Rice Research Institute (BRRI)	2013	-	7	Advanced Training on Drawing and Design of Agricultural Equipment by AutoCAD
Bangladesh Rice Research Institute (BRRI)	2013	-	3	Training on Operation of Laboratory Equipment
Bangladesh Rice Research Institute (BRRI)	2013	-	4	Engineering Drawing and Design of small Equipment by AutoCAD Tools
Bangladesh Agricultural Research Institute (BARI)	2012	-	5	Training Course on Agricultural Engineering Technology
Bangladesh Rice Research Institute	2011	-	7	One week Rice Production Training Course
Graduate Training Institute	2010	-	12	Basis of MS office

Sincerely



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