

Curriculum Vitae



Personal information

Surname(s) / First name(s) **Mohammad Kamruzzaman**
Address(es) Farm Machinery and Postharvest Technology Division
Bangladesh Rice Research Institute
Gazipur-1701
Bangladesh
Telephone(s) +880 2 9257401-5 Ext.407 Mobile: +8801776422808
Fax(es) 880 2 9261110
E-mail milonbri@yahoo.com
No. of Passport OC 2057912
Nationality Bangladeshi by birth
Date of birth 1 November 1976
Family status Married
Gender Male

Work experience

Dates 26 December 2012 to dates
Occupation or position held Senior Scientific Officer
Farm Machinery Technology Development, Resource Conserving Technology development and Dissemination. Renewable Energy Resources Development & Utilization and Adoption
Main activities and responsibilities of Appropriate Agricultural Machinery.

Name and address of employer Director General
Bangladesh Rice Research Institute (BRRI)
Gazipur-1701, Bangladesh

Type of business or sector Research and Training

Dates 24 June 2004 to 25 December 2012

Occupation or position held Scientific Officer(Agricultural Engineer)
Farm Machinery Technology Development, Resource Conserving Technology development and Dissemination. Renewable Energy Resources Development & Utilization and Adoption
Main activities and responsibilities of Appropriate Agricultural Machinery.

Name and address of employer Director General
Bangladesh Rice Research Institute (BRRI)
Gazipur-1701, Bangladesh

Type of business or sector Research and Training

Additional Work Experience

Dates 1 January 2012 to dates

National Project coordinator

Occupation or position held "Farm Machinery Technology Development and Dissemination Project"

Main activities and responsibilities Development and adoption of appropriate agricultural machinery

Education

Dates 2011

Title of qualification awarded MSc in Mechanical Engineering
 Result awarded CGPA 3.88 out of 4
 Principal subjects/occupational skills covered Convective Heat Transfer, Renewable energy, Advanced Mathematics, Boiling and Condensation Heat Transfer, Inviscid Fluid Flow, Bio-energy
 Thesis Title Investigation of Physical and Thermochemical Characterization of Biomass Fuels from Local Agricultural Residues
 Name and type of organization providing education Islamic University of Technology (IUT), Board Bazer, Gazipur, Bangladesh

Dates 1998 (Exam held in 2001)

Title of qualification awarded BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING
 Result awarded Second Class
 Principal subjects/occupational skills covered Physics, Chemistry, Mathematics, Engineering Drawing,, Engg. Mechanics. & Kinetics, Engineering Materials & Estimation, Computer Science, Engineering analysis, Thermodynamics, Elect. Engg. & Electronics, Agril. Mach. & Power Sources, Mechanization. & Engg. Management, Elect. Mach. & Rural Electrification, Agril. Mach. Design & Analysis, Refrigeration- A/C & Process Engg, Fluid Mech. & Hydro, Agril. Statistics, Elementary Economics, Strength of Material & Theory. of Structure, Irrigation & Drainage Engg., Soil Mech. & Foundation Engg., Soil & Water Conservation. Engg., Agril. Meteo. & Hydrology, Surveying, Design of Concrete Structures Hydro. Mach. & Irr. Structure Ground Water & Wells, Fundamental of Food Engg, Food Plant Engineering, Food Process Engg & Quality Control

Name and type of organisation providing education Bangladesh Agricultural University, Mymensingh

Dates 1994

Title of qualification awarded HIGHER SECONDARY CERTIFICATE (HSC)
 Result awarded First Division
 Principal subjects/occupational skills covered i) Bengali ii) English iii) Physics
 iv) Chemistry v) Mathematics vi) Biology
 Name and type of organisation providing education Govt. Rajendra College, Faridpur

1992

Dates

Title of qualification awarded SECONDARY SCHOOL CERTIFICATE (SSC)
 awarded

Result awarded First Division
 Principal subjects/occupational skills covered i) Bengali ii) English iii) Gen. Mathematics
 iv) Geography v) Gen. Science vi) Religious Edu.
 vii) Elective Mathematics

Name and type of organisation providing education Shibchar Nanda Kumar Institution, Madaripur

Self-assessment	Understanding		Speaking		Writing
	Listening	Reading			
Bengla	4	4	4	4	4
English	3	4	3	3	3

4: fluently/mother tongue 3: good 2: sufficient 1: basic

Training (Foreign)	
Title of the training	Rice Transplanting Mechanization Technology and Maintenance of
Title of qualification awarded	Harvester Completed
Principal subjects/occupational skills covered	The training covered the development of mechanized technology for rice production with a special emphasis on the mechanization of seedling raising technique and transplanting of paddy, harvesting and threshing by head feed and whole feed combine harvester and its maintenance, rice milling and processing technology and plant protection technology in China and also the overall scenario in Guangdong province.
Length of the Course	14 days (15.11.08 to 29.11.08)
Country name and type of organization providing training	Sponsored by Ministry of Agriculture, Peoples Republic of China and organized by Agricultural Machinery Extension Centre of Guangdong Province, China
Training (In country)	
Title of the training	1-Month Rice Production Training
Title of qualification awarded	Distinction
Principal subjects/occupational skills covered	All fields rice production technology
Length of the Course	30 days (27.07.08 to 25.08.08)
Name and type of organisation providing education and training	Bangladesh Rice Research Institute, Gazipur-1701, Bangladesh
Social skills and competences	Central advisor of "BADHAN" A voluntary Blood Donor's Organization. (www.badhan.org). In course of time and mass support from the fellow members and activities, it is of course now among the leading humanitarian organization in Bangladesh
Organizational skills and competences	Executive Director of International Network for Research Information (INRI net)(www.inri-net.org) – A network based voluntary organization Executive Editor of International Journal of BioResearch (ISSN 1819-8783): This journal monthly published in English. Original research papers and review articles related to agricultural and biological science are published in this journal.
Technical skills and competences	Member of BRR I Technical Committee: To specify and verification of tender documents of the laboratory equipment, computer and any other electric and electrical instrument
Computer skills and competences	PROGRAMMING i) FORTRAN 77 STATISTICAL ANALYSIS i) MSTAT C WORD PROCESSING i) MS Word 97/XP GRAPHICAL ii) Excel 5.0/7.0/97/XP SPREAD SHEET i) Excel 5.0/7.0/97/XP OPERATING SYSTEM i) Windows 95/98/2000/XP

Publications *Published full paper as principal author*

1. **M Kamruzzaman**, AKM S Islam, MA Rahman and TK Sarkar.2012.Effect of Field Drying On Head Rice Recovery and Grain Breakage of Aromatic Rice. Intl. J. BioRes. 12(1):36-39
2. **M Kamruzzaman** and AKM Sadrul Islam.2011.Physical and Thermochemical Properties of Rice Husk In Bangladesh. Intl. J. BioRes. 11(6):45-49
3. **M Kamruzzaman** and M A Mannan (2009) Scope of mechanization in rice cultivation: A case study in a village "Joshpur" under comilla district of Bangladesh Intl.J.BioRes.7(1):1-6
4. **M Kamruzzaman** ,MM Hossain, MA Hossen and TK Sarker (2008) Performance study of rice husk briquette machine: A case study in Muktagacha of Mymensingh district, Bangladesh.Intl.J.BioRes.5(1):7-11

Published full paper as Co-author:

1. TK Sarkar, AKM Saiful Islam, MA Rahman and **M Kamruzzaman**.2012.Evaluation of the Versatile Multi-Crop Planter (Vmp) To Establishment Chickpea Under Different Tillage Practices In Drought Area Of Bangladesh Intl. J. BioRes. 12(1):31-35
2. SM M Rahman, Sudip K. Rakshit, Wolfgang Bergthaller, Didier Montet, **M Kamruzzaman**, ATM Z Raihan. 2009.Performance Evaluation of Hydro cyclone for Purification of Sweet Potato Starch. Intl. J. BioRes. 7(5):84-90
3. M Ahiduzzaman, M A Baqui, **M Kamruzzaman** and N dasgupta .2008. Prospects of rice husk briquette fuel in Bangladesh. Journal of Agricultural Engineering. The Institutions of Engineers, Bangladesh, Vol 35/AE
4. MA Hossen, MJ Alam, G Mowla, **M Kamruzzaman**, BC Nath.2008.Multipurpose use of RDA developed low-cost deep tube-well. Intl.J.BioRes.5(1)12-16
5. MAB Siddique, **M Kamruzzaman**, MS Islam, MA Salam .2008. Conduct and performance of rice processing mills in some selected areas of Bangladesh. Intl.J.BioRes. 4(6)1-5
6. MM Alam, MA Momin, AA Begum, MM Haque and **M Kamruzzaman**.2008. Selection of spike spacing and cylinder speed of closed drum thresher for wheat. Intl.J.BioRes.5(3):5-11
7. D Islam, GA Chowdhury, LR Khan, MMI Chowdhury and **M Kamruzzaman**.2007.Irrigation suitability of surface water within the polder area of Bhola sadar thana. Intl.J. BioRes. 3(5):42-49
8. D Islam, MM Rahman, AKM Adham , MMI CHowdhury and **M Kamruzzaman** .2007. Rainfall pattern and probability analysis for crop planning at Rajshahi region of Bangladesh Intl. J. BioRes. 3(6):12-17
9. BL Nag, MS Hossain, MM Howlader, MZ Rahman, MJ Alam and **M Kamruzzaman**.2006.Stud y on the effect of tillage and number of weeding on the yield and yield attributes of cowpea. Intl. J. BioRes. 1(3):28-33