CURRICULUM VITAE OF

Md. Abdul Qayum
Senior Scientific Officer
Agricultural Statistics Division
Bangladesh Rice Research Institute (BRRI)
Gazipur-1701, Bangladesh
E-mail: aqstat.ru@gmail.com, aqayum.stat@brri.gov.bd
Cell: +8801534986392, +8801740341701

Research Interest:

- Experimental Design and Data Analysis
- Descriptive Statistics
- Modeling and Forecasting (Agricultural Production and Environmental Factor)
- Frequency Domain Analysis
- Multivariate Data Analysis
- Bioinformatics

Personal Details:

Name	Md. Abdul Qayum
Father's Name	Md. Abdul Kader Molla
Mother's Name	Late Kohinoor Begum
Permanent Address	House No. : 12, Road No. : 76 Vill. : West Nageshwari (Biddut Para) P.O. : Nageshwari-5660, P.S: Nageshwari Dist.: Kurigram, Bangladesh
Present Address	Agricultural Statistics Division Bangladesh Rice Research Institute (BRRI) Joydebpur, Gazipur-1701, Bangladesh
E-mail	aqstat@yahoo.com , aqstat.ru@gmail.com
Mobile Number /Cell	+8801534986392, +8801740341701
Telephone No	+88024927005-14 Ext. 606 (Office)
Date of Birth	01 July 1985
Date of joining at BRRI	26 July 2015
Date of joining at present position	26 July 2015
Nationality	Bangladeshi (By Birth)
National ID card No.	19854926106300499
Passport No.	BP 0109299
Marital Status	Married
Religion	Islam (Sunni)
Sex	Male
Height	5' 6"
Blood Group	A^{+}

Computer Literacy:

- Familiar with MS Word, MS Excel and MS Power Point
- Programming Language: FORTRAN77, C/C++, and R, HTML, PHP, Javascript
- Package Program: SPSS, Maple, EViews, Minitab, CropStat, PBTools and STAR
- Others: E-Mail & Internet Browsing

Educational Qualification:

Name of Examination	Board/University	Examination year	Division/Class (Marks Obtain)	Group/ Subject
S.S.C	Rajshahi	2000	First Division (69.5%)	Science
H.S.C	Rajshahi	2002	Second Division (57.4%)	Science
B.Sc(Hons)	Rajshahi University	2007 (held 2008)	First Class (2nd) (67.3%)	Statistics
M. Sc[*](Thesis)	Rajshahi University	2008 (held 2009)	First Class (6th) (65.1%)	Statistics
M.Phil[**](Cont.)	Rajshahi University	Complete Task: Course Work and Seminar		

[*] **M. Sc Thesis Title:** Testing long-run neutrality of money in Bangladesh economy

[**] **M. Phil Thesis Title:** Performance of Models in Time and Frequency Domains for Forecasting Climatic Variables

Language:

- Bengali – Native Language
- English – Medium of instruction
- Arabic- Reading & Writing
- Urdu- Reading & Speaking

Additional qualification:

Teaching Experience: I had served as a Lecturer of School of Business in UITS Rajshahi campus from 1 January 2010 to 30 April 2015.

    Courses Taught:

    Introduction to Statistics, Business Statistics, Mathematics-I, Business Mathematics, Research Methodology for Business and Marketing Research

Publications:

Aziz, M.A., Hossain, A.B.M.Z., Moniruzzaman, M., Ahmed, R., Zahan, T., Azim, S., **Qayum,M.A.**, Mamun, M.A.A., Kader, M.A. & N. M. F. Rahman (2021): "Mapping of Agricultural Drought in Bangladesh using Geographic Information System (GIS)", *Earth Systems and Environment*, https://doi.org/10.1007/s41748-021-00231-8

Qayum, M. A., Hossain, M. I., Rahman, N. M. F., Aziz, M. A., Al Mamun, M. A., Ahmed, R., and Kabir, M. S. (2020): "Region specific BRRI variety adoption: A simple way of increasing national production", *International Journal of Statistical Sciences*, Vol. 20(1), pp123–138

Joya, S.D., Sultana, S., Ferdous, J., **Qayum, M.A.** and Hoque, M.E. (2019): "Response to Callus Induction and Regeneration of Newly Released BRRI Rice Varieties". *Bangladesh Rice Journal*, *23*(2), pp.17-25.

Rahman, N. M. F., Mamun, M. A. A., Ahmed, R., Hossain, M. I., **Qayum, M. A**., Aziz, M. A. & Kabir, M. S. (2018). Stability and Adaptability Analysis of BRRI Developed Aus Varieties in Different Locations of Bangladesh. *Bangladesh Rice Journal*, *22*(1), 65-72.

Alam M. Z., A. Eva, M. Haque, J. Halsey and **M. A. Qayum** (2018): "Air Pollutants and Their Possible Health Effects at Different Locations in Dhaka City", Int J Environ Sci Nat Res. 2018; 9(4): 555768. DOI: 10.19080/IJESNR.2018.09.555768

Al-Mamun A, Rahman MNF, Aziz MA, **Qayum MA**, Hossain MI, Nihad SAI and MS Kabir (2018): "Identification of Meteorological Drought Prone Area in Bangladesh using Standardized Precipitation Index", *Journal of Earth Science & Climatic Change*, 9(3), 457, doi: 10.4172/2157-7617.1000457

Alam, M.Z., Carpenter-Boggs, L., Rahmana, A., Haquea, M.M., Miah, M.R.U., Moniruzzam, M., **Qayum, M. A.**, Abdullah, H.M. (2017): "Water quality and resident perceptions of declining ecosystem services at Shitalakka wetland in Narayanganj city". *Sustainability of Water Quality and Ecology*, http://dx.doi.org/10.1016/j.swaqe.2017.03.002

M. M. Mir Kabir, S. Afrin, M. M. Mahbub, 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", *Journal of Experimental Agriculture International*, 17(6): xxx-xxx, 2017; Article no.JEAI.36106

Kabir, M.R. and **Qayum, M. A.** (2016): "CSR Expenditure and Bank's Financial Performance: A Comparative Study on Islamic Banks of Bangladesh", *International Scholar Journal of Accounting and Finance*, Volume-2, No.2 (2016) 1-12. Available at SSRN: https://ssrn.com/abstract=2844216

M. A. Qayum and M. J. Rahman (2014): "Periodicity analysis of some climatic variables in Rajshahi using Fourier Transformation Technique", *Rajshahi University Journal of Environmental Science*, Vol. 3, page 33-40

M. J. Rahman and **M. A. Qayum** (2013): "Testing the hypothesis of long-run neutrality of money in Bangladesh", *International Journal of Statistical Sciences*, Vol.13, pp39–54

Kabir M R, **M A Qayum** and M R Islam (2013) "Efficiency in Deposit Management of Islami Bank Bangladesh Ltd and Pubali Bank Ltd: A Comparative Study". *ASA University Review*, Vol. 7, No. 1, page 209-222

Conferences Paper:

Shampa Das Joya, Shahanaz Sultana, Jannatul Ferdous, **Md. Abdul Qayum** and M Enamul Hoque, "Varietal response to callus induction and regeneration of newly released BRRI rice varieties", *The 9th International Plant Tissue Culture and Biotechnology Conference 2019* held on February 8-10, 2020 at the Department of Botany, University of Dhaka, Dhaka-1000, Bangladesh

M A Qayum, Md. Ismail Hossain, Niaz Md. Farhat Rahman, Md. Abdullah Aziz, Md. Abdullah Al Mamun, Rokib Ahmed and Md. Shajahan Kabir **"**Region specific BRRI variety adoption: A simple way of increasing national production", *The 7th international conference on **Data Science and SDGs: Challenges, Opportunities and***

Realities, 18 to 19 December 2019 at Department of Statistics, University of Rajshahi, Rajshahi-6205, Bangladesh

Aziz, M.A., Hossain, M. I., Ahmed, R., Rahman, N.M.F., Qayum M.A. & Mamun, M. A. A,. (2019). Edaphic Suitability Mapping of BRRI dhan50 and BRRI dhan72. 7th Int. Conf. on Data Science & SDGs, Dept. of Statistics, RU.

Mamun, M.A. A., Hossain, M.I., Kabir, M.S., Rahman, N.M.F., **Qayum, M. A.**, Aziz, M.A. and Ahmed, R. (2019). GGE biplot and Stability Analysis for Yield Performance of Rice Genotypes across Different Environments in Bangladesh. 7th Int. Conf. on Data Science & SDGs, Dept. of Statistics, RU.

M J Rahman and **M A Qayum,** "Testing long-run neutrality of money in Bangladesh economy", *The first international conference for theory and application of statistics*, 26 to 28 December 2010 in Dhaka University (DUSDAA), Bangladesh

Kabir M R, **M A Qayum** and M R Islam, **"**Comparative efficiency of deposit management of Islami Bank Bangladesh Ltd. and Pubali Bank Ltd", *"Seminar on Managing Business on the Changing World*, 19 September 2012 in Sylhet International University, Bangladesh

Workshop and Training:

Organization	Year	Duration		Name of Programme
		Mos.	Days	
Bangladesh Rice Research Institute	14-24 January 2020		Eleven	*Application of Bioinformatics in Rice Improvement*
Bangladesh Rice Research Institute	28 December 2019 to 2 January 2020	-	Five	*Rice Physiological Development Through Trait Discovery Training Course*
Bangladesh Rice Research Institute	22-26 December 2019	-	Five	*Agricultural Research Methodology Training Course*
Bangladesh Agricultural Research Council	19-21 March, 2019	-	Three	*Bioinformatics for Sustainable Development in Agriculture*
eGL Singapore and ICT Division, Ministry of ICT	04-06 March, 2019	-	Three	*Data Analytics for Public Service Specialists*
Bangladesh Rice Research Institute	07, May 2018	-	One	*Statistical approach to genetic gain assessment using R/ASREML packages*
Bangladesh Rice Research Institute	13-14, Dec/2017	-	Two	*6th National Workshop on "Bioinformatics for Sustainable Development in Agriculture, Health and Environment"*
Bangladesh Rice Research Institute	05, Dec 2017	-	One	*Hands-on Training on 'P-rep Design'*

International Rice Research Institute	15-19, May-2017	-	Five	*Hands-on training on experimental design and data analysis*
International Rice Research Institute	9-12, May-2017	-	Four	*Design and Analysis of Breeding Trials using Plant Breeding Tools (PBTools)*
Bangladesh Rice Research Institute	Sep-Oct, 2015	Two	-	*Two-month Rice Production Training Course*
Bangladesh Technical Education Board, Dhaka	Jul-Dec, 2013	Six	-	*Graphics Design and Multimedia Programming*
Department of Statistics, University of Rajshahi	Sep.-2012	-	Two	*Workshop on Optimization*
Department of Statistics, University of Rajshahi	July-2012	-	Two	*Workshop on Environmental Analysis under Climate Change*
Department of Statistics, University of Rajshahi	May-2012	-	Two	*Workshop on Digital Signal and Image Processing*
Department of Statistics, University of Rajshahi	Nov.-2011	-	Two	*Training on Mathematics: Multivariate Calculus for Machine Learning*
Department of Statistics, University of Rajshahi	Sep.-2011	-	Two	*Probability Theory and Applications in Machine Learning*
Department of Statistics, University of Rajshahi	July-2011	-	Three	*Calculus I for Machine Learning*

References:

Professor Dr. Md. Jahanur Rahman
Department of Statistics
University of Rajshahi
Rajshahi-6205, Bangladesh
Cell   : +8801915 689855
Phone : (0721) 711122 office
Fax   : +88-0721-750194
E-mail: jahanurmj@gmail.com
jahan.stat@ru.ac.bd

Dr. Md. Shahjahan Kabir
Director General
Bangladesh Rice Research Institute
Gazipur-1701, Bangladesh
Cell   : 01712280083
Phone: 9263930 (Off.) 9252664(Res.)
Fax: 88-02-9261110
E-mail: kabir.stat@gmail.com;
dg@brri.gov.bd