

RESUME

1. Name : **Dr. MD. SHAFIQL ISLAM**
 2. Father's name : Md. Golzer Hossain Molla
 3. Mother's name : Mrs. Rabeya Khatun
 4. Permanent address : Vill.- Piadaha, P.O- Jorgacha
 Upazila- Santhia, District- Pabna.



5. Mailing address : Dr. Md. Shafiqul Islam
 Principal Scientific Officer
 Hybrid Rice Division
 Bangladesh Rice Research Institute
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6. Date of birth : December 04, 1972

7. Civil status : Male & Married

8. Nationality : Bangladeshi (By Birth)

9. Religion : Islam (Sunni)

10. Educational Qualification :

SL	Degree received	Course of studies	Year of passing	Division/Class	Board/University
I.	PhD	Research Methodology, Plant tissue culture, Plant Biotechnology I & II	2009 (December)	Awarded	University of Rajshahi, Bangladesh
II.	MS in Horticulture	Horticulture Research Methodology, Advanced pomology I&II Advance Oleiculture I&II, Homestead Forestry, Homestead Seed physiology ornamental and land scope Horticulture, Spices & plantation crops.	2000 (June)	Upper 2 nd Class	Bangladesh Agricultural University
III.	B.Sc.Ag	Agronomy, Horticulture, Plant pathology, Soil science, Entomology, Genetic & pant breeding, Agrichemistry, Agri Economics, Sociology, Biochemistry, Farm mechanics & Animal Husbandary.	1993 (held in 1997)	2 nd Class	Bangladesh Agricultural University
IV.	H.S.C	Science	1989	1 st Division	Rajshahi
V.	S.S.C	Science	1987	1 st Division	Rajshahi

MS Thesis title: “Cabbage Production with Irrigation and Mulching in Different Planting Times”

PhD Thesis title: “Breeding Studies on Sugarcane Using Biotechnological Approaches”

List of Publications:

M.S. Islam, K.M. Nasir uddin, G.M.A. Jalil and M.H.Akand, 2000. Cabbage production with irrigation and mulching in different planting times. Journal of Agricultural Education and Technology 3 (1&2):13-20.

M.S. Islam, S.U. Ahmed, M.M. Hossain and S. Chowdhury 2002. Effect of Mulch and Bulb Size on Growth of Onion (*Allium cepa* L.) Pakistan Journal of Biological Sciences 5(6):648-650.

M.S. Islam, S.U. Ahmed and M.M. Hossain 2003. Effect of mulch and size of seed bulb on yield of onion. Bangladesh J.Seed Sci. & Tech. 7(1&2): 105-109.

U.Kumar, **M.S. Islam**, K. Mahmud and M.G. Rabbani 2004. Effect of different levels of nitrogen on the growth and yield of five sweet potato varieties. J.agric.educ.technol 7(1&2):94-100.

U.Kumar, **M.S. Islam**, K. Mahmud and M.G. Rabbani 2005. Consumers preference and storage behaviour of five sweet potato varieties at different levels of nitrogen. J.agric.educ.technol. 8(1&2):77-80.

M.S. Islam, K.M. Nasir uddin, M.O. Ali, S.M. Hasanuzzman and Shahir-ur-zaman 2007. A comparative economic analysis at different planting times with irrigation and mulching of cabbage production. J.innov.dev.strategy 1(1):41-44.

M.S. Islam, M.A. Sattar, K.M. Rahman and M.A. Baten 2008. Dynamics of the jamuna riverbank erosion on human life and environment at shahjadpur upazila of sirajganj. Bangladesh J.Environ.Sci.Vol. 15, 175-180.

M.S.Islam, A.K.M.R.Islam and M.A. Hossain 2010. Micro propagation of Six Sugarcane (*Saccharum officinarum*) varieties from Callus Culture. Eco-Friendly agril.J.3(8):394-396.

M.S.Islam, A.K.M.R.Islam and M.A. Hossain 2010. *In vitro* Shoot Culture of Six Sugarcane (*Saccharum officinarum*) varieties. Eco-Friendly agril.J.3(8):389-393.

M.S.Islam, A.K.MR.Islam and M.A. Hossain 2009. *In Vitro* Regeneration of Plantlets of Six Sugarcane (*Saccharum officinarum*) Varieties. Eco-Friendly agril.J.3(9):397-400.

- M.S.Islam**, A.K.M.R.Islam and M.A. Hossain 2010. Field Evaluation in qualitative characters of six sugarcane varieties and their somaclones. *Eco-Friendly agril.J.3(9):401-407.*
- M.S.Islam**, A.K.M.R.Islam and M.A. Hossain 2010. Field performance in stalk characters of six sugarcane varieties and their somaclones. *Eco-Friendly agril.J.3(9):408-416.*
- M.S.Islam**, A.S.M. Masduzzaman, M.L. Hossain & M. Salim 2010. Effect of nitrogen and Sulphur on the growth of sunflower. *Intl. J.BioRes. 9(6): 18-27.*
- M.S.Hossain, M. Ayub Ali, M.A. Khan, M.A Mansur, M.M.Rahman, **M.S.Islam** & M.A. Taher Mia 2010. Effect of hot water treatments in controlling seed-borne *Fusarium moniliforme* in rice seeds. *Eco-Friendly agril.J.3(9):437-440.*
- M.S. Islam**, S.S. Biswas, M. Ahsanur Rahman and M. Firoz Alam 2011. Effect of culture filtrates of *Trichoderma* on seed germination and seedling growth in chili. *Intl. J. BioRes. 10(1): 27-34.*
- M.S. Islam**, M.M.Jamal, M.A.M.Miah & M.A.I. Khan 2011. Preference of dropout rural youth selected agricultural & non- agricultural activities for self-employment. *Eco-friendly Agril. J. 4(04): 579-584.*
- M.S. Islam**, M.S.Ali, M.N. Begum, & M.Hussain 2011. Effect of plant spacing on the incidence of major insect pests & their natural enemies in four rice varieties. *Eco-Friendly Agril. J. 4(02): 536-541.*
- M.S. Islam**, M.A. Rahman, S.H.Bulbul and M.F.Alam 2011. Effect of *Trichoderma* on seed germination and seedling parameters in chili. *Int. J. Expt. Agric. 2(1): 21-26.*
- M.S. Islam**, M J Alam, M M Islam, K M Rahman and M M Rahman 2011. Performance of summer tomato, brinjal and chili under multistoried agroforestry system. *Int. J. BioRes. 10(4): 1-6.*
- M. S. Islam**, S Islam, M A Al Mamun, M R Manir, T Aktar Poly and M M Islam 2011. Estimation of loss due storage diseases of potato in markets of different districts of Bangladesh. *Int. J. BioRes. 10(4): 21-28.*
- M. S. Islam**, M Z Alam, M R Manir, M A Al Mamun, T Aktar Poly and M M Islam 2011. Effect of Bio compost, cowdung compost and NPK fertilizers on growth, yield and yield components of chili. *Int. J. BioRes. 10(4): 14-20.*
- Shafiqul Islam**, A K M Rafiul Islam and Amzad Hossain 2011. Breeding of sugarcane using Biotechnological Approaches. *Int. Book. Sugarcane of Biotechnology.*

A B M Ziaur Rahman, **M. S. Islam**, M S Islam, A.K. Paul, M.A. Hoque and M. S. Pervin 2011. Effect of seedling age and number of seedlings on yield and yield component of rice. *Int. J. BioRes.* 11(2): 8-11.

A. S. M. Masuduzzaman, E. Septingsih, D. Sanchez, A. Pamplona, S. Heuer, A. Ismail, **M.S. Islam**, S.H. Bulbul and D.J. Mackill 2011. Genetic Diversity Analysis among Rice Accessions of Tidal and Flood Prone Areas, using SSR Markers. International Symposium on Plant Biotechnology Towards Tolerance to Stresses and Enhancing Crop Yield. ISPB-2011. Birla Institute Of Technology, Mesra, Ranchi-835215, Jharkhand, India.

M.K.A.Chowdhury, S.M.Khorshed, M.A.Quddus and M.S. Islam 2013. Training manual of Farming System Research and Development.

A. S. M. Masuduzzaman, **M.S. Islam**, S.H. Bulbul and H U Ahmad 2012. Evaluation of CMS lines for higher out crossing and their hybrids for yield contributing traits in Rice (*Oryza sativa* L.). 6th International Hybrid Rice Symposium 10-12 September 2012, Hyderabad, India. Abstract Acceptance.

11. Job information with Organization and duration

SL	Designation	Duration with Position	Name of Organization	Working Place	Duration with the Agency
a.	Principal Scientific Officer	January 13, 2011 to till to days	BIRRI	Gazipur	January 13, 2011 to till to days
b.	Senior Scientific Officer	July 9, 2012 to December 30, 2014	BARC	Dhaka	July 9, 2012 to December 30, 2014
c.	Agronomist, WASPA-Asia	November 19, 2006 to May 30, 2010	NGO FORUM for Drinking Water Supply and Sanitation	Rajshahi	November 19, 2006 to May 30, 2010
d.	Junior seed technologist	July 01, 1999 to July 30, 2005	BRAC	Dinajpur	July 01, 1999 to July 30, 2005

a) Principal Scientific Officer

- Be responsible for planning, programming, implementing and executing research programmes, including on-farm experiments and obtaining their approval by the specific Taskforce. Where no Taskforce exists, the programme needs to be submitted to the Head for verification and approval by the Director.
- Finalize reports submitted by project leaders and draw objective conclusions
- review and evaluate research plans, experiments, projects and programmes
- Train newly-recruited SO's in the aims, objectives and methodologies of the respective disciplines by giving them specific assignments and grading thereof

- Guide post-graduate students of the Bangladesh Agricultural University (BAU), if they are permitted by their university and, when necessary, take classes to improve their knowledge
- He will consult the head and, if necessary, his fellow scientists for undertaking new experiments or projects
- In the interest of the Division he will undertake any type of responsibility assigned to him by his head
- Any presentation or publication of papers or articles from his divisional activities shall pass through the Head to the Director

b) Senior Scientific Officer

- Coordination of projects activities with Bangladesh Agricultural Research Institute, Bangladesh Rice Research Institute, Bangladesh Jute Research Institute, Bangladesh Fisheries Research Institute, Bangladesh Forest Research Institute, Bangladesh Institute of Nuclear Agriculture, Bangladesh Livestock Research Institute and Bangladesh Sugarcane Research Institute.
- Coordination with Project Implementation Unit (PIU), NATP-Bangladesh Agricultural Research Council (BARC).
- Arrangement of review meetings, review-workshops, seminars, etc.
- Preparation of monthly, quarterly, half yearly and annual report of project and submission of PIU-BARC (NATP) through Member Director (Crops), BARC.
- Preparation of inception report, procurement plan, statement of expenditure,
- Maintenance of various project documents such as fund release, proceedings of meetings and workshops.
- Monitoring of field experiments of SPGR sub-projects and other core research activities of Crops Division, BARC.
- Preparation and presentation of Rapporteurs report of various sub-projects in different workshops.

c) Agronomist, WASPA-Asia

- Prepared different manual & plan for program activities.
- Organized & conducted different types of meeting in different frequency for program progress, review the progress and planning of program activities.
- Participated in monthly, quarterly progress reviews meeting with internal team, donors and partners in relation to survey, planning, beneficiaries selection, procurement, training etc.
- Ensured sectoral program integration to maintain quality & sustainability of the program.
- Conflict resolution among team and community if needed.
- Successfully handle of Visitor, Evaluator and Donor.
- Establish relation between respective GO/NGOs officials.
- Necessary coordination and communication with the Donors & donors in pipe line.

d) Junior seed technologist

- To ensure target by PRA techniques
- To training AEW & NEW
- To forecasting modern technology of seasonal crops
- To prepare the training schedule, module and lesson, plan etc.
- To initiate about designing, planning and implementation on training courses, communication liaison with GO/NGOs representatives
- To identify pest and diseases, provably to make control measures
- To staff follow up and supervision
- To mobilize the community people
- To technical support, monitoring and evaluation
- To reporting & monthly meeting conduct


12. Completed training in service

SL	Training course title	Training date	Duration	Imparted Agency
1.	GSR-Hybrid Rice Seed Production Training Course	02.03.2011 to 03.03.2011	02 days	IRRI-BRRI
2.	International Training Course on Genetic Theory of Hybrid Rice Breeding	25.04.2011 to 08.05.2011	14 days	BRRI-CNHRDC (China)
3.	International Training Course on Integrated Techniques of Hybrid Rice Seed Production	02.05.2011 to 20.05.2011	19 days	BRRI-CNHRDC (China)
4.	Rice and Wheat Cultivation for Unfavorable Ecosystem	21.05.2013 to 22.05.2013	02 days	BARC
5.	Post harvest Technology in Horticultural Crops	09.12.2014 to 10.12.2014	02 days	BARC
6.	Orientation Training on Farming System Research and Development	23-24 September 2012	2 days	BARC
7.	In-service Training on Horticultural marketing	12.9.05 to 14.9.05	03 days	DAE

13. Professional reference:

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Date: 15-12-2019


Signature:
(Dr. Md. Shafiqul Islam)