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Maillg Address **Dr. Muhammad Jahangir Alam**  
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Breeder Seed Department  
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Residence Address House -9, Road -08 (Appayan-2 goli), Block-D,  
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Father's Name Muhammad Rokon Uddin  
Mother's Name Jahanara Begum  
Date of Birth August 18,1977  
Nationality Bangladeshi (by born)  
Marital Status Married  
Spouse's Name Taifa Binte Dil

**Academic Qualification:**

<b>PhD</b>	Ph.D. in MORPHO-ANATOMICAL CHARACTERIZATION AND GENETIC ANALYSIS IN TOSSA JUTE ( <i>Corchorus olitorius</i> L.) from the Department of Genetics & Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka, and awarded.
<b>Masters of Science</b>	<b>July, 2008 to December, 2009:</b> M.S. from the Department of Genetics & Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka, and Bangladesh. Accomplished <b>CGPA: 2.95 out of 4.0.</b>
Thesis Title	<b>Genetic divergence, variability, correlation and path analysis in white jute (<i>Corchorus capsularis</i> L.)</b>
<b>Bachelor of Science in Agriculture (Honors)</b>	<b>1996 to 2003:</b> Completed 4 years B.Sc. Ag (Honors) course from the <b>Bangladesh Agricultural University, Mymensingh</b> , achieved <b>second class</b> (examination held in 2003).
<b>H.S.C.(Science)</b>	<b>1993 to 1995:</b> Passed Higher Secondary School Certificate of 2 years of schooling from Mohadebpur Union College, Manikganj, Bangladesh, under Dhaka Board attain <b>First Division.</b>
<b>S.S.C.(Science)</b>	<b>1983 to 1993:</b> Passed Secondary School Certificate of 10 years of schooling from Model High School, Manikganj, Bangladesh under Dhaka Board achieved <b>First Division with * marks.</b>

## List of Publication:

1. M. J. Alam, M. E. A. Pramanik, Jannatul Ferdous and M. M. Islam.2016. Assessment of Genetic Variation in Selected Germplasm of White Jute (*Corchorus capsularis* L.). *Pertanika J. Trop. Agric. Sci.* 39 (1): 41 - 54 (2016).
2. Alam,M.J.,R. Khatun,F. Mahmud, M.S.H.Bhuiyan and M.M. Hossain,,2010.Genetic divergence in white jute (*Corchorus capsularis* L.). *J.Sher-e-Bangla Agric.Univ.*, 4(2):22-26,July 2010.
3. Alam, M. J., Rahima Khatun,M.sahadat Hossain, N. Pervin and E.A.pramanik.2011.Correlation and path analysis in white jute (*Corchorus capsularis* L.) genotypes. *Int.J.Sustain.Agril.Tech.*7(11):07-10.
4. M. A. Bashar, R. C. Das, M. J. Alam, T. A. Noor and M. L. Rahman5.2021. EFFECT OF SOWING METHOD ON JUTE SEED YIELD AT KISHOREGANJ AND PATUAKHALI DISTRICTS OF BANGLADESH. *Bangladesh J. Environ. Sci.* 40, 88-91, 2021.
5. Arju Miah,A.K.M.sahadat Hossain, Nihar Ranjan Saha, Md. Younus Ali, Md. Jahangir Alam and Md. Hasanuzzaman. 2020. An anatomical screening of white jute accessions for fibre content. *Journal of Scientific Agriculture.* Vol. 4: 72-76
6. Arju Miah,A.K.M.sahadat Hossain, Nihar Ranjan Saha, Md. Younus Ali, Md. Jahangir Alam and Sayma Farabi. 2020. Determining genetic diversity of deshi jute (*Corchorus capsularis*) for the improvement of fibre yield and associated traits. *Journal of Scientific Agriculture.* Vol. 4: 66-71
7. Arju Miah, Nihar Ranjan Saha, Md. Jahangir Alam, Md. Younus Ali and Amit Kumar Basunia. 2020. Characterization of Deshi Jute (*Corchorus capsularis*) Germplasm Collected from Different Sources. *ACTA Scientific Agriculture.* Vol. 3(7): 173-180
8. Bhuiyan,M.S.H., M.Younus Ali, Asaduzzaman, Q.A.Rahman and M.J.Alam.2013. Effect of pollination and planting material in pointed gourd production. *Int.J.Sustain.Agril.Tech.* 9(4):14-17.
9. M.Sahadat Hossain,M.Mahbubul Islam,A.T.M.Morshed Alam,Izaz Ahmed and M.Jahangir Alam.2012. Species identification,density evaluation and green weight of weeds in deshi jute (*Corchorus capsularis* L.) growing areas of Bangladesh.*Bangladesh. J.Weed Sci.*3(1&2):47-52.
10. A.S.M. Yahiha,M.G.Mostafa,M.J.Alam,A.S.M.Kamruzzaman and A.K.Mollah,.1012. Seed and seedling quality of onion (*Allium cepa* L.) as affected by types of storage containers. *J. Expt. Biosci.*3(2): 19-24.
11. Pervin.N., G.K.M.N.Haque,A.Miah,M.Sahadat Hossain and M.J.Alam.2011. In vitro regeneration of six jute genotypes in Bangladesh. *Int.J.Sustain.Agril.Tech.*7(11):01-06.
12. Hussain, M., M.N.Uddin, M.Al-Mamun, M.J.Alam and MD. Kamrujjaman.2011. A study on productivity and profitability of jute cultivation under improve management practices at farmer's level. *Int.J.Sustain.Agril.Tech.*7 (1):01-04.
13. Hossain,M.M.,M.A.A. Khan,S.M.M.Ali and M.J.Alam. 2010. Performance of capsularis jute (*Corchorus capsularis*) varieties in relation to seed yield and disease incidence growth in late season. *J.Sher-e-Bangla Agric.Univ.*, 4(2):22-26.
14. Hussain,M .,Q.A.Rahman,M.N.Uddin,Akikul Islam and M.J.Alam.2010. A study on cost return of jute cultivation production under farmer's condition in some selected areas of Bangladesh. *Int.J.Sustain.Agril.tech.*6 (9):21-25.
15. Ahmed, Izaz., M.Sahadat Hossain, M.Mahabubul Islam,A.T.M. Morshed Alam and M.J.Alam. 2010. Effect of sowing dates on yield and yield attributes of tossa jute (O-795) in different locations of Bangladesh. *J.Expt.Biosci.*1 (2):37-40.
16. Khatton, Ayesha.,Q.A.Rahman,M.D.Mahabub Ali,M.J.Alam and Waheeda Parvin2010. Study on Agricultural production and food security in rural households. *Int.J.Sustain.Agril.tech.*6 (2):08-13.
17. Hussain, M.,M.J.Alam,M.Sahadat Hossain,M.Al-Mamun And Izaz Ahmed.2009. On farm evaluation of jute-based cropping pattern involving maize crop. *Int.J.Sustain.Agril.tech.*5(5):85-88.

18. M. M. Masud, M. A. I. Khan, M. J. Alam, K. U. Ahammad and M. A. Siddiky. 2007. Reproductive feature on the laboratory reared short-tailed mole rat (*Nesokia indica gray*) in Bangladesh. *International Journal of Sustainable Agricultural Technology*. 3(3): 37-39.
19. M. A. Siddiky, M. A. I. Khan, M. M. Masud, M. A. Hossain and M. J. Alam. 2007. Yield and storability of onion as influenced by nitrogen and varieties. *Journal of the Bangladesh Society for Agricultural Science and Technology*. 4(1 & 2): 37-40.
20. M. M. Masud, M. A. Hossain, M. J. Alam, M. N. Rahman and M. A. Siddiky. 2007. Food performance and food consumption of short-tailed mole rat. *Journal of the Bangladesh Society for Agricultural Science and Technology*. 4(1 & 2): 41-43.
21. S. M. Golam Kabir, Md. Nurul Islam, Mohammad Ali, M. Jahangir Alam and A. M. Sarwaruddin Chowdhury. 2007. Preparation and properties of fabric from sulfonated jute blended yarn. *Bangladesh J. Jute Fib. Res.* 27(1): 31-36.
22. S. M. Golam Kabir, Md. Nurul Islam, Mohammad Ali, M. Jahangir Alam and A. M. Sarwaruddin Chowdhury. 2007. Physico-mechanical properties of the chemically modified jute fibre. *Bangladesh J. Jute Fib. Res.* 27(1): 37-44.

#### List of Abstract

1. M. Abbas Ali, M. M. Hussain, A. S. M. Yahiya and M. Jahangir Alam, Morshed Alam. 2014. Biodiversity of Jute of Bangladesh. *International conference on Agro-Biodiversity of Bangladesh: Challenges and Opportunities*. 25-26 October 2014, Plant Breeding and Genetics Society of Bangladesh. 37-38P.

### Professional experiences:

Name of the Organization	Period of service		Position	Nature of job
	from	to		
Bangladesh Jute Research Institute (BJRI)				
Breeder Seed Department	January/22	Present	Principal Scientific Officer	<p>I am working as a full-time employee, positioned as "Principal Scientific Officer " in Breeder Seed Department of Genetic Resources &amp; Seed Division of Bangladesh Jute Research Institute (BJRI) under the Ministry of Agriculture. Being a Scientist, my responsibilities are-</p> <ol style="list-style-type: none"> <li>1. Monitoring, data collection, analysis, report writing and presentation on research work.</li> <li>2. Identification of sustainable varieties of white jute, tossa jute and kenaf for seed production in nontraditional area (saline) of Bangladesh.</li> <li>3. Comparative study of seed yield of different tossa jute varieties under direct seeding and stem cutting.</li> <li>4. Production, multiplication, and maintenance of Nucleus seed, Breeder seed of jute and allied fibre crops.</li> <li>5. Work on genetic divergence, variability, correlation and path analysis in jute crop.</li> </ol>
	September/13	December/22	Senior Scientific Officer	
Jute Farming Systems Division	March/12	August /13	Senior Scientific Officer (Current Charge)	<ol style="list-style-type: none"> <li>1. Plan and conduct of the environment and of the population, structure and functional characteristics and behavior of jute-based cropping pattern (Jute-Rice-Maize, Jute-Rice-Mustard, Jute –Rice-Potato etc).</li> <li>2. Study on physical, biological and socio-economic environment and diagnose the existing farming systems and problems of the area.</li> <li>3. Monitoring, data collection, analysis, report writing and presentation on research work.</li> <li>4. Strengthen linkages among researchers, extension workers and other related stake holders to expedite technology transfer process.</li> <li>5. Participation on agricultural training, seminar &amp; symposium, conference, workshop and other scientific programmes.</li> <li>6. Advices growers on issues such as soil management, weed management, pest management and for sustainable agriculture.</li> </ol>
Jute Farming Systems Division	August/2005	February/2012	Scientific Officer	
Jute Research Regional Station	November/2004	July/2005	Scientific Officer	<ol style="list-style-type: none"> <li>1. Monitoring, data collection, analysis, report writing and presentation on research work.</li> <li>2. Popularization of different jute varieties of BJRI at farmers' level.</li> <li>3. Study on yield gap of jute and jute seed in different regions of Bangladesh.</li> <li>4. Study on Cost and return of jute production.</li> </ol>

**Membership:**

<b>Name of the organization</b>	<b>Type of the organization</b>	<b>Type of involvement</b>
Plant Breeding and Genetics Society of Bangladesh	Professional Organization	Life Member
Krishibid Institution, Bangladesh	National Professional Organization of the Agriculturists	Active Member
Rotaract Club of Agricultural College, Dinajpur, Bangladesh	International Social Organization	Ex. President

**Training Received:**

<b>Organized by</b>	<b>Training title</b>	<b>Duration</b>	<b>Venue</b>
Bangladesh Institute of Governance and Management	Strategic Management	21 days	BIGM, Agar goan, Dhaka
Bangladesh Agricultural Research Council	Exploratory Data Analysis in Agricultural Research with R Software	5 days	BARC, Farmgate, Dhaka
Wageningen University	Market Access for Sustainable Development	18 days	CDI, Wageningen University, Netherlands
Bangladesh Agricultural Research Institute	On-Farm Research Methodology	6 days	Bangladesh Agricultural Research Institute
Bangladesh Jute research Institute Graduate Training Institute	Technical Report Writing and Editing Course	4 days	Bangladesh Jute research Institute
	Research Methodology	13 days	Bangladesh Agricultural University, Mymensingh
National Agro forestry Working Group, Bangladesh	Research Methodology & IT in Agro forestry	5 days	Bangladesh Agricultural Research Council, Dhaka
Bangladesh Academy for Rural Development (BARD)	Foundation Training Course for NARS Scientists (Batch13)	120 days	Bangladesh Academy for Rural Development (BARD), Comilla, Bangladesh
Bangladesh Academy for Rural Development (BARD)	Attachment Programme with RDA	5 days	Rural Development Academy, Bogra, Bangladesh
Bangladesh Jute Research Institute (BJRI)	Modern jute & kenaf seed production & storage technology	2 days	Bangladesh Jute Research Institute (BJRI)
Bangladesh Jute Research Institute (BJRI)	Jute fibre and seed production Technology	2 days	Bangladesh Jute Research Institute (BJRI), Bangladesh
Department of Agricultural Extension	Extension field Trip	6 days	Syedpur Upazilla under Nilphamari district, Bangladesh.

**Language Capability:**

Language	Reading	Writing	Listening	Speaking
Bengali	Native	Native	Native	Native
English	Modest user	Modest user	Modest user	Modest user
Hindi	Non user	Non user	Modest user	Limited user
Arabic	Modest user	Intermittent user	Intermittent user	Intermittent user

**Extra Curriculum Activities:** Regular talker of National and Regional Agricultural Broadcasting program on Bangladesh Better (Radio) where scientific paper on different crops and jute related ideas are broadcasted at regular intervals.

**Computer literacy** : MS Word, MS Excel, MS Power Point, MSTAT, SPSS & Internet browsing

This is certified that to my best of knowledge, the information given in the sheets are correct.

Signature:



**(Muhammad Jahangir Alam)**

Principal Scientific Officer

Breeder Seed Department

Genetic Resources & Seed Division

Bangladesh Jute Research Institute

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