

CURRICULUM VITAE

1. Personal information:

- a) Name of candidate : Dr. Mohammad Amir Hossain
- b) Father's name and profession : Late Md. Shafi Uddin
JCO, Bangladesh Air Force (Rtd.)
- c) Mother's name and profession : Late Jahanara Begum
House-wife
- d) Date of birth : 26-01-1964
- e) Place of birth : Dhaka
- f) Nationality : Bangladeshi
- g) Permanent address : PA- 86/1, Middle Badda, P.S.: Badda,
P.O.: Gulshan, Dhaka 1212
Ph.: (02)9897750 (Res.)
- h) Present/Mailing address with cell phone and e-mail : Principal Scientific Officer
: Plant Breeding Division
BRRI, Gazipur 1701
Cell: +88-01799641456
+88-01552476053
E-mail: amir1964.mah@gmail.com
- j) Martial status : Married
- k) Religion : Islam

2. Academic qualification:

Name of examination passed /Degree obtained	Branch /Subject	Board/University attended	Year of passing	Division/Class / CGPA
SSC	Science	Dhaka Board	1980	1 st Division
HSC	Science	Dhaka Board	1982	2 nd Division
B Sc Ag (Honors)	Agricultural Science	Bangladesh Agricultural University, Mymensingh	1987 (Exam. held in 1990)	2 nd Class
MS	Genetics & Plant Breeding	Institute of Postgraduate Studies in Agriculture (now BSMRAU), Gazipur	1993	3.91 out of 4.00
PhD	Genetics & Plant Breeding	Banganandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	2012	3.56 out of 4.00

3. Research Experience

Above twenty six (26) years of research experience

Position	Period		
	From	To	Total Yr, Mo & Day
Principal Scientific Officer, Plant Breeding Division, Bangladesh Rice Research Institute, Gazipur-1701	16/09/2018	till to-date (30/06/2021)	2 yrs 9 mos and 14 days
Principal Scientific Officer & Head, BRRI R/S, Bhanga, Faridpur	02/02/2015	15/09/2018	3 yrs 7 mos and 13 days
Principal Scientific Officer, Plant Breeding Division, Bangladesh Rice Research Institute, Gazipur-1701	16/04/2014	01/02/2015	9 mos and 15 days
Senior Scientific Officer, Plant Breeding Division, Bangladesh Rice Research Institute, Gazipur-1701	30/05/2001	15/04/2014	12 yrs, 10 mos and 15 days
Scientific Officer, Olericulture Division, Horticulture Research Centre, Bangladesh Agriculture Research Institute, Gazipur 1701	30/01/1995	29/05/2001	6 yrs and 4 mos
Total service period			26 yrs 4 mos and 15 days

4. Professional Training & Workshop

a) In Country: 23

Organization	Year	Duration		Name of programme
		Mos.	Days	
BARC, Dhaka	24/02/2019-27/02/2019 & 02/03/2019		5	Project development and management
TRB-BRRI Project, BRRI, Gazipur	11/11/2018-13/11/2018		3	Breeding for Results (B4R)
TRB-BRRI Project, BRRI, Gazipur	18/09/2018-19/09/2018		2	Practical workshop for high-throughput sampling and analysis
TRB-BRRI Project, BRRI, Gazipur	05/12/2017		1	P-rep Design
BARD, Comilla	04/05/2014-17/05/2014		14	Administrative and financial management
BRRI, Gazipur	15/04/2013-24/04/2013		8	Gene cloning and rice transformation
BRAC-CDM, Rajendrapur	09/02/2013-13/02/2013		5	Research proposal preparation and scientific report writing
BRRI, Gazipur	08/10/2012-12/10/2012		5	Capacity development for farm management strategies to improve crop-water productivity using <i>AquaCrop</i> model
BRRI, Gazipur	24/09/2012-29/09/2012		6	Theoretical and applied molecular breeding
BARC, Dhaka	21/05/2012-23/05/2012		3	Seed quality management

BARI, Gazipur	09/04/2007-12/04/2007		4	Plant genetic resources conservation and utilization
BARRI, Gazipur	21/12/2003-18/02/2004	2		Rice production, communication and office management
BARRI, Gazipur	28/11/2001-03/12/2001		6	Hybrid rice cultivation and seed production
BARI, Gazipur	27/05/2001-31/05/2001		5	Post-harvest technology of horticultural crops
BARI, Gazipur	26/10/2000-09/11/2000		15	MIS data capture
BARI, Gazipur	12/04/1999-22/04/1999		11	Integrated crop management for tomato and eggplant
BARI, Gazipur	06/10/1998-10/10/1998		5	Seed production and maintenance breeding in winter vegetables
BARI, Gazipur	30/03/1998-02/04/1998		4	Vegetable breeding for biotic stress resistance
BARI, Gazipur	15/03/1997-25/03/1997		11	Nursery management and vegetative propagation of horticultural crops
BARI, Gazipur	31/08/1996-26/10/1996	2		Induction Training
BARI, Gazipur	22/06/1996-27/06/1996		6	Hybrid production in Solanaceous vegetables and Cucurbits
BARI, Gazipur	22/12/1995-26/12/1995		5	Use of laboratory equipment for vegetable crops improvement
BARI, Gazipur	09/09/1995-11/09/1995		3	Maintenance breeding and seed production of vegetable crops

b) Abroad (3)

Country	Year	Duration		Name of programme
		Mos.	Days	
Changsha, Hunan, China	05/06/2013-24/09/2013	3	19	Hybrid rice technology for Bangladesh
IRRI, Philippines	05/08/2002-23/08/2002		19	Rice breeding
Osaka Prefecture University, Japan	17/09/1997-12/12/1997	3		Horticulture in protected environment

5. Publication of articles

Total Publication: 32 (Thirty two)

(a) Scientific journals

(i) Full paper

(a) Paper published in the Reputed International Journal

1. Hossain, M.A., M. Islam and M. Ali. 1996. Sexual crossing between two genetically female plants and sex genetics of kakrol (*Momordica dioica* Roxb.) *Euphytica*. **90**: 121-125.

[*Netherlands Journal of Plant Breeding, Impact Factor: 1.554 (2011)*]

2. Hossain, M.A., M.J. Hasan, M.U. Kulsum and M.M. Sarker. 2018. Identification of potential maintainer and restorer lines using testcross hybrids. *Turkish J. Agric.- Food Sci Tech.* **6(8)**:953-962.

- 3. Hossain, M.A.,** M.A.K. Mian, M.G. Rasul, M.J. Hasan, M.U. Kulsum and M.A. Karim. 2016. Genetic variability in floral traits of CMS lines and their relationship with outcrossing in rice. *Trop. Agr.Develop.* **60** (4): 236-241.
- 4. Hossain, M.A.,** M.A.K. Mian, M.G. Rasul, M.J. Hasan, M.U. Kulsum and M.A. Karim. 2016. Combining ability studies in rice hybrids involving new CMS lines in Bangladesh. *Trop. Agr.Develop.* **60** (4): 242-250.
- (b) National Journals*
- 5. M. Ali, M. A. Hossain,** M. J. Hasan and M. E. Kabir. 2014. Identification of maintainer and restorer lines in local aromatic rice (*Oryza sativa*). *Bangladesh J. Agril. Res.* **39** (1): 1-12.
- 6. M. Ali, M. A. Hossain,** M. U. Kulsum, N. Sharma and M. A. K. Mian. 2013. *Eco-friendly Agril. J.* **6**(05): 78-82.
- 7. M. Ali, M. A. K. Mian, M. G. Rasul, M. A. Aziz Miah, M. Z. Alam and M. A. Hossain.** 2012. Genetic diversity in local aromatic rice (*Oryza sativa* L.) genotypes. *Bangladesh J. Pl. Breed. Genet.* **25**(2): 33-40.
- 8. Hossain, M. A.,** K. M. Akther, M. A. Salam, M. Khatun and M. E. Hoque. 2007. Yield stability of some T. Aus rice genotypes. *Bangladesh J. Prog. Sci. & Tech.* **5**(1): 173-176.
- 9. Hossain, M. A.,** A. M. Nurrnabi, M. J. Hasan, A. W. Julfikar and M. E. Hoque. 2006. Genetic diversity in some maintainer and restorer lines of rice (*Oryza sativa* L.). *Intl. J. BioRes.* **1**(4): 16-19.
- 10. Hossain, M.A.,** A.W. Julfikar, A.M. Nurunnabi, M.S. Kabir and M.E. Hoque. 2005. Yield stability of some rice hybrids. *Bangladesh J. Prog. Sci. & Tech.* **3**(1): 19-22.
- 11. Hossain, M. A.,** M.A. Salam, J.K. Biswas, M.A.A. Mahbub and M.E. Hoque. 2005. Genotype-location interaction and stability of deepwater rice genotypes. *Bangladesh J. Prog. Sci. & Tech.* **3**(1): 5-8.
- 12. Khatun, M.,** P.S. Biswas, **M. A. Hossain,** M.K. Hossain and H. Begum. 2010. Genetic variability, character association and path co-efficient analysis of rice genotypes (*Oryza sativa* L.). *Intl. J. BioRes.* **9**(3): 36-40.
- 13. Iftekharuddaula, K.M.,** M. A. Newaz, K. Akter and **M. A. Hossain.** 2008. Genetic variability, character associations and path analysis for yield contributing characters in hybrid population of rice (*Oryza sativa* L.). *Bangladesh J. Agric.* **33**(1): 39-44.
- 14. Iftekharuddaula, K.M.,** M. A. Newaz, S. Khatun and **M. A. Hossain.** 2008. Heterosis of yield and physiological characters in diallel cross of rice (*Oryza sativa* L.). *Bangladesh J. Agric.* **33**(1): 51-60.
- 15. Mahbub, M.A.A.,** M. Khanam, M.S. Rahman, **M. A. Hossain** and A. R. Gomosta. 2006. Determination of lodging characters of some BRRI recommended rice varieties at three nitrogen levels during wet season in Bangladesh. *Bangladesh J. Bot.* **35**(2): 117-124.
- 16. Hoque, M.E., M.A. Hossain,** T.L. Aditya, M. Khalequzzaman and M.S. Ali. 2005. Genotype-environment interaction and stability analysis in anther culture derived rice genotypes. *Bangladesh J. Plant Breed. Genet.* **18**(1): 31-34.
- 17. Mollik, A.K.M.S.R.,** S.C. Barman, M. Nazimuddin, **M. A. Hossain** and M.S. Islam. 2005. Effect of CV Plant Food (micro-nutrient) on the yield of chilli and its economic evaluation. *Bangladesh J. Sci. Ind. Res.* **40**(3-4): 255-260.

18. Masud, M.A.T., **M.A. Hossain**, S.R. Saha, A. Muhammad and S.M.M. Hossain. 2003. Genetic divergence in ridge gourd [*Luffa acutangula* (Roxb.) L.]. *Bangladesh J. Pl. Breed. Genet.***16(2)**: 17-22.
19. Rahman, M.M., M.A. Rahim, **M.A. Hossain** and S.R. Saha. 2002-2003. Genetic divergence study in guava (*Psidium guajava* L.). *Bangladesh J. Agric.* **27 & 28**: 99-105.
20. Saifullah, M., A.K. Azad, M.I. Nazrul, M.R. Islam and **M. A. Hossain**. 1999. Genetic diversity in jackfruit (*Artocarpus heterophyllus* Lam) grown in Bangladesh. *Bangladesh J. Plant Breed. Genet.* **12 (1 & 2)**: 1-6.
21. Masud, M.A.T., M.A.Z. Chowdhury, **M.A. Hossain** and S.M.M. Hossain. 1995. Multivariate analysis in pumpkin (*Cucurbita moschata* Duch ex Poir). *Bangladesh J. Plant Breed. Genet.* **8 (1 & 2)**: 45-50.

(ii) Short Communication:

22. Hawlader, M.S.H., K.M. Akter, Z. Nessa and **M. A. Hossain**. 2006. Evaluation of Transplant Aus rice varieties cultivated by farmers. *Bangladesh J. Agric.* **31 (1 & 2)**: 97-100.

(b) Seminar/Workshop/Symposium Proceedings/Abstract

(i) International

23. Mollik, S.R., **M. A. Hossain**, N.A. Begum, R. Ara and S.M.M. Hossain. 2001. On-Farm evaluation of elite varieties-Chilli. *Proc. South Asia Veg. Res. Network (SVERNET-II) Final Workshop*, **AVRDC publication no. 01-517**: 7-8.
24. Mollik, S.R., **M. A. Hossain**, S. Islam and AS.M.H. Rashid. 2001. On-Farm evaluation of elite varieties-Onion. *Proc. South Asia Veg. Res. Network (SVERNET-II) Final Workshop*, **AVRDC publication no. 01-517**: 8-9.
25. Ali, M., **M.A. Hossain** and M. Islam. 1994. Female homosexual crossing in kakrol (*Momordica dioica* Roxb.). *XXIV Intl. Hort. Congress*. Kyoto, Japan (**Abstract No.: 0-41-2**).

(ii) National

26. **Hossain, M. A.**, M.A.K. Mian and M.G. Rasul. 2013. Exploitation of diversified male sterile cytosources in developing hybrid rice. Presented in *Thursday Seminar at BRRI*, Gazipur on 10 January, 2013.
27. **Hossain, M.A.**, K. M. Akther and M. A.. Salam. 2008. BRRI dhan48: A proposed variety for Transplant Aus. Presented in *Thursday Seminar at BRRI*, Gazipur on 3 July, 2008.
28. **Hossain, M.A.**, M. Tarik and S.M.M. Hossain. 1996. Development of seedless kakrol. *Proc. 19th Bangladesh Sci. Conf.*, **Part-2**: 151-153.
29. **Hossain, M.A.**, M. Islam and M. Ali. Crossing between two female kakrol genotypes. 1994. *18th Bangladesh Sci. Conf.*, Bangladesh Agril. Uni., Mymensingh, Bangladesh (**Abstract No.: Section II, 45**).
30. **Hossain, M.A.**, M.M. Islam and M. Ali. 1994. Sex genetics of kakrol and its utilization in breeding. *Presented in a Seminar at Inst. Biol. Sci., Rajshahi Univ.*, Rajshahi on 7 May, 1994.

(c) **Thesis/Dissertation**

31. Hossain, M. A. 1993. Intr- and interspecific cross compatibility in *Momordica*. M. S. Thesis. Submitted to the Department of Genetics & Plant Breeding, The Institute of Postgraduate Studies in Agriculture (IPSA), Gazipur. P 59.

32. Hossain, M. A. 2012. Exploitation of diversified male sterile cytosources in developing hybrid rice. Ph D Dissertation. Submitted to the Department of Genetics & Plant Breeding, The Institute of Postgraduate Studies in Agriculture (IPSA), Gazipur. p 249.