

## **PART – 11: INFORMATION ABOUT PROJECT PERSONNEL**

### **1. PROJECT PERSONNEL**

#### **A. Principal Investigator**

**Name:** Dr. Md. Ashraful Haque      **Date of Birth:** 06 Dec 1967      **Sex:** M      **Position held (since):** Associate Professor  
**Present Address:** Associate Professor and Head  
Department of Biotechnology  
Bangabandhu Sheikh Mujibur  
Rahman Agricultural University  
(BSMRAU), Gazipur-1701  
**Permanent Address:** Village : Ghoppara  
P.O. : Gourinathpur (7351)  
Upozilla: Kaligonj  
District : Jhenidah

**e-mail Address:**  
ashrafbiotech@gmail.com

#### **Academic degrees held**

Subject	Name of Degree	University	Country	Class	Year of Graduation
Agriculture	B. Sc. Ag (Hons.)	Bangladesh Agricultural University, Mymensingh	Bangladesh	1 <sup>st</sup>	1989 (Held in 1993)
Plant Pathology	MS	Bangladesh Agricultural University, Mymensingh	Bangladesh	1 <sup>st</sup>	1994
Molecular Biology and Plant Biotechnology	Ph D	Saitama University, Japan	Bangladesh	A	2006

#### **Previous experience:**

My previous experience (Service length, training and achievement) have been described in the following table.

#### **Employment Record**

Period		Sector	Position	Employer	Name of the Organization	Place of Posting
From	To					
30.01.1995	17.05.2006	Govt. Research Organization	Scientific Officer	Director General	Bangladesh Agricultural Research Institute	Tuber Crops Research Centre, Bangladesh Agricultural Research Institute, Gazipur
18.05.2006	19.9.2006	Govt. Research Organization	Senior Scientific Officer	Director General	Bangladesh Agricultural Research Institute	Tuber Crops Research Centre, Bangladesh Agricultural Research Institute, Gazipur
16.10.2006	31.1.2012	Education and Research	Assistant Professor	Registrar	BSMRAU	Department of Biotechnology
1.2.2012	Till now	Education and Research	Associate Professor	Registrar	BSMRAU	Department of Biotechnology

**Training:**

**a. (abroad):**

Country	Year	Duration		Name of Program
		Mos.	Days	
Japan	2003 (Conducted Ph.D study period)	06	-	English for Graduate Studies and Japanese languages

**(In Country):**

Organization	Year	Duration		Name of Program
		Mos.	Days	
BARI	1996	02		Two Months Induction Training
TCRC,BARI	2000		06	ELISA for detection of potato viruses

BARI	2000		13	MIS Data Capture
BARD	2001	03	15	Foundation Training Course
BARD	2001		21	Computer Application Course on MS Word, MS Excel, MS Power Point and SPSS

### Job Responsibilities

Teaching and Research on plant biotechnology and molecular biology.

### Publications

(Please provide a complete list of publications in refereed International, regional as well as national journals):

#### List of Publication: Full paper

1. M.H. Hossain, M.S. Nahar, M.I. Haq, **M.A Haque** and KU Ahamed (1998). Effect of fungicides and spacing on severity of tikka and rust disease of groundnut. Bangladesh J. of Agril. Res. 23 (3): 463-468.
2. **M.A Haque**, M.A. Hossain and M.M. Hossain (1999). Effect of spacing and fertilizer on incidence of bacterial leaf blight of rice. Bangladesh J. of Agril. Res. 24 (1); 99-105.
3. KU Ahmed, M.B. Uddin, **M.A Haque** and M.M. Kamal (1998). Need based application of insecticide to control the pod borer, *Euchrysops cenus* (fab.) Journal of Agricultural Education and Technology. 1(1): 65-68.
4. Akhtar, M.I., M.S. Ali, M.R. Islam, Z.N. Huq, **M.A Haque** and T.S. Roy. 2000. Potential of TPS technology for increasing potato production in Bangladesh. J. Asiat. Sco. Bangladesh. Sci. 26(1): 75-84.

5. Kotake T, Kaneko S, Kubomoto A, **Haque MA**, Kobayashi H, Tsumuraya Y (2004). Molecular cloning and expression in *Escherichia coli* of a *Trichoderma viride* endo- $\beta$ - $(1 \rightarrow 6)$ -galactanase gene. *Biochem.J.* 377 (pt 3): 749-55.
6. Konishi T, Mitome T, Hatsushika H, **Haque MA**, Kotake T, Tsumuraya Y (2004). Biosynthesis of pectin galactan by membrane-bound galactosyltransferase from soybean (*Glycine max* Merr) seedling. *Planta.* 218(5): 833-42.
7. **Haque MA**, Kotake T and Tsumuraya Y (2005). Mode of action of  $\beta$ -glucuronidase from *Aspergillus niger* on the Sugar Chains of Arabinogalactan-protein. *Biosci. Biotechnol. Biochem.* 69 (11): 2170-2177.
8. MS Haque, M.K. Hasan, **MA Haque**, Mohammad Golam Motafa and S.M.N Islam (2009). Purification of urea transporter in paddy (*Oryza sativa*) induced by applied urea in the soil during growing stage. *Bangladesh Res.Pub.J.2.* (3): 597-604.
9. MA. Hossain, M. Shamimuzzaman, **MA Haque**, AU Haque, and MD, Hossain. (2009) Regeneration of two Bangladeshi potato varieties from internode slices using zeatin riboside. *Intl. J. Sustain. Agril. Tech.* 5 (4):06-11.
10. D. Hossain, M. Ullah M. Shahjahan and **MA Haque** and M. Ali. (2009). Effect of organic and inorganic fertilizers on yield and yield contributing characters of mukhi kachu (*Colocasia esculenta* L.).*The Agriculturist.* 7 (1& 2):50-56
11. M.S. Haque, S.R.Kabir, S.K.Roy, M. M. Rahman and **M.A.Haque** (2011). Inorganic Phosphate level in peripheral tissues of cold exposed fresh water fishes (*Channa punctata*). *Int. J. ecotoxicol. agric. technol.* 1 (2): 119-126.
12. A.S.M. Iqbal Hussain, **MA Haque**, D. Hossain, Z. Hossain and N. Bari. (2011). Effect of population density and nitrogen fertilizer on growth and yield of BRRI DHAN29. *Bangladesh Res. Pub .J.* 5 (2): 92-102.
13. MS Haque, M.K. Hasan, **MA Haque**, (2010). Regulation of urease activity in paddy (*Oryza sativa*) by application of urea during the growing stage. *Int. J. Sustain. Agril. Tech.* 6(8): 01-05.
14. S. K. Roy, M.S. Haque and **M.A. Haque** (2010). Interaction of arsenic on alkaline phosphatase activity in peripheral tissues of cold exposed fishes (*Channa punctatus*) *Progress. Agric.* 21 (1& 2): 159-171.

15. M.M. Haque, **M.A. Haque**, D. Hossain, A S M Iqbal Hussain and M.A. Farooque (2010). Effect of different organic manures and fertilizers on growth and yield of potato. *Ann. Bangladesh Agric.* 13 (1& 2): 17-26
16. M.K. Hossain, M.S. Haque, M. M. H. Khan, **M.A.Haque**, and M. A. Islam (2011). Structural development and physiology of paddy exposed to cold, arsenic and urea. *Int. J. ecotoxicol. agric. technol.* 1 (3): 89-96.
17. MS Haque, M.K. Hasan, **MA Haque**, N.M. Rahmatullah and M. Abuyusuf (2011). Analysis of soil PH identifying the optimum period for the maximal uptake of urea during the cultivation of paddy (*Oryza sativa*.. *Int. J. Sustain. Agril. Tech.* 7 (10): 30-33.
18. D. Hossain, **Md. Ashraful Haque**, M. Abuyusuf, M.M.Riad, and A.S.M. Iqbal Hussain (2011). Response of cabbage to different levels of fertilizer application in salna silty clay loam soil. *Bangladesh Res.Pub.J.* 6. (2): 155-166.
19. **MA Haque** and Tsumuraya Y (2012). Purification and properties of a  $\beta$ -glucuronidase from *Aspergillus niger*. *Ann. Bangladesh Agric* 16 (2): 57-67.
20. **MA Haque** and Tsumuraya Y (2011). Structural studies of *Chlorella* galactan-protein. *Molecular Biology and Biotechnology Journal (MBBJ)* ---- Submitted.

### MS THESIS

**M.A. Haque** (December, 1994). An Integrated control of Bacterial leaf blight of rice. MS thesis submitted to plant pathology division of Bangladesh Agricultural University, Mymensingh, Bangladesh. 71pp.

### Ph.D thesis title

**“Structure and Enzymatic Degradation of Plant Cell Wall Proteoglycans”**

## **Membership in the Professional Societies:**

Krishibid Institution, Bangladesh

Bangladesh Phytopathological Society

Bangladesh Association for the Advancement of Science (BAAS)

Bangladesh Association for Biotechnology (BABT)

Bangladesh Association for Plant Tissue Culture and Biotechnology (BAPTC&B)

**Joint Secretary, BAAS**