

CURRICULUM VITAE OF SHAH MOHAMAMMAD NAIMUL ISLAM

Field of interest: Molecular biology and Biotechnology

1. Full name: SHAH MOHAMAMMAD NAIMUL ISLAM
2. Date and place of birth: 24 October 1979, Gopalganj, Bangladesh
3. Present position: Assistant Professor

Department of Biotechnology,

Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU)

Gazipur-1706, Bangladesh

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4. Nationality: Bangladeshi
5. Educational Qualifications:
MS in Biotechnology, 2005
Result: CGPA 3.906 (Out of 4)
Bangladesh Agricultural University, Mymensingh, Bangladesh

BSc Ag (Hons)

Result: First Class (6th position)

Bangladesh Agricultural University, Mymensingh, Bangladesh

Higher Secondary Certificate

Science Group, Dhaka Board

Result: First division (69.1% mark)

Secondary School Certificate

Science Group, Dhaka Board

Result: First division (78.2% mark)

6. Previous job experience: Working as Lecturer in Department of Biotechnology, BSMRAU, Gazipur, Bangladesh from 01 December 2008 to 01 April 2011.

7. MS Thesis: *Agrobacterium* mediated genetic transformation in potato (*Solanum tuberosum* L.)

8. Research publications:

M. S. Haque, M. K. Hasan, M. A. Haque, Mohammad Golam Mostofa and S. M. N. Islam. 2009.

M. M. Hossain, N. Hossain, F. Sultana², S. M. N. Islam¹, M. S. Islam and M. K. A. Bhuiyan. 2013. Integrated management of Fusarium wilt of chickpea (*Cicer arietinum* L.) caused by *Fusarium oxysporum* f. sp. *ciceris* with microbial antagonist, botanical extract and fungicide. *African Journal of Biotechnology*, Vol. 12(29), pp. 4699-4706.

M. N. Islam, M. R. Molla, M. M. Rohman, M. Hasanuzzaman, S. M. N. Islam, L. Rahman. 2012. DNA Fingerprinting and Genotyping of Cotton Varieties Using SSR Markers. *Not Bot Horti Agrobo*, 40(2): 261-265

M. M. Rahman, A. K. M. Shamsuddin, U. Asad and S. M. N. Islam. 2007. Genetic divergence in double haploid lines of spring wheat (*Triticum aestivum* L.). *Bangladesh Journal of Genetics and Plant Breeding*. 20(2): 37-41.

M.R. Molla, L. Rahman, S. Sultana and S.M.N. Islam. 2006. Development of alloplasmic Brassica species: colchicine induced morphological variants at C2 generation. *Bangladesh Journal of Crop Science*, 17(2). 333- 341.

S. M. N. Islam, M. G. Rabbani, M. R. Molla and R. Sultana. 2006. Standardization of *in vitro* regeneration protocol of potato (*Solanum tuberosum* L.). *Bangladesh Journal of Agricultural Sciences*. 33(2): 141-146.

R. Sultana, M. W. Zaman and S. M. N. Islam. 2006. Interaction of arsenic with other elements in arsenic hyperaccumulating weeds. *Journal of Bangladesh Agricultural University*. 4(2): 211- 217.

S. M. N. Islam, M. A. Hossain, M. G. Rabbani, K. M. Nasiruddin and R. Sultana. 2005.

Agrobacterium Mediated Genetic Transformation in Potato (*Solanum tuberosum* L.). *Bangladesh Journal of Agricultural Sciences*. 32(1): 135-139.

R. Sultana, M. W. Zaman, M. A. K Chowdhury and S. M. N. Islam. 2005. Effect of arsenic on growth and biomass production of arsenic hyperaccumulating weeds. *Bangladesh Journal of Crop Science*. 16(2). 375-380.

9. Research project

Year 2011

Principal Investigator of “Biological control of phytopathogens by *Lysobacter* species”-a research project of RMC, BSMRAU

Year 2010

Associate investigator of “Studies on plant growth promoting Rhizobacteria for environment safe and low input sustainable crop production”, a research project of Ministry of Science and Information & Communication Technology, Bangladesh.

Member of “Adaptation to climate change: food security, water resources and rural resilience in western Bangladesh”, a collaborative project with Nottingham University, UK, funded by British Council.

Co-investigator of “Biological control of Oomycete phytopathogens by antagonistic Rhizobacteria”, a research project of RMC, BSMRAU.

Year 2009

Co-investigator of “*In vitro* regeneration of some selected germplasm of *Jatropha* (*Jatropha curcas* L) as sustainable energy crop” a research project of RMC, BSMRAU.

10. Training experience

“Foundation Training for University Teachers” conducted by the Graduate Training Institute, Bangladesh Agricultural University, Mymensingh with support from the University Grants Commission, Bangladesh during 10 May to 02 July, 2009.

Training on Mushroom Cultivation, conducted by Mushroom center, Savar, Dhaka from 21 to 25 May 2006.

Training on Basic Biotechnology and Tissue Culture, conducted by Department of Biotechnology, Bangladesh Agricultural University, Mymensingh during 15 to 28 May 2004.

11. Language proficiency: Good reading and writing command in both Bengali and English. IELTS over all band score: 6.5 (Listening 7.5, Reading 6.5, Writing 6 & Speaking 6)

12. Computer literacy: Operating softwares and Statistical programs (MSTATC, SPSS, Gen Stat, Pop Gene analysis)

13. Other qualifications: House Tutor, BS Dormitory, BSMRAU, Gazipur, Bangladesh

14. Professional Member: Bangladesh krisibid Institution

Badhan- Blood donating organization