

CURRICULUM VITAE



Dr. Md. Azizul Islam

Basic Information

Name : Md. Azizul Islam
Designation : Associate Professor
Department : Dept. of Biotechnology & Genetic Engineering
Faculty : Biological Science
Institution : Islamic University, Kushtia, Bangladesh.
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Academic Degrees

Subject	Name of Degree	University	Country	Class	Year of Graduation
Biotechnology & Genetic Engineering	BSc (Hons.)	Islamic University	Bangladesh	First Class (Top Position)	2008
Biotechnology & Genetic Engineering	MSc	Islamic University	Bangladesh	3.92 (Out of 4) (Top Position)	2009
Plant Genomics (Institute of Microbiology)	PhD	University of Chinese Academy of Sciences	China	Awarded	2019

Research Interest

Microbiology, Molecular Biology, Genetics, Agricultural Biotechnology

Professional Experiences

- **Associate Professor:** Dept. of Biotechnology and Genetic Engineering, Faculty of Biological Science, Islamic University, Kushtia-7003, Bangladesh (from October, 2019 to still now).
- **Research Assistant:** 1 year experience as a Research Assistant at the State Key Laboratory of Plant Genomics, Institute of Microbiology, and Beijing, China (from July, 2018 to July, 2019).
- **PhD Researcher:** Worked as PhD student from September, 2015 to July, 2019 under the supervision of Professor Jun Liu (Director), State Key Laboratory of Plant Genomics, Institute of Microbiology, Beijing, China. PhD Title: The investigation of polyamines in rice salt tolerance and disease resistance.
- **Assistant Professor:** Dept. of Biotechnology and Genetic Engineering, Faculty of Biological Sciences, Islamic University, Kushtia-7003, Bangladesh (from September, 2016 to September, 2019).
- **Lecturer:** Dept. of Biotechnology and Genetic Engineering, Faculty of Biological Sciences, Islamic University, Kushtia-7003, Bangladesh (from September, 2013 to September, 2016).
- **M.Sc. Thesis Supervision:** Now, I am supervising MSc thesis students and numbers of B.Sc. project students.
- **Thesis student:** M.Sc. thesis student under the supervision of Prof. Dr. Md. Abul Kalam Azad, Dept. of Biotechnology and Genetic Engineering, Faculty of Biological Sciences, Islamic University, Kushtia-7003, Bangladesh (2010). Thesis title: Molecular Characterization of Soil Isolates by 16S Ribosomal DNA Gene Sequence Informatics and Antibacterial Activities of *Ocimum sanctum* (leaf, flower and shoot) Against the Characterized Bacteria.

- **B.Sc project student:** B.Sc (Honours) project student under the supervision of A.N.M Rubayath-Bin Rahman, Assistant professor, Dept. of Biotechnology and Genetic Engineering, Faculty of Biological Sciences, Islamic University, Kushtia-7003, Bangladesh (2008). Project Title: Antisense RNA technology.

Publications

Journal	01	Md Azizul Islam , PANG Jin-huan, MENG Fan-wei, LI Ya-wen, XU Ning, YANG Chao, LIU Jun. Putrescine, Spermidine, and Spermine play distinct roles in rice salt tolerance. <i>Journal of Integrative Agriculture</i> , Vol 18, July 2019, pages 2-14.
	02	Chao Yang, Yongqi Yu, Junkai Huang, Fanwei Meng, Jinhuan Pang, Qiqi Zhao, Md. Azizul Islam , Ning Xu, Yun Tian, Jun Liu*. Binding of the <i>Magnaporthe oryzae</i> Chitinase Mochial by a Rice Tetratricopeptide Repeat Protein Allows Free Chitin to Trigger Immune Responses. <i>The Plant Cell</i> , Vol 31, January 2019, pages 172-188.
	03	Md. Azizul Islam* , Pulak Maitra, Dipa Mandal. A Review on Polyamines and Biotic Stresses in Plants. <i>Asian Journal of Applied Sciences</i> , Vol 06, Issue 05, October 2018, pages 270-276.
	04	Md. Azizul Islam , Pulak Maitra, Sudhangshu Kumar Biswas, Hossain Md. Faruquee. A review on: Actions of polyamine on abiotic stresses in rice. <i>International Journal of Scientific and Engineering Research</i> , Vol 09, Issue 9, September 2018, pages 73-80.
	05	Mst. Ferdowsi Mahal, Md. Azizul Islam , Md. Kazy Ebnul Hasan, Razia Sultana, Md. Samiul Islam and Md. Amit Hasan. A computational characterization and motif election analysis of metalloproteinase proteins from different venomous snake species. <i>Journal of Pharmacognosy and Phytochemistry</i> , Vol 7, Issue 1, January 2018, Pages 290-295.
	06	Md. Samiul Islam, Razia Sultana, Md. Amit Hasan, Md. Abu Horaira, Md. Azizul Islam* . A Review on: Prevalence of Tuberculosis: Present Status and Overview of Its Control System in Bangladesh. <i>International Journal of Life Sciences Scientific Research (IJLSSR)</i> , volume 3, Issue 6, November 2017, Pages 1471-1475.
	07	Sudhangshu Kumar Biswas, Laisa Ahmed Lisa, Rubaya, Nilufa Akhter Banu, Azizul Islam , Apurba Kumar Roy and Rezuanul Islam. A Review on: Microbial Treatment of Tannery Effluents. <i>Plant Environment Development</i> , Vol. 4, No. 2, 2015(July), Pages13-20.
	08	Md. Rezaul Karim1, Zinat Mahal2, Safia Iqbal1, Harun or Rashid2, M. Abu Hena Mostofa Jamal1, Md. Azizul Islam1 , Md. Mafizur Rahman1. Solid state fermentation of Lathyrus sativus and sugarcane bagasse by <i>Pleurotus sajor-caju</i> . <i>International Journal of Agronomy and Agricultural Research (IJAAR)</i> . Vol. 4, No. 5, 2014, p. 1-9.
	09	Md. Azizul Islam* , Md. Abul kalam Azad, Md.Rezaul Karim, Sudhangshu Kumar Biswas, Md. Mostafizur Rahmam, & Md. Mafizur Rahman. "Antibacterial Effects of Ocimum Sanctum L Leaves, Flowers and Shoots against Bacillus spp from Soil" <i>Malaysian Journal of Medical and Biological Research</i> , Volume 1, No 1, August 2014, Pages 35-41.
	10	M. Abu Hena Mostofa Jamal, Shahedur Rahman, Md. Azizul Islam , Md. Rezaul Karim1, Md. Samsul Alam, Md. Ziaur Rahman. "Minimum Inhibitory Concentration Analysis of Nerium oleander against Bacterial Pathogens." <i>Asian Pacific Journal of Tropical Biomedicine</i> , Volume 2, Issue 3, Supplement, 2012, Pages S1664-S1666.

International Scientific Conference and Symposium

1. Md. Azizul Islam, Liu Jun, Fanwei Meng (2019). Innovations in Rice Blast Research for Durable Resistance and Sustainable Management. The 8th International Rice Blast Conference, May 27-31, 2019, Chengdu, China.
2. Md. Azizul Islam, Yang Cao, Li Yawen (2018). The 2nd Sino-Thailand Microbiological Technology Joint Laboratory Seminar. June 5, 2018, Beijing, China.
3. Md. Azizul Islam, Qiqi Zhao, Yuan Tian, Ning Xu (2017). The 3rd LipidALL International Lipid Metabolism Conference. August, 25-28, 2017, Beijing, China.

4. Md. Azizul Islam, Liu Jun, Xu Ning (2017). The 5th International Conference of Biotic Plant Interactions. August 17-21, 2017, Xiamen, China.
5. Md. Azizul Islam, Yongqi Yu, Junkai Huang, Jinhuan Fung (2016). International Symposium on Lipid Metabolism and Bioenergetics. July, 1-3, 2016, Beijing, China.

Personal Information

Name	Md. Azizul Islam
Father's Name	Md. Bayanuddin Sarder
Mother' Name	Mst. Fatima Khatun
Permanent Address	Vill: Kakbasia, P.O: Annulia P.S: Assasuni, Dist: Satkhira.
Date of Birth	January 02, 1986
Nationality	Bangladeshi (by birth)
Passport no	EE 0787034
Blood Group	A+ (Positive)
Religion	Islam (Sunni)
Marital Status	Married
Male	Sex