

## RESUME OF PROFESSOR DR. MD. ABDUR RAZZAQUE

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### Permanent Address

Village: Barga  
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### Md. Abdur Razzaque

- was born in **1964** in Kalihati upazila of **Tangail district** of Bangladesh and continuing as a Bangladeshi nationality;
- has **excellent academic records (First Division)** in **SSC & HSC** examinations from Dhaka Board in 1979 and 1981, respectively;
- obtained **B. Sc. Ag. (Hons)** and **M. S** in Agricultural Chemistry **with specialization in water toxicity and its long-term effects on soil properties with First Class** from the Bangladesh Agricultural University (BAU), Mymensingh in 1986 and 1995, respectively;
- undertook **Ph.D.** in Agricultural Chemistry **with specialization in salinity and plant nutrition** from the Bangladesh Agricultural University (BAU), Mymensingh in 2007 with the Fellowship from the **University Grants Commission (UGC)**, Dhaka, Bangladesh;
- has around **34 years of job experience**: started as Lecturer in Agricultural Chemistry at the Sher-e-Bangla Agricultural University (SAU) (former Bangladesh Agricultural Institute under BARI) in 1990 and became Assistant Professor, Associate Professor and Professor of Agricultural Chemistry in 2001, 2007 & 2011, respectively and have been teaching and conducting research on Environmental and Agricultural Chemistry in the field of Agriculture;

- serving as **Dean, Post Graduate Studies**, Sher-e-Bangla Agricultural University (SAU) since 1 June 2023 to till date;
- served as **Physical Director (in charge)** of SAU since 5 November 2009 to 30 June 2012 and **Librarian (in charge)** of SAU since 6 September 2012 to 7 September 2013;
- served as two times **Chairman of Agricultural Chemistry Department** of SAU since 2 September 2007 to 1 September 2009 and 8 September 2013 to 7 September 2015;
- served as **Director (Research)**, Sher-e-Bangla Agricultural University Research System (SAURES), since 28 November 2020 to 31 May 2023;
- serving in a number of **important national committees** such as member of **Advanced Studies Board** of Sylhet Agricultural University; **M. S. and Ph.D. Examiner** of Hajee Mohammad Danesh Science & Technology University, Dinajpur; BAU, Mymensingh; PSTU, Patuakhali;
- serving as the **Expert Member for the appointment of Lecturer and Assistant Professor** of the Department of Agricultural Chemistry, Sylhet Agricultural University since 20 June 2012; Patuakhali Science & Technology University since 2018;
- serving as the **Expert Member for the appointment of Associate Professor and Professor** of the Department of Agricultural Chemistry **by the nominee of Hon'ble President of the People's Republic of Bangladesh and Chancellor** of Sylhet Agricultural University since 14 August 2013;
- has a challenging and dynamic professional work based on educational background and also published **39 research publications/articles** in national & international journals;
- served as the elected **General Secretary (GS)** of Sher-e-Bangla Agricultural University Teachers' Association (former BAI) since January 1998 to December 1998; founder member of Neel Dal and **Vice-President** of Sher-e-Bangla Agricultural University Teachers' Association since 2014 to March 2017;
- has excellent proven **track record of presentation, oration, conducting dialogue, conference, workshops, meetings and seminars** at national and

international levels on agricultural policies; has excellent interpersonal and inter-cultural relationships;

- highly **enlightened with the dreams and aspirations of the liberation war of Bangladesh.**

- **Ph.D. Thesis Supervised:02**

Sl. No.	Reg. No	Students Name	Thesis Title
01	13-05795	Mst. Umme Kulchhum	Inorganic fertilizers use efficiency coupled with organic manures under rice-rice cropping pattern in Bangladesh
02	19-10405	Meher Nahid	Production of processing quality Potato through fertilizer management

- **MS Thesis Supervised and Co - Supervised: (60 +31)= 91**

**As Supervisor**

Sl. No.	Reg. No & Passing Year	Students Name	Thesis Title
01	00651 Dec 2008	Md. Sirajul Islam Khan	Assessment of ionic toxicity of water sources and their suitability for irrigation, drinking, livestock and industrial uses
02	00757 Dec 2008	Md. Tazul Islam Chowdhury	Status of chlorinated pesticide residue in some selected vegetables
03	01055/ Dec 2009	Moudud Ahmed	Study of different retransplanting dates on yield and nutrient content of late aman rice (BR22)
04	04-01361 June 2010	Md. Zahirul Islam	Effects of salinity on mineral contents in stem and leaf of rice cultivars differing in salt tolerance
05	04-01349 June 2010	Md. Moksadul Islam	Study on growth and yield of some rice cultivars under different salinity
06	04-01352 June 2010	Tanvir Masum Saikot	Effect of supplemental potassium on the growth and yield of rice differing in salt tolerance
07	04-01426 June 2011	Laila Easmin	Response of wheat ( <i>Triticum aestvum</i> L.) to boron fertilizer
08	05-01653 Dec 2010	Kh. Ashraf-Uz-Zaman	Effects of salinity on germination, morphology and mineral contents of seedlings of different rice ( <i>Oryza sativa</i> L.) cultivars
09	05-01803 June 2011	Bishawnath Sutradhar	Effect of salinity on morphology and mineral content in shoots of some rice ( <i>Oryza sativa</i> ) cultivars

10	05-01558 June 2011	Md. Alam Hossain	Effect of salinity on growth and yield performance of different local and modern rice ( <i>Oryza sativa</i> ) cultivars
11	05-01770 June 2011	Chamon-Ara-Afroz	The effect of nitrogen, phosphors, potassium and sulphur fertilizers on growth and yield of strawberry
12	10-04210 June 2011	Khondoker Md. Ruhul Amin	Effects of urea top dressing and ball placement on the growth, yield and nutrient content of re-transplanted aman rice (BINA sail)
13	04-01436 Dec 2012	Md. Eliyachur Rahman	The effect of different retransplanting dates and seedling numbers per hill on yield and nutrient content of late aman rice binasail
14	05-01671 Dec 2013	Ghulam Sarowar	Effects of different aged seedlings and transplanting dates on yield and nutrient contents of late aman rice cultivars
15	06-01849 June 2013	Md. Imran Hossain	Effect of irrigation and growth regulator on chlorophyll content, relative water content and yield of mungbean ( <i>Vigna Radiate L.</i> )
16	06-01955 June 2013	Md. Oahiduzzaman	Effect of zinc and cowdung on growth, yield and nutrient content of transplanted Aman rice (BRRI Dhan 33)
17	06-01979 June 2013	Md. Mainul Islam	Growth, yield and nutrient contents of mungbean (BARI Mung 6) as affected by nitrogen fertilizer and poultry manure
18	06-02086 June 2013	Matiur Rahaman	Effects of fertilizer and manure with different irrigation management on the yield and nutrient concentration in T. Aman rice
19	11-04704 Dec 2013	Md.Najmus Sadat Ratna	Effects of manure and chemical fertilizer on growth and yield of aromatic rice (BRRI dhan-50)
20	21772/00122 Dec 2013	Md. Emdadul Hoque	Assessment of heavy metal pollutants in soil of barapukuria coal mine areas of Dinajpur
21	07-02494 June 2014	Mominul Haque Rabin	Effects of foliar application of magic growth liquid fertilizer and urea fertilizer on the growth, yield and nutrient contents of aman rice cultivars
22	07-02369 June 2014	Kanak Chandra Roy	Effects of irrigation and sulphur on growth, yield and oil content of mustard ( <i>Brassica campestris</i> Var. SAU Sharisha 2)
23	07-02562 Dec 2014	Parvez Ahmed	Effect of Ca supplementation on growth, yield and nutrient content of two rice cultivars under different saline condition
24	08-03214 Dec 2014	Md. Ainul Haque	Assessment of major chemical constituents of saline soil of greater Khulna district
25	08-02718 Dec 2014	Tahmina Zaman Tonoya	Effect of organic manure and urea fertilizer on growth, yield and nutrients content of green amaranth
26	08-02828 Dec 2014	Meer Towhid-Ul-Islam	Effect of sulfur and boron on the growth, yield, oil and nutrients content of BARI Til-4

27	08-02892 Dec 2014	Md. Mokul Arfan	Effect of NPK on the growth and yield of aromatic rice cultivars
28	08-03056 June 2015	Md. Mainuddin Shad	Effect of boron and zinc on growth, yield and nutrient content of BARI Tomato-2
29	09-03539 June 2015	Almamun	Effect of potassium and sulphur on growth, yield and nutrient content of BARI Piaz-4
30	09-03655 June 2015	Arshul Azam	Combined effect of sulphur and boron on growth, yield, oil and nutrient content of mustard (BARI Sharisha 9)
31	10-03993 June 2016	Md. Lutfey Al Mueez	Effects of cadmium on growth, yield and nutrients content of BRRRI dhan29, BRRRI dhan60 and BRRRI dhan61
32	10-04026 June 2016	Md. Abu Sayed	Evaluation of the repellents effect of different botanical extract on tomato insects
33	10-04049 June 2016	Md. Mahmud Hasan	Effects of boron and zinc on the growth, yield and nutrients content of lentil
34	10-04072 June 2016	Md. Mahbubul Alam	Effect of GA <sub>3</sub> and nitrogen on growth, yield and protein content of Mungbean
35	10-04161 Dec 2016	Md. Rabiul Islam Mondol	Influence of irrigation and foliar application of boron fertilizer on growth, yield and nutrients content of BARI Gom 26
36	11-04292 June 2017	Shamima Ara Shorna	Growth, yield and nutrient content of tomato as influenced by different growth hormones
37	11-04499 June 2017	Md. Motiur Rahman Sourav	Effect of salinity on growth, yield and nutrient contents in different wheat ( <i>Triticum aestivum</i> L.) cultivars
38	11-04560 June 2017	Mohammad Ashik Elahi Shohel	Influence of vermicompost and inorganic fertilizers on mitigation of arsenic stress in BRRRI dhan47
39	11-04604 June 2017	Md. Tanzim Islam	Effect of arsenic on the growth, yield and arsenic content in leaf and grain of maize ( <i>Zea mays</i> )
40	11-04571 Dec 2017	Nur Alam Shopon	Performance of rice cultivars to different concentrations of arsenic at seedling stage
41	12-05094 Dec 2017	Md. Arif Islam	Effect of different levels of potassium on nodulation, quality, yield and nutrient uptake of Mungbean
42	12-04813 June 2018	Md. Tanvir Hasan	Mitigation of arsenic stress in BRRRI dhan29 with cowdung and inorganic fertilizers
43	12-05177 June 2018	Md. Intazul Haque	Effect of cowdung and inorganic fertilizers in BRRRI dhan47 under arsenic stress condition
44	12-04984 June 2018	Nahid Sultana	Effect of nitrobenzene on plant growth, yield and minerals content of tomato
45	10-03952 Dec 2018	Md. Ashraful Haque	Effect of tillage methods and biochar on carbon and nitrogen cycling in soils
46	12-05140 Dec 2018	Bilash Chandra	Integrated nutrient management for quality yield of field pea and maintenance soil health
47	18-09281 Dec 2020	Md. Mahadi Hasan	Effects of foliar application of boron on growth, yield and nutrients content of tomato
48	18-09286	Mst. Isme Tara	Effects of boron and irrigation on growth,

	Dec 2020		yield and nutrients content of mustard (BARI Sarisha-14)
59	14-06101 June 2021	Md. Mahamudul Hasan	Effects of salinity on growth, yield and nutrient content of two onion cultivars
50	14-06259 June 2021	Monirul Islam	Effects of salinity on germination, initial growth stage and nutrient contents of Mungbean
51	15-06707 Dec 2021	Md. Mahmudul Hasan Manik	Influence of different levels of potash and sulfur on growth, yield, storage life and nutrients content of BARI Piaz-6
52	19-10310 Dec 2021	Md. Omar Faruk	Effect of insecticides application timing on insect pest attack, growth, yield and nutrients content of mustard
53	19-10386 Dec 2021	Md. Shamimuzzaman	Effects of Mg, Zn, Mn and B on growth, yield and oil content of Sunflower
54	15-06843 June 2022	Md. Angor Hossain	Effects of organic and inorganic fertilizers on growth, yield and nutrients content of capsicum ( <i>Capsicum annuum</i> , L.)
55	15-06556 June 2022	Md. Zulkar Nain	Effects of salinity on growth, yield and nutrients content of capsicum
56	11-04532 June 23	Mahbuba Siddika	Effects of potassium supplementation by foliar application on growth, yield and nutrients content of BARI Piaz 6 under different salinity levels
57	16-07082 June 23	Afroza Khanam Ripa	Assessment of heavy metals in industrial waste water and soil collected from Valuka and Kaliakoir upazilas of Bangladesh
58	16-07171 June 23	Md. Shoukat Hossen	Accumulation of arsenic in modern rice varieties from arsenic treated soil and its effect on nutrients content
59	16-07209 June 23	Milon Kobir	Effects of chitosan and calcium on growth, yield, storage and biochemical qualities of tomato under salt stress
60	16-07045 June 23	Humayra Nargis Dina	Influence of cowdung and humic acid on growth, yield and nutrients content of BRRI dhan103 under drought stresses

• **As Co - Supervisor:**

Sl. No.	Reg. No & Passing Year	Students Name	Thesis Title
01	03-01210 June 2010	S. M. Hasanuzzaman	Effects of boron on the growth and yield of Mungbean
02	08-03180 June 2010	Md. Ahsan Habib	The effect of urea on the yield and protein content of two cultivars of Mungbean
03	04-01354 June 2011	Faruk Hossain Khan	Assessment of ionic toxicity on buriganaga river water from industrial effluents
04	05-01711 June 2011	Naowshin Zahan	Effect of urea super granula on the yield of T. Aman and nutrient content

05	04-01407 June 2011	Mohammad Nurul Islam	Assessment of ionic toxicity of water resources in Rajbari district of Bangladesh
06	94-01490 Dec 2012	Wasma Armin	Combined effect of organic and inorganic fertilizers on the growth, yield and nutrient contents of Mungbean (BARI mung-6)
07	05-01667 June 2013	Md. Rakibul Hasan	Influence of nitrogen and zinc on growth, yield and nutrient contents of BRRI dhan33
08	06-01893 June 2013	Dipaion Sarker	Effects of poultry manure incorporated with nitrogenous and sulfur fertilizer on the growth, yield, chlorophyll and nutrient contents of BRRI dhan33
09	06-01939 June 2013	Rabiul Islam	Comparative study of salinity tolerance between two rice varieties Binadhan-10 and BRRI Dhan47
10	07-02438 June 2014	Bijoy Kumar Shaha	Comparative study of combined application of different organic and inorganic nitrogenous fertilizers on the growth, yield and nutrient content of Aman rice cultivars
11	07-02445 June 2014	Md. Najmul Haque	Effects of different retransplanting dates on yield and nutrient contents of late aman rice cultivars
12	09-03641 June 2016	Chandan Sutradhar	Assessment of physico-chemical properties of water of the river Shitalakhya and Balu river
13	10-04024 June 2016	Md. Forhad Hossen	Combined effect of potassium and boron on the growth, yield and nutrient contents of Mungbean
14	10-04040 June 2016	Md. Shamim Al Mamun	Effect of foliar fertilization of potassium on growth, yield and nutrients content of BRRI dhan29 under different salinity
15	10-04166 June 2016	Bilash Chandra Paul	Effects of arsenic on growth, yield and nutrients content of BRRI dhan29 and Binadhan-8
16	09-03660 Dec 2016	Md. Kabirul Islam	Potencies of some selected vegetables in Bangladesh as bio-herbicide
17	11-04331 June 2017	Momenul Islam	Toxic effect of chromium on growth, yield and nutritional attributes of BRRI dhan69 and BRRI dhan74
18	11-04541 June 2017	Taslima Khatun	Remediation of salt stress on growth, yield and nutrient content of Bina dhan 10 and BRRI dhan 29 by different fertilization method of TSP
19	11-04620 June 2017	Md. Muradul Islam	Assessment of different heavy metals of winter vegetables grown at different places of Savar Thana under Dhaka District
20	12-05213 Dec 2017	Md. Faridi Hasan	Effect of nitrogen and phosphorus on growth, yield and protein content of BARI Alu-35
21	12-04759 June 2018	Mosiur Rahman	Assessment of different heavy metals of winter vegetables collected from six different

			districts of north bengal of Bangladesh
22	12-04733 June 2018	Md. Abdul Owhab Mridha	Alleviation of adverse effects of salt stress in tomato by foliar application of salicylic acid
23	13-05487 June 2020	Md. Romjan Ali	Salinity tolerance on 4 winter vegetables
24	12-04921 Dec 2020	Md. Mortuza Ali	Effects of salt stress on germination, growth, yield and ions content of mustard
25	18-09313 Dec 2020	Dheeman Chandra Dhali	Effects of salicylic acid on rowth, yield and nutrients of okra (BARI Dherosh-2) under different levels of salinity
26	19-10323 Dec 2021	Md. Asikur Rahman Chowdhury	Effect of arsenic on growth, yield and nutrients content of five boro rice varieties
27	15-06759 June 2022	Md. Shehab Sarker	Effects of different levels of arsenic on growth, yield and nutrients content of BR-14, BRRI dhan58, BRRI dhan67, BRRI dhan88 and BRRI dhan92
28	15-06739 June 23	Md. Bayezid Khan	Assessment of heavy metals contamination of root crops in different area of Netrokona
29	16-07326 June 23	Abdulla Al Bakky	Fatty acid and nutrient composition of Perilla seed oil collected from different places of Bangladesh
30	16-07333 June 23	Md. Nabi Hossain Shamim	Determination of heavy metals in plant and animal origin foods collected from different market places of Kishoregonj district
31	16-07404 June 23	Julfiker Habib	Assessment of heavy metal concentrations in selected vegetables collected from Durgapur Netrokona and their related health risk

### LIST OF PUBLICATIONS (39)

#### International Journals:

1. M. L. Al-Mueez, **M. A. Razzaque**, M. H. Rabin, M. A. Rouf and S. S. Zamil. 2019. Influence of Cadmium on Growth and Nutrients Content of Three Rice Cultivars. IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT), 13(4): 77-83.
2. M.H. Rabin, **M.A. Razzaque**, S.S. Zamil, Kh. Ashraf-Uz-Zaman, M.A. Siddik and S. Islam. 2016. Growth Parameters of Aman Rice as Influenced by the Foliar Application of Urea and Magic Growth Liquid Fertilizer. International Journal of Current Research, 8(04):29069-29073.
3. M.H. Rabin, **M.A. Razzaque**, S.S. Zamil, Kh. Ashraf-Uz-Zaman and M. A. Siddik. 2016. Foliar Application of Urea and Magic Growth Liquid Fertilizer on the Yield and Nutrient Content of Aman Rice Cultivars. American- Eurasian Journal of Agriculture & Environmental Science, 16(4): 737-743.

4. **M. A. Razzaque**, M. Abdul Baset Mia, N. M. Talukder, M.A. Hakim and R. K. Dutta. 2011. Adjustment of mineral ratio and composition in rice genotypes under varied salinity regimes. *Archives of Agronomy and Soil Science*, 57(3): 251-259.
5. **M. A. Razzaque**, N. M. Talukder, M.T. Islam and R. K. Dutta. 2011. Salinity Effect on Mineral Nutrient Distribution along Roots and Shoots of Rice (*Oryza sativa* L.) Genotypes Differing in Salt Tolerance. *Archives of Agronomy and Soil Science*. 57(1): 33-45.
6. M.T.I. Chowdhury, **M. A. Razzaque** and M.S.I. Khan. 2011. Chlorinated Pesticide Residue Status in Tomato, Potato and Carrot. *Journal of Experimental Science*, 2(1): 01-05.
7. M.S.I. Khan, **M.A. Razzaque**, M.T.I. Chowdhury and Mirza Hasanuzzaman. 2011. Ionic Toxicity Assessment of Water Sources and their Suitability for Irrigation, Drinking, Livestock and Industrial Purposes. *Journal of Experimental Science*, 2(1): 16-20.
8. **M. A. Razzaque**, N. M. Talukder, R. K. Dutta and S. S. Zamil. 2010. Efficacy of Supplemental Calcium on the Growth of Three Rice Genotypes Differing in Salt Tolerance. *Journal of Plant Nutrition*, 33(4): 571-586.
9. **M.A. Razzaque**, N.M. Talukder, T. S. Roy, Mirza Hasanuzzaman, A. K. Bhadra. 2010. Salinity Stress Effect on Biochemical Changes in Leaves of Rice Genotypes Differing in Salt Tolerance. *Recent Research in Science and Technology*, 2(1): 40–46.
10. M.S. Islam, M.A. Karim, A. Hamid, **M.A. Razzaque** and T. S. Roy. 2010. Genetic Diversity Analysis in Mungbean [*Vigna radiata* (L.) Wilczek] Under Water Stress. *International Journal of Agriculture Environment and Biotechnology*, 3(2): 213-217.
11. **M. A. Razzaque**, N. M. Talukder, M. S. Islam, A.K. Bhadra and M.A. Baset. 2009. Effect of Calcium Supplementation on N, P, K, Na, Ca, Mg and S Content in Shoot of Rice under Different Salinity Levels. *International Journal of Agriculture Environment and Biotechnology*, 2(3): 243-254.
12. T.S. Roy, T. Nishizawa, M.S. Islam, **M.A. Razzaque** and M. Hasanuzzaman. 2009. Potentiality of Small Seedling Tuber derived from True Potato Seed (*Solanum tuberosum* L.) and its Economic Return as Affected by Progeny and Clump Planting. *International Journal of Agriculture Environment and Biotechnology*, 2(4): 383-390.
13. **M. A. Razzaque**, N. M. Talukder, M. S. Islam, A.K. Bhadra and R. K. Dutta. 2009. The Effect of Salinity on Morphological Characteristics of Seven Rice (*Oryza*

*sativa*) Genotypes Differing in Salt Tolerance. Pakistan Journal of Biological Sciences, 12(5): 406- 412.

14. M.S. Islam, M.A. Karim, **M.A. Razzaque**, A.K. Bhadra and M.M.U. Rashid. 2009. Water Relations, Growth and Yield Response of Mungbean [*Vigna radiata* (L.) Wilczek] to Water Stress at First Trifoliolate. International Journal of Agriculture Environment and Biotechnology, 2(2):156-160.
15. M.A. Latif, **M. A. Razzaque** and M.M. Rahman. 2008. Impact of Some Selected Insecticides Application on Soil Microbial Respiration. Pakistan Journal of Biological Sciences, 11(16): 2018-2022.
16. T. Afroz, Kh. A. Zaman, M. A. Halim, **M. A. Razzaque** and S. S. Zamil. 2014. Effect of Sulphur and Boron on Yield and Nutrients Content of BRR1 Dhan30. International Journal of Business, Social and Scientific Research, 2(2): 161-168.
17. Kh. A. Zaman, M. A. Halim, M. A. Hossain, **M. A. Razzaque**, S. S. Zamil and F. Khatun. 2015. Consequences of Salinity on Growth and Yield Performance of Rice (*Oryza sativa* L.). International Journal of Business, Social and Scientific Research, 3(4): 223-229.

### **National Journals:**

18. **M. A. Razzaque**, N. M. Talukder, A.K. Bhadra and M.A. Baset Mia. 2010. Salinity Effect on Germination and Mineral Content in Seedling of Different Rice Genotypes. Journal of Experimental Biosciences, 1(1): 95- 100.
19. M.S.I. Khan, **M.A. Razzaque**, M.T.I. Chowdhury and A.R. Mazumder. 2010. Toxicity Assessment of Groundwater in Different Aquifers of Kushtia District in Bangladesh. Bangladesh Journal of Progressive Science & Technology. 3(1): 183-186.
20. **M.A. Razzaque**, N.M. Talukder, M. S. Islam and A.K. Bhadra. 2008. Effect of Salinity on Mineral Content in Different Plant Parts of Rice Genotypes. Journal of Sher-e-Bangla Agricultural University, 2(2): 47- 56.
21. **M.A. Razzaque**, N.M. Talukder, A.K. Bhadra and M.S. Islam. 2008. The Effect of Salinity on Seedling Growth of Different Rice Genotypes. Journal of Sher-e-Bangla Agricultural University, 2(2): 85- 93.
22. M.D. Islam, M.A. Latif, R. Begum, **M. A. Razzaque** and Akhtar Akhy. 2007. Effect of Neem Oil on Food Consumption, Growth and Development of Jute Hairy Caterpillar, *Spilarctia obliqua* (Walker). International Journal of Sustainable Agricultural Technology, 3(4): 1-5.

23. F.M.A. Haque, M. A. Islam, R. Begum, **M. A. Razzaque** and M.H. Rashid. 2007. Seasonal Fluctuation of Ionic Toxicity in Pond Water and Its Suitability in Aquaculture. *International Journal of Sustainable Agricultural Technology*, 3(4): 6-9.
24. **M. A. Razzaque**, M. S. Miah, A.T.M. Shamsuddoha, M.W. Zaman and R. Bagum. 2006. Effect of Long Term Surface and Ground Water Irrigation on Fertility Status of Some Surface and Subsurface Soils in Bangladesh. *Journal of Agricultural Sciences and Technology*, 7 (1&2): 54-61.
25. P.C. Mandal, G. Mandal, K.U. Ahmed and **M. A. Razzaque**. 2006. Analysis of Molasses and Study of the Kinetics of Ethanol Production from Molasses Using Yeast. *International Journal of Engineering and Technology*, 3(1): 1-6.
26. **M. A. Razzaque**, and M.W. Zaman. 2005. Ionic Toxicity Assessment in Ground Water for the Use of Industrial and Irrigation at Kalihati Thana in Tangail District. *Bangladesh Journal of Scientific and Industrial Research*, 40 (1-2): 143-152.
27. **M. A. Razzaque**, M. S. Miah, M. W. Zaman, M. H. Akand and A. K. Paul. 2004. Quality Assessment of Surface and Ground Water for Irrigation at Some Villages of Tangail District in Bangladesh. *Journal of Subtropical Agricultural Research and Development*, 2(3): 10-18
28. **M. A. Razzaque**, M. S. Miah, A.K Bhadra, M.W. Zaman and R. Bagum. 2004. Quality Assessment of Some Shallow Tubewells Water for Irrigation at Tangail District in Bangladesh. *Journal of Agricultural Sciences and Technology*, 5(1&2): 34-41.
29. F.A.M. Haque, M.M. Rahman, M.A. Islam and **M. A. Razzaque**, 2004. Seasonal Fluctuation of Fresh Water Toxicity in Bera Thana under Pabna District. *Journal of Agricultural Education and Technology*, 7(1&2): 57-62.
30. **M. A. Razzaque**, M.K. Islam, M.S Miah and M.W. Zaman. 2003. Quality of Surface and Ground Water for Irrigation at Tangail District in Bangladesh. *Journal of Agricultural Education and Technology*, 6(1&2) 45-50.
31. **M. A. Razzaque**, M. S. Miah, R. Begum, M. W. Zaman and R. Begum. 2001. Consequences of Ground Water Irrigation on the Physico- Chemical Properties of Old Brahmaputra Flood Plain Soil. *Journal of Agricultural Education and Technology*, 4(1&2): 67-72.
32. **M. A. Razzaque**, M. W. Zaman, M. S. Miah, G. N. C. Sutradhar and R. Begum. 2000. Impact of Long-Term Ground Water Irrigation on Some Physico-Chemical Properties of Jamuna Flood Plain Soil in Bangladesh. *Journal of Agricultural Education and Technology*, 3(1&2): 69-72.
33. **M. A. Razzaque**, A. T. M Shamsuddoha, M. A. Khan, and M. W. Zaman. 1998. Effect of Surface and Ground Water irrigation on Some Physico- Chemical

Properties of Surface and Subsurface Soils. Journal of Agricultural Education and Technology, 1(2): 142- 147.

34. M. W. Zaman and **M. A. Razzaque**. 1998. Influence of Longterm Groundwater Irrigation on the Physical Properties of Jamuna Flood Plain Soil. Bangladesh Journal of Agricultural Sciences, 25(1): 45- 50.
35. M. A. Baset Mia, M. Arshad Ali, M. Wazuddin, M. A. Karim and **M. A. Razzaque**. 1994. Morphology and Yield Performance of Some Coarse and Fine Rice Varieties. Bangladesh Journal of Nuclear Agriculture, 10: 67- 74.
36. T.S. Roy, M.S. Rahman, M. Mostofa, M. Nahid and **M.A. Razzaque**. 2021. Yield and Quality of Potato as Influenced by Bio-adsorbent in Arsenic Treated Soil. Journal of Sher-e-Bangla Agricultural University, 12(1&2): 1-7.
37. **M. A. Razzaque**, S. S. Zamil, M. M. Hasan and M. Siddika. 2021. Effects of Salinity on Growth, Yield and Nutrients Content of Two Onion Cultivars. Journal of Sher-e-Bangla Agricultural University, 12(1&2): 27- 32.
38. T.S. Roy, M.S. Rahman, M. Mostofa, M. Nahid, M. G. Khatun and **M.A. Razzaque**. 2022. Effect of Rice Husk on Arsenic Accumulation in Potato Plant under Different Levels of Arsenic Treated Soil. Bangladesh Agronomy Journal, 25(1): 67-73.
39. M. M. Islam, M. W. Ahmed, M. H. Rabin, **M. A. Razzaque**, M. Hasan, M. Siddika and S. S. Zamil. 2022. Status and health risk assessment of heavy metals in vegetables grown in industrial areas of Bangladesh. International Journal of Environmental Analytical Chemistry, DOI: 10.1080/03067319.2022.2118590

## Research Projects:

### List of Projects prepared with Status of Award:

SL	Title	Funded By	Status
1.	Assessment of Heavy Metals in Winter Vegetables Grown in Different Locations of Savar Thana under Dhaka District	Ministry of Science and Technology Government of Peoples` Republic of Bangladesh;Year: 2016-17	Awarded
2.	Strengthening and Expansion of Research Capabilities for Post-Graduate Program in Agro-Environmental Chemistry; Entity: Shere Bangla Agricultural University	World Bank and University Grants Commission (UGC) of Bangladesh Year: 2014-2016	Awarded
3.	Effect of Arsenic on Growth, Yield and Nutrient Contents of Boro Rice	Ministry of Science and Technology Government of Peoples` Republic of Bangladesh; Year: 2015-16	Awarded
4.	Strengthening of Research Capabilities for Post-Graduates Programs in Agricultural Chemistry; Entity: Shere Bangla Agricultural University (SAU) and Bangladesh Agricultural University	World Bank and University Grants Commission (UGC) of Bangladesh Year: 2013-2015	Awarded

5.	Comparative Study on the Effect of Salinity and Ca Supplementation on Growth, Yield and Nutrient Content of Binadhan-8 and BRRI Dhan 29	Sher-e-Bangla Agricultural University Research System (SAURES) Year: 2014-15	Awarded
6.	Inorganic Fertilizers Use Efficiency Coupled with Organic Manures under Rice-Rice Cropping Pattern in Bangladesh	Ministry of Science and Technology Government of Peoples` Republic of Bangladesh;Year: 2013-14	Awarded
7.	Effects of Different Aged Seedlings and Transplanting Dates on Yield and Nutrient Content of Late Aman Rice Cultivars	Sher-e-Bangla Agricultural University Research System (SAURES); Year: 2013-14	Awarded
8.	A Field Study and Demonstration of Yield Performance of Retransplanted Late Aman Rice at Flood Affected Area of Kalihati Thana under Tangail District	Ministry of Science and Technology Government of Peoples` Republic of Bangladesh; Year: 2011-12	Awarded
9.	The effect of different retransplanting dates and seedling numbers per hill on yield and nutrient content of late Aman rice BINA-sail	Sher-e-Bangla Agricultural University Research System (SAURES); Year: 2011-12	Awarded
10.	A Survey for Identification and Introduction of Salt Tolerant Rice Cultivars in Saline Area of Bangladesh	Ministry of Science and Technology Government of Peoples` Republic of Bangladesh;Year: 2009-10	Awarded
11.	K supplementation for reclamation of salinity and better growth and yield of rice	Sher-e-Bangla Agricultural University Research System (SAURES); Year: 2008-09	Awarded

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