

# Faysal Ahmed

Assistant Professor

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## Professional Summary

Self-motivated Agriculturist and educator committed to provide high-quality research and teaching in Agricultural sciences. Research skills covered a wider field of Agriculture and Environmental Science including plant nutrition and soil fertility.

## Education

2015	<b>Master of Science in Soil Science</b> Sher-e-Bangla Agricultural University <b>CGPA 3.87 (4.00)</b>
2013	<b>Bachelor of Science in Agriculture (Honours)</b> Sher-e-Bangla Agricultural University ( <b>Dean's Awardee</b> ) <b>CGPA 3.64 (4.00)</b>

## Experience

- With five (05) years of experience teaching undergraduate courses at Sher-e-Bangla Agricultural University, I have demonstrated expertise in engaging students, designing comprehensive curricula, and providing mentorship for academic and research success.
- Strong organisational and time management ability demonstrated while working as a Research Associate and university teacher of honours courses with steady deadlines and time pressure.

## Employment history

Position	Time
<b>Assistant professor</b> Department of Soil Science, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh	27-12-2020 to date
<b>Lecturer</b> Department of Soil Science, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh	27-12-2018 to 26-12-2020

## Skills

- **Experience** in designing experiments in net house and field conditions, crop production, crop nutrition and soil fertility management, irrigation management, remediation of contaminated soil for safe crop production and managing adverse climatic conditions.
- **Experience** in handling laboratory equipment including pH and conductivity meter, UV-vis-Spectrophotometry, digestion equipment and others.
- **Strong organisational and time management skills**, including the ability to handle several projects at a time when required, prioritise tasks as changes required and work under pressure.
- **Outstanding verbal and written communication skills**, working well with key professionals and multicultural community as a team member, comfortable in virtual communication.
- **Self-motivated, Enthusiastic, and reliable**, with a strong work ethic and desire for success.

## Research Grant

Year	Funding body	Title	Investigator type
2023-2024	Ministry of Science and Technology, Dhaka, Bangladesh	Performance of tomato to different levels of chitosan raw material (shrimp shell powder)	Principal Investigator

2022-2023	Ministry of Science and Technology, Dhaka, Bangladesh	Performance of sweet pepper varieties to different levels of chitosan raw material (shrimp shell powder)	Principal Investigator
2021-2022	Ministry of Science and Technology, Dhaka, Bangladesh	Effect of chitosan-raw-materials on grain yield and agronomic traits of Transplanted Aman rice	Principal Investigator
2019-2020	Ministry of Science and Technology, Dhaka, Bangladesh	Salicylic acid-induced seedling strength of newly released Boro rice varieties	Principal Investigator

## Research Publications

### Journal Articles:

- 01** Ahmed F., Mollick M. O. A., Uddin M. H., Pervin R., Issak M. (2024). Growth and yield performance of Sweet Pepper varieties by exogenous application of chitosan-raw-material (Shrimp shell powder). *International Journal of Biosciences*, 24(3): 104-111. <https://innspub.net/growth-and-yield-performance-of-sweet-pepper-varieties-by-exogenous-application-of-chitosan-raw-material-shrimp-shell-powder/>
- 02** Ahmed F., Mollick M. O. A., Pervin R., Hoque M. A. (2024). Yield performance of different aromatic rice genotypes and their morpho-physiological attributes. *International Journal of Biosciences*, 24(4): 91-100. <https://innspub.net/yield-performance-of-different-aromatic-rice-genotypes-and-their-morpho-physiological-attributes/>
- 03** Ahmed F., Issak M., Pervin R. (2024). Impact of chitosan-raw-material (Shrimp shell powder) on the grain yield and agronomic characteristics of transplanted aman rice (BRRI dhan56). *International Journal of Biosciences*, 24(4): 115-122. <https://innspub.net/impact-of-chitosan-raw-material-shrimp-shell-powder-on-the-grain-yield-and-agronomic-characteristics-of-transplanted-aman-rice-brr-dhan56/>
- 04** Afroz M. A., Paul A. K., Mollick M. O. A., Ahmed F., Ahmed T. (2023). Soil amendment with biochar improves wheat (*Triticum aestivum* L.) growth, yield and post-harvest soil properties. *International Journal of Biosciences*, 23(6): 165-177. <https://innspub.net/soil-amendment-with-biochar-improves-wheat-triticum-aestivum-l-growth-yield-and-post-harvest-soil-properties/>
- 05** Bhuiyan A. K., Hossain M. K., Mia M. D., Ahmed F., Halim A. (2023). Effect of Household Solid Waste Compost on Growth and Yield of Tomato (*Lycopersicon esculentum* L.) in Agroforestry System. *Journal of Scientific Research and Reports*, 29(7): 32-42. <https://journaljsrr.com/index.php/JSRR/article/view/1758>

- 06** Bithy P. A., Uddin S. M. B., Ahamed K. U., Akhter N., Alam I., **Ahmed F.** (2020). Effect of transplanting geometry on the yield of scented fine rice varieties in aman season. International Journal of Biosciences, 16(4): 46-55. <https://innspub.net/effect-of-transplanting-geometry-on-the-yield-of-scented-fine-rice-varieties-in-aman-season/>

More details of my all publications are listed on the following links.

<https://www.researchgate.net/profile/Faysal-Ahmed-20>

### Test Scores

- **International English Language Testing System (IELTS)** – March, 2024  
Overall: **7.0** (Listening: 6.5, Reading: 7.0, Writing: 6.5, Speaking: 7.0)

### Professional Membership

- Agriculturist Institution Bangladesh
- Bangladesh Academy of Science
- Sher-e-Bangla Agricultural University Alumni Association

### Referees

#### **Dr. Mohammad Issak**

Professor

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#### **Dr. A. S. M. Fazle Bari**

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