
Md. Shahidur Rahman.....



Associate Professor (Botany)

Open School

Bangladesh Open University, Gazipur-1705, Bangladesh

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Area of Specialization and Research Interest

Plant Taxonomy, Cytogenetics, Molecular Cytogenetics, Study of Plant chromosome, Environment and Climate Change issues, Medicinal Plant, Ethnobotany, Media Program, and Open & Distance Learning, e-Learning

Educational Qualification (A)

- Doctor of Philosophy (PhD) from Dhaka University entitled “Cytotaxonomy of Medicinally Important *Phyllanthus* spp. in Bangladesh”. (held in 2020)
- Master of Science (With Thesis) in Botany from Dhaka University (held in 2007)
- Bachelor of Science (With Four Years Integrated Course) in Botany from Dhaka University (held in 2006)
- HSC from Dhaka Board in Science group (held in 2001)
- SSC from Jessore Board in Science group (held in 1999)
- Bachelor of Education from Bangladesh Open University (held in 2025)

Educational Qualification (B)

- Certificate course on “Successfully completed the course on ‘Computer Fundamentals, MS Office and Internet Applications’ from Institute of Information Technology, University of Dhaka (held from November 2008 to January 2009)
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Professional Experience

- Associate Professor (Botany), Open School, Bangladesh Open University, Gazipur-1705 (BOU): 12 October 2022 to till now.
 - Assistant Professor (Botany), Open School, Bangladesh Open University, Gazipur-1705 (BOU): 25 October 2014 to 11 October 2022.
 - Lecturer (Botany), Open School, Bangladesh Open University, Gazipur-1705 (BOU): 30 January 2011 to 24 October 2014..
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List of Publications (Reviewed Articles)

- 1) Foysol, M. A., Maisha, M. H., **Rahman, M. S.**, & Alam, M. A. (2026). Floristic Composition, Utilization and Local Perception of Madhupur Sal Forest, Tangail,

Bangladesh. *Bangladesh Journal of Botany*, 55(2): 257-268, 2026 (June), 257-268. DOI: <https://doi.org/10.3329/bjb.v55i2.91193>

- 2) Foysol, M. A., Maisha, M. H., Dorin, N. T., & **Rahman, M. S.** (2024). Ethnomedicinal Flora Utilized in Traditional Healthcare Practices by Local Inhabitants of Mymensingh, Bangladesh. *Journal of Scientific and Technological Research*, 6(1), 38-58. [https://doi.org/10.59738/jstr.v6i1.24\(38-58\).bycp4137](https://doi.org/10.59738/jstr.v6i1.24(38-58).bycp4137)
- 3) **Rahman, M. S.**, Dash, C. K., & Sultana, S. S. (2024). Chromosomal Characterization of Five Medicinally Significant *Phyllanthus* Species in Bangladesh by DNA Base-Specific Fluorochrome Banding Technique. *Journal of Herbs, Spices & Medicinal Plants*, 30(4), 442-455. DOI: <https://doi.org/10.1080/10496475.2024.2384023>
- 4) **Rahman, M. S.**, Hassan, M. A., & Sultana, S. S. (2024). Phylogenetic analysis among five medicinally significant *Phyllanthus* L. Species in Bangladesh based on taxonomic and molecular approach. *Dhaka University Journal of Biological Sciences*, 33(1), 121-131. DOI: <https://doi.org/10.3329/dujbs.v33i1.72490>
- 5) **Rahman, M. S.**, & Rana, M. M. (2023). Empowering SSC Learners with Disability at Bangladesh Open University through Open and Distance Learning. *Journal of Scientific and Technological Research*, 5(1), 9-16. DOI: [https://doi.org/10.59738/jstr.v5i1.23\(9-16\).iwhq3481](https://doi.org/10.59738/jstr.v5i1.23(9-16).iwhq3481)
- 6) **Rahman, M. S.** (2023). Pharmacological Properties of *Phyllanthus urinaria* L.: An Overview. *Journal of Teacher Education*, 8(1), 75-86. ISSN 1812-7517.
- 7) **Rahman, M. S.**, Sultana, S. S. & Hassan, M. A. (2021). Variable Chromosome Number and Ploidy Level of Five *Phyllanthus* Species in Bangladesh. *Cytologia*, 86(2), 143-148.
- 8) Rahman, M. S. (2019). Karyomorphological Study of *Enhydra fluctuans* Lour. (Asteraceae). *Bangladesh J. Sci. Ind. Res.*, 54(4), 283-288.
- 9) Dash, C. K., **Rahman, M. S.**, & Afroz, M. (2019). Karyological Investigation of *Calotropis gigantea* (L.) W. T. Aiton and *Centella asiatica* (L.) Urban: Two Important medicinal Plants of Bangladesh. *Journal of Applied Research on Medicinal and Aromatic Plants*, 14 (2019), 100221.
- 10) **Rahman, M. S.** (2018). Chromosomal Study of *Limnocharis flava* (L.) Buchenau. *Bangladesh Open University Journal of Open School*, 7(1), 11-20.
- 11) Husain, I., **Rahman, M. S.**, & Islam, M. N. (2016). SSC Programme of Bangladesh Open University: Upcoming Challenges and Way out of Remedies. *Bangladesh Open University Journal*, 3(1), 163-174.

- 12) মোঃ শহীদুর রহমান এবং মুহাম্মদ জসীম উদ্দিন (২০১৬)। সেন্টমার্টিন দ্বীপের ভূ-প্রকৃতি ও জীববৈচিত্র্য: একটি ভৌগোলিক সমীক্ষা। *Bangladesh Open University Journal of Open School*, 5(1), 135-150.
- 13) Shamim, A. H. M., Moniruzzaman, M., & Rahman, M. S. (2015). Study on Salt Accumulation in Soil Layers as Affected by Different Concentration of Saline Water. *Journal of Soil and Nature (JSN)*, 8(2), 30-32.
- 14) মুহাম্মদ জসীম উদ্দিন এবং মোঃ শহীদুর রহমান (২০১৪)। খোলাই খালের ইতিহাস: একটি ভৌগোলিক সমীক্ষা। *স্থানীয় ইতিহাস*, ১২, ৪৬-৫৭।
- 15) Sattar, M. A., Rahman, M. S., & Roy, S. (2014). Earthquake Vulnerable Sectors in Bangladesh and Some Measures for Risk Reduction: An Observation. *J. Innov. Dev. Strategy*, 8(2), 1-9.
- 16) Alam, S. S., Zaman, M. Y., & Rahman, M. S. (2010). Localization of 5S rDNA and 18S-5.8S-25S rDNA Probes in *Crinum Latifolium* L. Genome. *Bangladesh J. Bot.*, 39(2), 199-205.

List of Publications (Academic Book)

- 1) মোঃ শহীদুর রহমান এবং অন্যান্য (২০১৭)। *জীববিজ্ঞান প্রথম পত্র*, এইচএসসি প্রোগ্রাম, ওপেন স্কুল, বাংলাদেশ উন্মুক্ত বিশ্ববিদ্যালয়, ISBN 978-984-34-3167-7;
- 2) মোঃ শহীদুর রহমান এবং অন্যান্য (২০১৭)। *জীববিজ্ঞান*, এসএসসি প্রোগ্রাম, ওপেন স্কুল, বাংলাদেশ উন্মুক্ত বিশ্ববিদ্যালয়, ISBN 978-984-34-3135-6;
- 3) মোঃ শহীদুর রহমান এবং অন্যান্য (২০১৭)। *বিজ্ঞান*, এসএসসি প্রোগ্রাম, ওপেন স্কুল, বাংলাদেশ উন্মুক্ত বিশ্ববিদ্যালয়, ISBN 978-984-34-3134-9;

Research Experience

- MS Thesis entitled “Physical Mapping with 5S rDNA and 18S-5.8S-25S rDNA probes in the genome of *Crinum latifolium* L.”.
- PhD Thesis entitled “Cytotaxonomy of Medicinally Important *Phyllanthus* spp. In Bangladesh”.
- Act as a Co-supervisor of MPhil and PhD program till now

Research Project

1. Md. Shahidur Rahman (Co-researcher), Sufferings of BOU Students: Causes and Remedies, Funded by BOU, Session 2013-2014.
2. Family and Political Status of the Courageous Freedom Fighters of Pirojpur district: A comparative Study of last Three decades.

Major Training & Seminar

- Online Workshop on “Self-Learning Material Development” jointly organized by Bangladesh Open University and the Commonwealth Educational Media Centre for Asia (CEMCA), India would be held from 12 to 15 October, 2020.
- Online Training Program on “Video Content Development” to be held on 26-27 August 2020. The training program is organized under the joint collaboration of Commonwealth Education Media Centre for Asia (CEMCA), India and Bangladesh Open University.

- Capacity Building Workshop on Development of eContent to Deliver Digitally organised by Bangladesh Open University and Commonwealth Educational Media Centre for Asia, India from 19-23 January 2016.
- Completion of Training Program on ‘Interactive Script Writing and Presentation Technique’ held on 16 to 19 September, 2013.
- Training Program on ‘ICT and e-Learning System jointly organised by Bangladesh Open University & Korea International Cooperation Agency held from 15-28 May 2013 under the Project on Establishment of ICT and Web-Based Learning System in Bangladesh Open University.
- e-Learning Training Workshop jointly organised by Bangladesh Open University & Korea International Cooperation Agency held from 30 July to 14 August 2012 and from 17 to 19 September 2012 under the KOICA aided project, ‘Establishment of ICT and Web-based Learning System in Bangladesh Open University’.
- Workshop on Creative Methodology of Teaching & Learning organised by Bangladesh Open University at Gazipur, Bangladesh from 26 to 28 December 2011.
- Tutor Training Workshop organised by Bangladesh Open University at Gazipur, Bangladesh in collaboration with Commonwealth of Learning (COL), Canada from 22 to 24 February 2011.
- SAARC Workshop on Multimedia Programme Development organised by Bangladesh Open University, Gazipur, Bangladesh from 05 to 09 February 2011.
- Training Workshop on Interweaving of ICT with Open and Distance Learning at National Institute of Open Schooling (NIOS), A-24-25, Sector-62, Institutional Area, NOIDA, Distt. Gautam Budh Nagar, Uttar Pradesh-201309, India.

Major Academic and Administrative Responsibilities

- Course Co-ordinator: Biology (SSC 2679), Biology 1st paper (HSC 1873), Biology 2nd paper (HSC 2873)
- Program Co-coordinator: SSC Niche- 1 and HSC Niche-1
- Chairperson, Examination Committee, 2022, SSC Niche- 1, OS, BOU
- Member of Science Curriculum Committee, OS, BOU
- Advisor: Beautification Committee of Bangladesh Open University campus (from 2022 till now)
- Member Secretary of Journal of Bangladesh Open University, BOU (from 2022 till now)

Completed Administrative Work

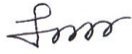
- Program Coordinator of SSC due to 2017
 - Program Co-Coordinator of Niche 1 Program
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Member of Professional Society

1. Life member of Botanical Society of Bangladesh

Fellowship

1. MS Fellow of Asiatic Society of Bangladesh (2010)
2. UGC PhD Fellow (2017)



01/07/2026

(Dr. Md. Shahidur Rahman)

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