

CURRICULUM VITAE (CV)

Name of Expert and Current Position **Dr. Mohammad Zashim Uddin, Professor**

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Date of Birth 01/01/1970

Father's and Mother's name Hafez Ahmad and Taher Nesa

Nationality Bangladeshi

Professional Link ResearchGate: <https://www.researchgate.net/profile/M-Uddin-5>
GoogleScholarCitations: <https://scholar.google.com/citations?user=Cv-ThckAAAAJ>

Teaching and Research Conservation Biology, Ethnobotany and Ethnomedicines, Medicinal Plants, Plant Taxonomy, Biodiversity and Natural Resources Management, Environmental Impact Assessment, Biodiversity Management Plan and Biodiversity Monitoring, Development of Better Propagation Strategies of Threatened Plants, Urban Plant Management and Pollution Tolerant Tree Selection. Wildlife and Plant relations, Plants and Peoples Relations, Traditional Knowledge of Bangladeshi Plants. Movement for Native Threatened Tree Conservation.

Education:

Degree	Year	Subject	Class obtained	University
Ph.D.	2002	Tropical Forest Genetic Resources (Plant Taxonomy, Ethno-botany and Conservation Biology)	Awarded	University of Dhaka
Diploma	1997	Conservation Biology of Tropical Biodiversity	Awarded	University of Illinois at Chicago, USA
M.Sc.	1992 (Held 1995)	Botany (Thesis in Ecology)	1 st class 2 nd	University of Dhaka
B.Sc.	1991(Held 1993)	Botany (Biochemistry and Soil Sciences as minor courses)	1 st Class 4 th	University of Dhaka
HSC	1987	Science group	1 st Division	BMEB Dhaka
SSC	1985	Science group	1 st Division	BMEB Dhaka

Length of service in teaching and research

Position	Place of work	From	To
Lecturer	Department of Botany, University of Dhaka	30/06/2003	25/09/2005
Assistant Professor	Department of Botany, University of Dhaka	26/09/2005	17/10/2008
Associate Professor	Department of Botany, University of Dhaka	18/10/2008	21/07/2013
Professor	Department of Botany, University of Dhaka	22/07/2013	Till to Date
Director (Additional Duty)	Arboriculture Center, University of Dhaka	18/11/2024	Till to Date

Number of M.S. Degree supervised 60

Number of M. Phil. Degree 1
supervised

Number of Ph.D. Degree supervised 2 (one conducting research)

Number of Ph.D. Degree evaluated 8

Number of publications 99

Google Scholar Citations 1598

Scholars Reads 62697

H-index 23

i 10-index 37

Rank in BD 2

List of scientific articles/books/book parts

104. Linda ZN, Uddin MZ and Islam AKMA 2024. Pre-sowing Treatments Effect on Seed Germination Behavior and Seedling Growth of Elephant Rope Tree (*Sterculia villosa* Roxb.) – A Native Threatened Tree of Bangladesh. In press.
103. Islam, TM., Shomrat, A. and Uddin, MZ. 2024. Plant diversity, conservation worthiness and people's perception in future management of Purbachal saal forest, Purbachal. In press.
102. Rahim, FB., Salam, MA and Uddin, MZ 2024. Evaluation of air pollution tolerance index and anticipated performance index of a few local plant species as a source of greenery in Dhaka city and their morphological adaption to air pollution. In press.
101. Tahmina Sultana Juthi¹, Md. Ruhul Kuddus², Mohammad Zashim Uddin¹, Md. Abul Hassan¹ And Mohammad A. Rashid² 2024. Evaluation Of Thrombolytic Activity of Three Ethnomedicinal Plants In Bangladesh. Bangladesh j. bot. 53(4): in press.
100. Uddin AHMM, Shomrat A, Alfasane MA and Uddin MZ, 2024. Diversity, perception and intangible benefits of the vegetation of Ramna Park, Dhaka. Bangladesh j. bot. 53(4): Accepted and in press.

99. Uddin MZ et al. 2024 (Funded by BNH, BFD and IUCN). Strategic management plan of invasive alien species of plants in RemaKalenga wildlife sanctuary, Bangladesh, PP. xvii+210.
98. Shila, MA., Shomrat, A. and Uddin MZ., 2024. Assessing of tree diversity in the vegetation of Ramna areas of Dhaka city for the better management. *Bangladesh J. Bot.* **53**(3): 605-617.
97. Uddin, MZ, Haque, T., Juthi, TS., Rahman, F., Shomrat, A., Akter, E. and Islam, TM, 2024. People consensus in the use of ethnomedicinal plants for conservation in and around Purbachal modern town, Dhaka. *Bangladesh J. Bot.* **53**(3): 577-588.
96. Hassan, MT and Uddin, MZ, 2024. A preliminary inventory of angiospermic flora of Bagatipara upazila, Natore, Bangladesh. *Bangladesh J. Plant Taxon.* **31**(1): 155-172.
95. Juthi, TS, Uddin, MZ, Hassan MA and Rashid, MA 2024. Ethnomedicinal plants for cardiovascular diseases management in Manikganj district. *Bangladesh J. Plant Taxon.* **31**(1): 101-121.
94. S. Noor, M. N. Begum, S. R. Rony, M. Z. Uddin, M. H. Sohrab and M. A. Mazid 2024. Bioactivity and chemical screening of endophytic fungi associated with the seaweed *Ulva* sp. of the Bay of Bengal, Bangladesh. *Botanica Marina*, Issue 67-2.
92. Akter, E. and Uddin, MZ 2023. Tree diversity, abundance and dominance in the lakeside vegetation of Dhaka city. *Bangladesh J. Plant Taxon.* **30**(2): 1-10.
91. K Azam, SU Zaman, MS Islam, MZ Uddin, A Salam 2003. Roadside automobile stressed plants as bioindicator based on air pollution tolerance index in Dhaka, Bangladesh. *J. biodivers. conserv. bioresour. manag.* 9(2), 2023.
90. Uddin MZ. Mazid MA, Hasam MS, Shomrat A, Suzana NS, and Saad MA 2023. Consensus in the use of ethnomedicinal plants during COVID-19 pandemic in and around Dhaka city. *Bangladesh Journal of Plant Taxon.* **30**(1): 123-151.
89. Uddin, MZ, Shomrat, A and Hasan, MS 2022. Plant diversity assessment in and around Matarbari of Moheshkhali upazila, Cox's Bazar. *J. natural resources conservation and management* **8**(2):89-102.
88. Rifat AB, Mitu FY, Haque T, Rahman MA, Mazid MA and Uddin MZ 2022. An ethnobotanical survey of medicinal plants focusing on cardiovascular diseases used by the local people in and around Dinajpur district, Bangladesh. *Journal of Asiatic Society* **48**(1-2): 19-40.
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86. Haque, T., Uddin, M. Z., Hassan, M. A., & Saha, M. L... (2022). Antibacterial Properties of Major Ethnomedicinal Plants Used by the Local People of Brahmanbaria, Bangladesh. *Bangladesh Journal of Botany*, **51**(4): 779–786.
85. Hasan, M. T., & Uddin, M. Z. (2022). Rediscovery of *Potentilla Supina* L. (Rosaceae) In Bangladesh. *Bangladesh Journal of Plant Taxonomy*, **29**(2): 437–440.
84. Mitu, F. Y., Rifat, A. B., Haque, T., Mazid, M. A., & Uddin, M. Z. (2022). Determination of Local People Consensus in the Use of Medicinal Plants of Thakurgaon District. *Bangladesh Journal of Plant Taxonomy*, **29**(2): 345–360.
83. Sajeeb, BK, Uddin, MZ, Bachra, S. 2022. Ethnobotanical study on medicinal plants used by the ethnic people of Khagrachari district, Bangladesh. *Dhaka Univ. J. of Pharm. Sci.* **5** (2): 217-230.
82. Uddin, MZ and Islam, S. 2022. Study of ethnomedicinal plants used by the local people of Raipura upazila of Narsingdi district. *Bangladesh J. Plant Taxon.* **29**(1): 137-156.

81. Uddin, MZ, Mitu, FY, Rifat, AB, Haque T and Mazid, MA.2021. Thrombolytic potentials of six plants used by the local people for cardiovascular disease management in Bangladesh. *Bangladesh J. Plant Taxon.* **28**(2): 405–412.
80. Uddin MZ, Khan, SI and Jaman, MF 2021. Diet Composition, Food Choice and Food Plants of Capped Langur, *Trachypithecus pileatus* (Blyth, 1843) in the Madhupur National Park, Bangladesh. *Primate Conservation* **38**: Published
79. Uddin, MZ, Shomrat A., Hasan MS., Khan, MR, Fahad, AR and Al-Amin, M. 2021. Evaluation of plant species diversity in the road dividers of Dhaka city. *Bangladesh J. Plant Taxon.* **28**(1): 141–154.
78. Uddin MZ, Salam, A, Mazid, MA and Haque T. 2020. Medicinal Plants in primary Health care: Introduction and Applications, Volume 5. Alternative Medical care Unit, Ministry of Health and Family welfare.
77. Uddin MZ, Salam, A, Mazid, MA and Haque T, 2020. Medicinal Plants in primary Health care: Introduction and Applications, Volume 4. Alternative Medical care Unit, Ministry of Health and Family welfare.
76. Uddin, MZ, Kibria, MG, Sarker, A. 2021. Plant diversity and conservation worthiness of Khadimnagar National Park, Bangladesh. In Mukluks' Advanced in Global Research publication by Springer.com. In press.
75. Uddin, MZ, Hossain, M., Ahmed A., Tarequl I, Ahmed, ZU. and Saha C. 2021. Paradigm shift in the management of the Sundarbans mangrove forest of Bangladesh and the related issues and challenges. *Trees, Forest and Peoples:* Elsevier's submitted.
74. Uddin, MZ, Kibria MG, Sarker A and Roy A 2020. Status of occurrence of *Livistona jenkinsiana* Griff. in Bangladesh. *Bangladesh J. Plant Taxon.* 27(2): 435-438.
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72. Uddin MZ. And Joton CP 2020. Preliminary taxonomic survey of aquatic plants of feni district, Bangladesh. *J. Plant Taxon.* 27(1): 103–111.
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69. Uddin MZ 2019. Rediscovery of *Melastoma imbricatum* Wallich Ex Triana in Bangladesh. *International Journal of Plant and Environment* **5** (2): 137-139.
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66. Uddin, MZ and Haque T. 2018. Plants used for the beauty care in Dhaka, Bangladesh. *Clinical and Experimental homeopathy* **5**(1): 29-35.
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64. Uddin, M.Z., Arefin M. K., Alam, M.F., Kibria, M.G., Podder, S.L. and Hassan, M.A. 2017. Consensus of the people's healthcare knowledge in the use of ethno-medicinal plants in and around lawachara national park. *Journal of Asiatic Society* **43**(1): 101-123.
63. Uddin MZ and M.A. Abdullah, 2016. Plant diversity assessment in charkrimukri wildlife sanctuary, Bhola district. *Journal of Asiatic Society* **42**(2): 153-168.
62. Uddin, M.Z. and Hassan, M.A. 2016. Plant diversity of Dhaka University campus, Bangladesh. *Journal of Asiatic Society* **42**(1): 49-68.

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60. Uddin, M.Z., Alam, M.F. and Rahman, M.A. 2016. Plants. In: Feeroz M M (ed.). Biodiversity of Protected Areas of Bangladesh. Inani National Park. BioTrack. Arannayk Foundation. Dhaka, Bangladesh. 169pp.
59. Uddin MZ and Feeroz, MM 2015. Biodiversity of NijhumDweep National Park, Bangladesh Forest Department, Dhaka, Bangladesh. 126pp.
58. Uddin MZ, Kibria, MG. and MA Hassan 2014. Study of ethnomedicinal plants used by the local people of Feni district. Journal of Asiatic Society 41(2): 203-223.
57. Uddin, M.Z., Kibria, MG and Hassan, M.A. 2015. An assessment of angiosperm plant diversity of nijhumdweep (Island). Journal of Asiatic Society 41(1): 19-32.
56. Uddin M.Z, HaqueT., Saha M. L, Mazid M.A and Hassan M.A 2014. Propagation, antibacterial activity and phytochemical properties of *Litseaglutinosa*(Lour.) C. B. Robinson Dhaka Univ. J. Biol. Sci. **23**(2): 165-171.
55. Uddin, MZ, S Afroz, and MA Hassan, 2014. *Gynuranepalensis*DC. (Asteraceae) - A New Angiosperm Record For Bangladesh. Bangladesh J. Plant Taxon. **21**(1): 101-104.
54. Uddin MZ and MA Hassan 2014. Determination of informant consensus factor of ethnomedicinal plants used in kalenga forest, Bangladesh. Bangladesh j. plant taxon. **21**(1): 83-91.
53. Uddin. MZ. Kibria, MG and Hassan MA. 2014. Angiospermic plant diversity of Dhaka city, Bangladesh. LAP LAMBERT, Academic Publishers, Germany.
52. Uddin, MZ, Serker, K, Islam, MR and Hassan MA 2013. Angiopermic flora of ManikganjSadarUpazila. Journal of Asiatic Society. **39** (2): 147-166.
51. Uddin, M.Z., Alam, M. F., Rahman, M.A. and Hassan, M.A. 2013. Diversity in angiosperm flora of Teknaf Wildlife Sanctuary, Bangladesh. Bangladesh J. Plant Taxon. **20**(2): 145-162.
50. Uddin, M. Z., Saha, R., Rokibuzzaman, M., Sharmin, T., Sikder, M. A. and Rashid, M. A. 2013. Preliminary biological investigations of *Lophopetalumfimbriatum* and *Calophylluminophyllum*. Bangladesh Pharmaceutical Journal **16**(2): 215-219.
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48. Uddin, M. Z., Hassan, M. A., Rahman, M. M., and Arefin, M. K., 2012. Ethno-medico-botanical study in Lawachara National Park, Bangladesh. Bangladesh J. Bot. **41**(1): 97-104.
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45. Uddin, M. Z., Rahman, M. M. and Arefin, M. K., 2011. Lawachara National Park: Studies on the angiospermic flora of Lawachara National Park. LAP LAMBERT, Academic Publishers, Germany. 147 pp.
44. Uddin, M.Z., Alam, M. F., Rahman, A.S.M. and Hassan, M.A. 2011. Plant biodiversity of Fashiakhali wildlife sanctuary, Bangladesh. Proceedings: First Bangladesh Forestry Congress 2011. 129-141pp.
43. Uddin, M. Z., Arefim, M. K., Rahman, M. M. and Hassan, M. A. 2010. Angiosperm flora of Satchari National Park, Habiganj, Bangladesh. Bangladesh J. Plant Taxon.**18** (2): 117-140.
42. Uddin, M.Z., Alam M.F and Hassan, M.A., 2011. Rediscovery of *Osbeckiatruncata* D. Don ex Wight & Arn. in Bangladesh. Bangladesh J. Bot. **40**(1): 101-103.
41. Uddin, M.Z. Islam, M.R., Hassan, M.A. and Bhuiyan, M.N.I. 2010. Ethnobotanical survey of medicinal plants and their ethnic uses in RamgarhUpazila of Khagrachari district, Bangladesh. HamdardMedicus**53**(3): 38-44.
40. Uddin, M.Z. and Hassan, M.A. 2011. Plant Genetic Resources of Rema_Kalenga Wildlife Sanctuary, Bangladesh. LAP LAMBERT, Academic Publishers, Germany. 117 pp.
39. Uddin M.Z. and Hossain, A.B.M.E, 2011. Plants of Modern Period (from 1947 to the present time). In: Celebration of 400 years of Dhaka. Pp. 63-82.
38. Uddin, M. Z., Rahman, M. O., Tutul, E., Begum, M., and Hassan, M. A. 2010. An additional checklist of angiosperm flora of Runctiasal forest. Bangladesh J. Plant Taxon. **17**(2): 167-181.

37. Uddin, M.Z and Other 138 Contributors, 2010. National biodiversity assessment and program of action 2020. In: Haider, M.S. Sobhan, I and Islam, S.T. (eds.). Department of Environment, Ministry of Environment and forest, Government of the people's republic of Bangladesh. x+112 pp.
36. Uddin, M.Z., Emily S. Gurley¹, Mahmudur Rahman², M. Jahangir Hossain¹, Nazmun Nahar¹, M. Abul Faiz³, Nazrul Islam⁴, Rebeca Sultana¹, Selina Akhtar², M. Sabbir Haider², M. Saiful Islam¹, MuhammedWaliur Rahman¹, Utpal Kumar Mondal¹, Stephen P. Luby^{1,6}. 2010. **Fatal outbreak from consuming *Xanthium strumarium* seedlings during time of food scarcity in northeastern Bangladesh.** PLoS ONE 5(3)e9756.doi:10.1371/journal.pone.0009756.
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32. Uddin, M. Z., Mohammad R. Islam, Mohammad S. Rahman, ErshadTutul, Mohammed Z. Rahman, Md A. Hassan, M. A. Faiz, MoazzemHossain, Mohammad A. Rashid, 2009. Ethnobotanical, phytochemical and toxicological studies of *Xanthium strumarium* L. Bangladesh Medical Research Council Bulletin **35** (3): 84-90.
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29. Uddin, M.Z., Tutul, E., Sumona, A and Hassan M.A. 2008. *Chlorophytumnepalense* (Lindley) Baker (Liliaceae) – A new angiospermic record for Bangladesh. Bangladesh J. Bot. **37** (2): 193-194.
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27. Uddin, M.Z. amd Roy, S. 2007. Collection and Management of Selected Medicinal Plants in Rema-Kalenga Wildlife Sanctuary. In: Making Conservation Work: Linking rural livelihoods and protected area management in Bangladesh edited by Fox, J. Bushley, B. R., Dutta S. and Quazi, S. A. 2007. Monograph of East-West Center, Hawaii, USA: 66-83pp.
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20. Uddin, M.Z., M.A. Hassan, and Hosen, M.M. 2005. A checklist of angiospermic flora of Lalmai Hills, Comilla, Bangladesh. Bangladesh J. plant Taxon.**12** (2): 85-96.
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- angiospermic record for Bangladesh. *Bangladesh J. Plant Taxon.* **10** (2): 93-95.
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 9. Uddin M.Z., H. Ara, and M.A. Hassan. 2001. *Amorphophallusnapalensis* (Wall.) Bogner and Mayo (Araceae). – A new angiospermic record for Bangladesh. *Bangladesh J. Bot.* **30**(2): 153-155.
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 3. Uddin M.Z., M.A. Hassan and M.S. Khan. 2000. *Utriculariaminutissima*Vahl. (Lentibulariaceae). – A new angiospermic record for Bangladesh. *Bangladesh J. Plant Taxon.* **7** (1): 65-67.
 2. Uddin M.Z., M.S. Khan and M.A. Hassan. 1999. *Curculigolatifolia*Dryand. (Hypoxidaceae). – A new angiospermic record for Bangladesh. *Bangladesh J. Plant Taxon.* **6** (2): 105-107.
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Membership of Alumni Associations

- Dhaka University Botany Alumni Association (DUBAA), LM
- Dhaka University Alumni Association (DUAA), LM
- FazlulHaq Muslim Hall Alumni Association
- Dr. Mohammad Shahidullah Hall Alumni Association

Scientific affiliations

1. Bangladesh Botanical society, Department of Botany, University of Dhaka, Life Member
2. Bangladesh Taxonomic Society, National Herbarium, Dhaka, Life Member
3. Global Network of Bangladeshi Biotechnologist (GNOBB), Japan, Life Member
4. Asian Federation of Biotechnology (AFOB), Thailand, Life Member
5. International ethnopharmacology Society, UK
6. Asiatic Society Bangladesh, Dhaka, Bangladesh
7. Bangladesh Biggani Somity, University of Dhaka, Dhaka
8. Bangladesh National Biodiversity Group, IUCN, Bangladesh

9. Bangladesh Nature Conservation Movement, Dhaka
10. Bangladesh National Biodiversity Research Group, Bangladesh

Administrative/Social work affiliations

1. **Director**, Arboriculture Centre, University of Dhaka
2. **Student Advisor**, Department of Botany, University of Dhaka
3. **Secretary General**, Bangladesh Botanical society for next three year (2024-2026)
4. **Editor** of Bangladesh Journal of Botany (2024-2026)
5. **General Secretary**, Bangladesh Association of Plant Taxonomists (2018-2023)
6. **Joint Secretary**, Bangladesh Botanical society for next three year (2018-2020)
7. **General Secretary**, Shahid Giash Uddin Ahmed Residential Area, Neel khet, University of Dhaka, Dhaka-1000 (January 2017 to 2019)
8. **Secretary** (Acting), Dhaka University Teacher's Club 2017 to 2019
9. **House Tutor**, Fazlul Haque Muslim Hall, DU, Dhaka (October 2003 to October 2013)
10. **Game Teacher**, Department of Botany, DU, Dhaka (2005 to till to date)
11. **Moderator**, F H Hall Debating Club, DU, Dhaka (2005 to 2011)
- 12. Executive Committee Member (2004-2005, 2008-2009), Dhaka University Teacher's Club**
13. **Vice President** (2010-2011), Dhaka University Teacher's Club
14. **Joint Secretary**, Bangladesh Association of Plant Taxonomists (2014-2017)
15. **Convener**, Bangladesh Botany Olympiad 2018 to 2021.
16. **Treasurer** (Acting), Bangladesh Botanical Society (2018-2020)
17. **Treasurer** (elected), Bangladesh Botanical Society (2021-20223)

Language Skills:

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Bengali	Excellent	Excellent	Excellent

Country Visited: USA, Japan, Malaysia, India

Advanced Training and Workshop participation

1. Participated in 4 months training on “Conservation Biology of Tropical Biodiversity and Population Ecology”. Conservation Training Consortium (CTC), University of Illinois at Chicago, Illinois, **U.S.A.** Course studied: Conservation Biology, Population ecology, Research project works on Wetland ecosystem management, Exotic species, temperate old growth forest and research proposal on tropical forest ecology
2. Participated in 10 days training on Modern Taxonomy Practices. Provided by Dr. Alastair Culham, University of Reading **U.K.**, implemented at Bangladesh National Herbarium.
3. Participated in 5 days regional training workshop on Herbarium Techniques (Sponsored by UNESCO, New Delhi and NAM (S & T) held at Bangladesh National Herbarium, Dhaka.
4. Participated in 21 days training on **SPSS** for biological sciences in ISRT, University of Dhaka.
5. Participated in 7 days workshop on Research Methods and Developing Proposal for studying protected areas and rural livelihood from January 22 to January 28, 2006 at BIAM. Dhaka.

6. Participated in one month workshop for article writing entitled collection and management of selected medicinal plants in Rema-Kalenga wildlife sanctuary Bangladesh from July 23- 17 August 2006 at BIAM, Dhaka.
7. Participated in the workshop on Genomics and Proteomics dated from July 16 to 24, 2012, organized by HEQEF- Funded by World Bank
8. Participated in the workshop on Plant transformation, in situ hybridization and bioinformatics dated from October 06 to 14, 2012, organized by HEQEF- Funded by World Bank
9. Participated in the workshop of Coastal Land Zoning Project held in December 2007, Ministry of Land.
10. Participated in the workshop on Wildlife Conservation Act 2008, May 2008.
11. Participated in the workshop On Introducing Climate Change Education at the Tertiary Level in Bangladesh, May 2008.
12. Participated at Day long workshop on How Science work, Organized by British Council, October, 2008.
13. Participated in the workshop on community based sustainable management of Tanguarhaor program held on 24th February 2009 conducted by IUCN Bangladesh at hotel Sonargaon, Dhaka.
14. Participated in the National workshop on prioritization of research program in Agricultural and life sciences, 13-14 March 2009 at BARC, Dhaka.
15. Participated in National inception workshop on Bangladesh environment and climate change outlook organized by Department of Environment, 28-29/09/2010.
16. Participated in the workshop on National Science and Technology Policy 2010 organized by Ministry of Science and information and communication technology dated 09-12-2010.
17. Participated in first stakeholder consultation workshop on Bangladesh Environment and climate change outlook (ECCO) report organized by Department of Environment dated December 21, 2011.
18. Participated in the Workshop on Functioning National Network of Wetlands Management at CIRDAP International Conference Center dated 06 June 2013, Organized by **IUCN Bangladesh**.
19. Participated in the day long workshop of project development of Clean Development Mechanism (CDM) on the forestry sector of Bangladesh organized by Department of Environment of Bangladesh dated 19September, 2012.
20. 18. Participated in the day long national workshop entitled conservation of medicinal plants and traditional knowledge in Bangladesh held in 22April 2011, organized by **IUCN Bangladesh**.
21. Participated in the day long workshop entitled “Towards Green Architecture- A vision for the textile and garment industries in Bangladesh” organized by Green Architecture Cell (GrACe), BUET, GIZ Dated 26 April 26, 2011.
22. Participated and presented lecture on biodiversity survey of Nijhumdweep National Park organized by Forest Department of Bangladesh dated 12 February, 2014.
23. Participated in the retreat program to Cox’s Bazar on the finalization of grading system rules, Faculty of Biological Sciences, DU, dated 21 to 24th August 2014.
24. Participated in the consultation workshop on the survey of vascular flora of Chittagong, Cox,s Bazar and CHT, Organized by BNH, MoEF, dated 17th February, 2016.

25. Participated in the Thin Layer Chromatography (TLC) Workshop organized by Department of Pharmacy, University of Dhaka dated 28 February 2016.
26. Participated in consultation workshop on revision of the country report of the State of the world's biodiversity for food and agriculture: Bangladesh Part at BARC dated 2nd March 2016.
27. Participated at Red Data book of Fauna workshop organized by IUCN Bangladesh.
28. Presented lecture on research methods in Wildlife Centre Organized by Bangladesh Forest Department Dated 18-24 October 2016.
29. Presented lecture on plant collection, herbarium preparation, identification, ecological research methods, data collection, analysis and presentation in Wildlife Centre Organized by Bangladesh Forest Department Dated 24 November to 12 December 2016.
30. Participated workshop on the Business plan development for the wildlife centre, organized by Bangladesh Forest Department dated 19 December 2016.
31. Participated in the national workshop on management plan of 2 protected areas of Bangladesh, Organized by wildlife centre of Bangladesh dated 22nd January 2017.
32. Participated in Parokriti o JibonMela of Channel I 2017 dated 14 the January 2017.
33. Participated in the national workshop on management plan of 3 protected areas of Bangladesh, Organized by wildlife centre of Bangladesh dated 6th^d February 2017.
34. Participated as Discussant to key note speaker of national convention, 2017, Dhaka, organized by Bangladesh native herbalist Society, 22April, 2017.
35. Participated in noise pollution awareness program at Channel i. organized by department of environment, 26 April, 2017.
36. Participated in the National symposium on intellectual property, creation and management in University, organized by University of Dhaka, April 26, 2017.
37. Participated in the workshop on sustainable forest and livelihood project development, organized by Bangladesh forest department, May 2, 2017.
38. Participated as discussant on Biodiversity in Amder Brikha Mela at Asian TV, 01 April, 2017.
39. Participated at Prokriti O Jibon Mela at Channel i in December 2018.
40. Invited lecture on plant diversity of Bangladesh: why taxonomy matters? Dated 12 April 2018, organized by FAO Bangladesh.
41. Key note speaker on Plant diversity of Char Kukri Mukri Island, Bangladesh at the eve of world day for biological diversity, 22 May, 2018, organized Biodiversity Conservation Initiative, DU, Bangladesh.
42. Organized Bangladesh Botany Olympiad 2018 as Convener of Bangladesh Botany Olympiad 2018.
43. Participated as discussant on International Day of Forest at Channel I dated 20th March 2019.
44. Participated as speaker at NEXUS TV on Mangrove Day 2022 dated 26th July
45. Participated as special guest in lead pollution in Bangladesh organized CAPS dated 29 October 2022.
46. Participated as speaker at Channel i on the nature of Spring dated 31 1st January 2023.
47. Participated as chair of the session of international conference held on 28-29, 2024 at DU.

Conference/Seminar/Symposium Participation and Presentation

1. Participated in the national seminar on the importance of medicinal plants in the primary health care system organized by the PUBLIC HEALTH MOVEMENT from December 13-14, 2007.
2. Invited Speaker on GhagraShak poisoning in Sylhet organized by ICDDR,B at Sylhet Medical Collage, September, 2008
3. Invited Speaker on over view of Biodiversity conservation in Bangladesh organized by FAO, 24th November 2008
4. Participated and presented article named Ethno medicinal, phytochemical and toxicological studies of GAGHRA SHAK (Rough Cocklebur) in Bangladesh in the fourth international Botanical Conference entitled Challenges of Botanists in overcoming the changing environment dated from 16 January to 18 January 2009, Dhaka, Bangladesh.
5. Invited presenter on threats of medicinal plants and the ethnic communities of Bangladesh in the National workshop named conservation of medicinal plants and traditional knowledge in Bangladesh held in 21April 2010, organized by **IUCN Bangladesh**.
6. Participated in the international conference on plant biotechnology organized by plant biotechnology and tissue culture society at Dhaka University dated 3-12-2010 - 5-12-2010.
7. Participated in the second multi-stakeholder consultation On situation analysis for joint research: Ecosystem for life: A Bangladesh –India initiative dated January 10, 2011, organized IUCN Bangladesh.
8. Invited paper presenter and participated in the first Bangladesh forestry congress 2011organized by Bangladesh Forest Department, Ministry of Environment and Forest dated 19 April to 21st April.
9. Participated in the international conference on Trans boundary Water Resource Knowledge Sharing: Presentation of Joint Research Findings and Regional Initiatives: Ecosystem for life: A Bangladesh–India initiative date November 24, 2011, organized **IUCN Bangladesh**.
10. Participated in the International Botanical Conference 2011 organized by Bangladesh Botanical Society dated December 9 to 11, 2011.
11. Invited day long lecture presenter on the ethnobotany in the teachers training program organized by National University dated May 13, 2012.
12. Invited paper presenter in the National workshop on plant genetic resources for nutritional food security jointly organized by PBGSB and BAAG dated 18-19 May, 2012.
13. Participated and presented papers in the Annual Botanical Conference 2013 organized by Department of Botany University Of Chittagong and Bangladesh Botanical Society dated January 5, 2013.
14. Participated in the IUCN: 40 years of environmental conservation in Bangladesh (at Hotel Panfacific Sonargaon) dated February 27, 2013.
15. Invited speaker on **protected area management and ecotourism** in Bangladesh organized by National Botanical Garden, Chiriakhana Road, Mirpur-1 date 11th July 2013.
16. Invited speaker of the topic entitled studies on the plant biodiversity of Teknaf wildlife sanctuary- in the national seminar- **Science in Bangladesh: Challenges of 21st Century** dated 2nd November 2013 organized by Asiatic Society of Bangladesh.

17. Participated in the International Conference on plant tissue culture and biotechnology organized by Bangladesh plant tissue culture and biotechnology society, dated March 1 to 3, 2014 at DU.
18. Participated in Bangladesh launching of fifth assessment report of the Intergovernmental Panel on Climate Change (IPCC) 2014, held August 6-8, Dhaka, Bangladesh.
19. Participated in the sixth International Botanical Conference 2014 organized by Department of Botany University Of Dhaka and Bangladesh Botanical Society dated December 6-7, 2014.
20. Participated and presented article in the Global summit on Herbal medicines 2015 held in USA Organized by OMICS international dated 26-27 October 2015.
21. Presented invited lecture in the Chicago Botanical Garden date 29 October 2015, USA
22. Participated and Presided in the seminar entitled importance of herbal products and dietary supplements for leading healthy life organized by BPC and HERBAL PCDSMA Bangladesh, dated 16th January 2016 at Asiatic Society Bangladesh
23. Presented paper as resource person in the workshop entitled Export possibility of herbal products and dietary supplements from local fruits and seeds producing in Bangladesh organized by BPC and HERBAL PCDSMA Bangladesh, dated 15th February 2016 at Hamdard University.
24. Presented an article entitled flora and ecosystem aspect of Sonadia Island: Challenges and management issues. At Cos's Bazar. June 2016.
25. Presented scientific article entitled medicinal plants of Feni district, organized by Feni district administration dated 5/9/2016.
26. Presented scientific article entitled medicinal plants of Feni district, organized by Noakhali district administration dated 6/10/2016.
27. Participated and presented article the Consensus of the people's healthcare knowledge in the use of ethno-medicinal plants in and around Lawachara National Park entitled in the Second Global Summit on Herbal Medicines 2016 held in Kuala Lumpur Malaysia Organized by OMICS international dated 17-19 October 2016.
28. Presented scientific article on the Consensus of the people's healthcare knowledge in the use of ethno-medicinal plants in and around Lawachara National Park in Asiatic Society Bangladesh, dated 22/11/2016.
29. Participated and presented research article as invited guest in the GCSTME International Conference Held in Dhaka dated 4-5-19 February 2017.
30. Participated and presented article in ISE SFEC National Conference 2017 "Drug Discovery and Development from Natural Sources" Organized by: Department of Pharmacy, Faculty of Pharmacy, University of Dhaka, Bangladesh.
31. Participated and presented article in the 3rd Global Summit on Herbals and traditional medicine 2017 held in Osaka, Japan, Organized by OMICS international dated 18-20 October 2017.
32. Participated and presented article in 18th ISE international congress 2018 and 5th SFE international congress of India 2018 "Ethnopharmacology and drugs development: Innovation meets Tradition"

Organized by: Department of Pharmacy, Faculty of Pharmacy, University of Dhaka, Bangladesh dated January 13 to January 16, 2018.

33. Participated, presented and chaired in 10th Asian Federation of Biotechnology (*AFOB*) regional symposium held in January 27-29, 2018 at DU, Bangladesh.
34. Participated and Co-Chaired in the International Conference of Bangladesh Botanical Society held in 3rd February to 4th February 2018 at DU.
35. Participated and presented research article in Triennial Bangladesh Association of Plant Taxonomist conference held 10th February 2018 at BNH, Bangladesh.
36. Participated in the first national symposium on herbal medicine: New approaches to validation and quality control, held 3rd March 2018 at State University Bangladesh, organized by Bangladesh natural products society.
37. Organized Bangladesh Botany Olympiad 2018 as Convener
38. Participated as Discussant of Key note paper of Bangladesh Botanical Society held on 16th March at Cox's Bazar and also presented research article.
39. Organized annual Bangladesh plant taxonomy conference 2018 in the Department of Botany, University of Dhaka and delivered welcome address.
40. Organized discussion meeting on the international day for biological diversity 2019 and presented welcome and keynote speeches
41. Presented a lecture on the quality assurance of herbal medicines organized by Unani medicines manufacturer association dated 26 may, 2019 at Dhaka Regency Hotel.
42. Presented a lecture on the integrated approach in the discovery of new drugs from plants organized by Deeplaid pharmaceutical Ltd dated 20th June 2019.
43. Participated in seminar on the Impact of Air pollution and forest and biodiversity in the urban planning organized by Arynnak foundation Bangladesh Dated 3rd July 2019.
44. Organized and participated in BAPT conference December 2019.
45. Participated in the workshop on Nature based solution workshop, December 2019.
46. Participated as Discussant of Keynote speech entitled Effective herbal medicines for dengue 2019.
47. Participated Seminar on Sundarbans organized by World Bank, 2019
48. Participated and presented keynote speech through Webinar on Biological Day 2020
49. Presented speech through webinar on soft skill, 2020.
50. Organized and presented Keynote speech through on the world day for environment Organized by University of Dhaka, Stamford University and Channel i,
51. Presented Keynote speech through webinar on proposed budget and Covid 19. Organized by Northern University and Channel I, 2020.
52. Organized and presented Key note speech through webinar on tree plantation 2020.
53. Participated in the seminar on sustainable forest and prosperous Bangladesh organized by Nature and life Foundation and Bangladesh Forest Department, 11 March 2021.

54. Presented and participated Talk entitled Forest ecosystem and management in Bangladesh: a case study from Rema-kalenga wildlife sanctuary organized by ileaps, New delhi, 21 March, 2022
55. Participated and Organized BAPT conference 2021 date 21 May 2022 at DU
56. Participated in CARES seminar dated May 28, 2022 at DU
57. Participated in NRCDU seminar on autism research at DU dated 16th July, 2022
58. Participated in methodological framework for ecological monitoring of Sundarbans organized by IUCN dated 19th July, 2022
59. Participated and presented lecture on the field notes organized by BNH dated 28th July, 2022
60. Participated as discussant on water pollution control, the role government and people organized by Green Movement dated 28th August 2022
61. Participated at workshop on IQSC at DU dated September 2022
62. Participated in the workshop on academic development plan of DU dated 25th September 2022
63. Participated as speaker in the inception workshop on vascular flora survey organized by CGIS dated 11th October 2022.
64. Participated an annual Botanical conference 2022 date 28th January 2023 at CTG.
65. Participated in final dissemination workshop on IAS of plants in selected five protected areas of Bangladesh, dated February 22, 2023, organized by IUCN, FD and BNH
66. Participated in IUCN 50 years and beyond, one nature and one future at Hotel Radisson Blue dated February 26, 2023 organized by IUCN Bangladesh.
67. Participated at BAPTC and B International Conference dated 11th March 2023 at Senate Building Organized by BAPTC and B.
68. Participated in the seminar on the political economy of urban green space held at BUET dated 20th March 2023.
69. Participated in final dissemination workshop on National red list of plants of Bangladesh, dated May 27, 2023, organized by IUCN, FD and BNH
70. Celebrated world day for environment date 5th June 2023, Organized by botany, DUBAA and Channel i.
71. Participated workshop on team building for IQEC date 15th June 2023 at Department of Botany, DU.
72. Presented articles and Participated in the international Botanical Conference 2024 held on February 28-28, 2024 at DU.
73. Presented articles and participated in the triennial plant taxonomy conference 2023 dated May 2024.
74. Presented technical speech in Revier conservation of greater Noakhali district dated 4th September 2024 at Reporters unit.
75. Presented Keynote Speech entitled Plantations: Native trees in thought organized by University of Dhaka dated 30.09.2024 at Synet Building.
76. Presented Keynote Speech entitled Native tree plantations organized by Mission Green Dhaka University dated 08.10.2024 at TSC Auditorium.
77. Presented Keynote speech on tree plantations jointly organized by Department Banking and Insurance and Pubali Bank PLC dated 26 October 2024 at Business Faculty, DU.

78. Presented keynote speech on the propagation of Udal and distribution of Udal seedlings organized by Department of Botany, DU dated 28.10.2024 at Botany Department, DU.
79. Organized clean campus program in association with Arboriculture Centre and DUES dated 25th November 2024.

Scholarship / Award/ Grant

1. Obtained Prime Minister's research and higher study supporting scholarship for the Ph. D research (1999-2001).
2. Awarded Dean's Honor List (Certificate) 1990-91, for outstanding academic performance and regularity, Faculty of Biological Science, University of Dhaka.
3. Awarded short-term fellowship program from East-West Center/Nishorgo Support Project Small Grants Program from February to June 2006 for studying protected areas and rural livelihoods.
4. Received small research grant from the Center for advance studies in biological sciences in 2005, University of Dhaka.
5. Received small research grant from the Delta research center in 2008, University of Dhaka.
6. Received grant in 2007 to conduct research on Ghagrashak poisoning in Bangladesh from Disease Control Unit of the Directorate of Health Services of Bangladesh.
7. Received small research grant from the Center for advance studies in biological sciences in 2010, University of Dhaka
8. Received research grant from Ministry of science and information & Communication technology for 2011.
9. Received research grant from biotechnology research centre, University of Dhaka for 2014.
10. Received UGC grant to conduct research on Lawachara National Park 2014.
11. Received research grant from Ministry of science and information & Communication technology for 2016.
12. Received research grant from UGC-Dhaka University research grant on wetland plants conservation of Feni 2017.
13. Received research grant from UGC-Dhaka University research grant on study of anti-diabetic plants in and around Dhaka city 2018.
14. Received small research grant from the Center for advance studies in biological sciences in 2018, University of Dhaka
15. Received research grant from biotechnology research Centre, University of Dhaka for 2019
16. Received research grant from Ministry of science and information & Communication technology for 2019.
17. Received research grant from Ministry of science and information & Communication technology for 2021-2022.
18. Received small research grant from the Center for advance studies in biological sciences in 2022, University of Dhaka
19. Received research grant from NIBR, R. Korea 2021
20. Received research grant from NIBR, R. Korea 2022
21. Received small research grant from US Forest Service, 2022

23. Received grants from BAS for 2023-2025
 17. Received small research grant from the Center for advance studies in biological sciences in 2024, University of Dhaka

Field Visits or Excursions

1. Nature watch from Dhaka to Pakundia via Toke, Gazipur dated 27.10.2024
2. Nature watch from Navaron, Jassore to Bhomra, Satkhira Highway dated 20.09.2024
3. Nature watch at Chasra, Jessore Highway dated 05.07.2024
4. Nature watch from Gazipur to Shalna, Cotton research Centre, BSMRAU, and Wildlife Centre dated 06.09.2024

Employment Record relevant to the assignment:

Period	Employing Organization and your Title/Position, Contact Information for Reference	Country	Summary of activities performed relevant to the Assignment
22/07/2013 To Date	Employer: Department of Botany, University of Dhaka Position: Professor For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk	Bangladesh	Conducted research in the field of plant ecology-taxonomy, biodiversity conservation, environmental impact assessment, environmental monitoring plans, Plants and peoples relationships, Ecological survey of coastal island forests including Nijhumdeep Sonadia island and Char kukrimukri, habitats assessment of Dhaka –Chittagong High way, and Dhaka Chittagong Rail way, strategic environmental analysis of south-western region, including Sundarbans, assessment of aquatic plants, impact of air pollutions on plants life in Dhaka, Ecological survey of urban plants of Dhaka city, Environmental impact assessment of Padma bridge area, Flora survey of Feni, Srinagar, Raipura, Khamdinnagar. Guiding a number of MS and Ph.D research related to current assignment. Published research articles.
18/10/2008 To 21/07/2013	Employer: Department of Botany, University of Dhaka Position: Assistant Professor For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk	Bangladesh	Conducting a good number research projects on plants and people relationships, guiding a number MS research projects related current assignment, published research articles, ground truthing of GIS data on plant resources for the preparation land using planning map,
26/09/2005 To 17/10/2008	Employer: Department of Botany, University of Dhaka Position: Assistant Professor For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk	Bangladesh	Guiding a good number of MS research and individuals project works related to current assignment including environment impact assessment in Lawachara national Park, Published research articles,

30/06/2003 To 25/09/2005	Employer: Department of Botany, University of Dhaka Position: Lecturer For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk	Bangladesh	Environmental impact assessment in Padma bridge area, Assessment of agrobiodiversity in Khagrachari district, guiding MS research on the flora of different areas of Bangladesh, environmental impact assessment in Fulbari coalmine project, Published research articles
1994-1995	Employer: Department of Botany, DU Position: M. Sc. Research Fellow and research title: Ecology of the Old Brahmaputra River and its Floristic Composition For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk	Bangladesh	Responsibility: Literature collection, literature review, background and rationale development, set research goal and objectives, research planning and methods selection, reconnaissance survey, Ecological data using line transect, soil sample and water collection, Soil and Water chemical analysis using spectrophotometer, atomic absorption spectrophotometer, Algal and Phytoplankton using biostatistics, water pollution using BOD and COD methods, Report preparation and presentation.
1988-2001	Employer: Department of Botany, DU Position: Ph.D. Research Fellow and research title: Exploration, documentation and germplasm collection of plant genetic resources of Rema-Kalenga wildlife sanctuary, Habiganj in Bangladesh For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk	Bangladesh	Responsibility: Literature collection, literature review, research background and rationale development, set the research goal and objectives, research planning and method selection, reconnaissance survey, method testing in the field, Plant diversity inventory preparation using traditional Herbarium technique, plant identification, floral report preparation of the study area, Ecological data collection using point quarter method, Species composition and species diversity using Shannon Wiener Function, Simpson's diversity index, Concentration of dominance, Dominant, rare, and common species using importance value index, Genetic resources collection for <i>ex situ</i> conservation particularly, wild rice, mango, banana, bean, zinger, aroid, yam, orchid and medicinal plants, Ethno botanical data through interview with local ethnic Headmen, final report preparation, seminar presentation, finally model devised for biodiversity conservation and sustainable management of forest resources, published many scientific articles for wider circulation.
July 1996 to June 1997	Employer: Bangladesh National Herbarium Position: Ecology Expert in “National Conservation Strategy Implementation Project- 1 (NCSIP-	Bangladesh	Responsibility: Literature collection and review, set the research goal, research planning and method development, reconnaissance survey and method testing, inception report preparation, and

	<p>1)", Survey of Flora Project from July 1996 to June 1997, implemented at Bangladesh National Herbarium under the</p> <p>For reference: Name: Dr. M. Matiur Rahma Position: Director Tel: 01750243935 E-mail: matiur.bot.tax@gmail.com</p>		<p>presentation, Ecological data collection, Floral survey in tropical forest, deciduous forest, mangrove forest, wetland forest, coastal area and island, sand dune, chalanbeel, and Barind tract, plant identification, Biostatistical data analysis, ecological report preparation, photography of plant, nature and landscape.</p>
1998 to July 2001.	<p>Employer: Bangladesh National Herbarium Position: Biodiversity Expert in "Red Data Book Project of Bangladesh" implemented at Bangladesh National Herbarium</p> <p>For reference: Name: Dr. M. Matiur Rahma Position: Director Tel: 01750243935 E-mail: matiur.bot.tax@gmail.com</p>	Bangladesh	<p>Responsibility: Botanical literature collection and review, research planning and method development, reconnaissance survey and data collection method testing, inception report preparation and presentation, ecological and floral data collection, plant identification, data analysis, report preparation, data analysis and nature photography.</p>
from February 2000 to September 2000	<p>Employer: IUCN, Bangladesh. Position: Biodiversity Expert in "Delineation of bio-ecological zones of Bangladesh Project"</p> <p>For reference: Name: Mr. Raquibul Amin Position: Country representative Tel: 01844219700 E-mail: raquibul.amin@iucn.org</p>	Bangladesh	<p>Responsibility: Botanical literature collection and review, research planning and method development, reconnaissance survey and data collection method testing, inception report preparation and presentation, ecological and floral data collection, plant identification, data analysis, dominant, important and keystone species determination, zones characteristic, zonation, report preparation, data analysis and nature photography</p>
June to December, 2004.	<p>Employer: BELA Funded by: UNDP? Position: Biodiversity Expert in agro biodiversity and farmers wrights in Khagrachari district, Bangladesh.</p> <p>For reference: Name: Barrister Syeda Rizwana Hasan Position: Executive Director Tel: 88-02-58614283, 58610311 E-mail: bela@bangla.net</p>	Bangladesh	<p>Responsibility: Literature collect and review, set the research goal, method selection and research planning, field visit, both Taxonomic and ethnobotanical data collection, plant identification, plants, nature and landscape photography, report preparation, Scientific article publication for wider circulation.</p>
July 2004- June 2005	<p>Employer: NACOM Position: Biodiversity Expert of Environmental Impact Assessment (EIA) in Phulbari coalmine project, Dinazpur.</p> <p>For reference: Name: Professor Dr. Rob Molla Position: Executive Director Tel: 01711680708</p>	Bangladesh	<p>Responsibility: Literature collection and review, set the research goal, research planning and method selection, reconnaissance survey, inception report preparation, training and workshop arrangement for the field researchers, field visit, data collection, plant identification, data analysis, report preparation and presentation, and nature photography.</p>

	E-mail: armolladu@gmail.com		
January to March, 2005.	<p>Employer: NACOM Position: EIA Expert in Port development project Naopara, Batiagata and Hironpoint of Sunderban under Khulna</p> <p>For reference: Name: Professor Dr. Rob Molla Position: Executive Director Tel: 01711680708 E-mail: armolladu@gmail.com</p>	Bangladesh	<p>Responsibility: Literature collection and review, set the research goal, research planning and method selection, reconnaissance survey, inception report preparation, training and workshop arrangement for the field researchers, field visit, data collection, plant identification, data analysis, report preparation and presentation, and nature photography.</p>
2005-2006	<p>Employer: BCL Funded by: ADB Position: Biodiversity management specialist in Padma bridge development project.</p> <p>For reference: Name: Eng. Rezaul Karim Chowdhury Position: Managing Director Tel: 01819237135 E-mail: rezaulkarim91@hotmail.com</p>	Bangladesh	<p>Responsibility: Literature collection and review, set the research goal, research planning and method selection, reconnaissance survey, inception report preparation, training and workshop arrangement for the field researchers, field visit, data collection, plant identification, data analysis, report preparation and presentation, and nature photography, biodiversity/wildlife management and monitoring plan preparation.</p>
1994-1995.	<p>Employer: Botany Department, DU Position: Worked as Ecologist in Ponds of Dhaka city</p> <p>For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk</p>	Bangladesh	<p>Responsibility: Literature collection and review, method selection, research planning, water sample collection, abiotic data collection, chemical analysis, BOD and COD determinations and report preparation.</p>
1994-1995.	<p>Employer: Botany Department, DU Position: Worked as Ecologist in the Sal Forest of greater Dhaka and Mymensingh district</p> <p>For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk</p>	Bangladesh	<p>Responsibility: Literature collection, and review, set the research goal, method selection, research planning, Plant collection and identification and soil data collection, chemical analysis, report preparation and seminar presentation.</p>
December, 2007.	<p>Employer: IUCN Position: Worked as a Biodiversity Expert team member of EIA report evaluation committee of IUCN, Gas exploration project on Lawachar National Park by Chevron Bangladesh.</p>	Bangladesh	<p>Responsibility: Report evaluation and further suggestion for the mitigation work.</p>

	For reference: Name: Mr. Raquibul Amin Position: Country representative Tel: 01844219700 E-mail: raquibul.amin@iucn.org		
November 2007 to June 2008.	Employer: IEDCR Position: Worked as Biodiversity Expert on Phyto-toxicity of Gaghrashak project under Ministry of Health, Bangladesh. For reference: Name: Dr. Moazzem Hossain Position: Director, Disease Control Tel: 01715038551 E-mail: moazzem.iacib@gmail.com	Bangladesh	Responsibility: Literature collection and review, set the research goal, research planning and method selection, reconnaissance survey, inception report preparation, training and workshop arrangement for the field researchers, field visit, data collection, plant identification, phytochemical analysis of Ghagrashak, biological screening and bioassay, animal model testing for toxicological effect ghagrashak, data analysis, report preparation and presentation, and nature photography, scientific article publication for wider circulation.
March 2008 to December 2008.	Employer: IUCN Position: Worked as a Biodiversity Expert team member of EIA Monitoring Committee of IUCN, 3D Seismic Survey for Oil and Gas exploration project on Lawachar National Park by Chevron Bangladesh. For reference: Name: Mr. Raquibul Amin Position: Country representative Tel: 01844219700 E-mail: raquibul.amin@iucn.org	Bangladesh	Responsibility: Literature collection and review, set the research goal, research planning and method selection, reconnaissance survey, inception report preparation, training and workshop arrangement for the field researchers, field visit, data collection, plant identification, data analysis, report preparation and presentation, and nature photography.
June 2008 to August 2009.	Employer: Research and evaluation branch, BRAC Position: Worked as a Biodiversity Expert for land use and land cover mapping of BRAC tea estate project For reference: Name: Dr. Nasima Akter Position Research Coordinator. Tel: 1-416-560-8309 E-mail: nakter@bangladeshi.ca	Bangladesh	Responsibility: Literature collection and review, set the research goal, research planning and method development, reconnaissance and habitats patterns identification, plants data collection, plant identification, data analysis, report preparation, Workshop arrangement and presentation.
November 2010-July 2011	Employer: Wildlife branch, Zoology, JU Position: Worked as Biodiversity Expert in the Project entitled biodiversity monitoring in selected forested areas, a project of Arannayk foundation Bangladesh For reference: Name: Professor MM Feeroz Position: Principal Investigator	Bangladesh	Responsibility: Literature collection and review, set the research goal, research planning and method development, reconnaissance and habitats patterns identification, plants data collection, plant identification, data analysis, report preparation and presentation.

	Tel: 01743471731 E-mail: feerozmm@yahoo.com		
June 2011 to June 2012	<p>Employer: Center for Advanced Studies in biological Sciences</p> <p>Position: Worked as Principal investigator on the project of ethnomedicinal plants of Lawachara National Park</p> <p>For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk</p>	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, Inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation.
June 2014 to june 2015	<p>Employer: Center for Advanced Studies in biological Sciences</p> <p>Position: Worked as Principal investigator on the project of medicinal plants in around Lawachara national park</p> <p>For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk</p>	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, Inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation
2011 to 2013	<p>Employer: Bangabandhu Sheikh Mujibur Rahman Agricultural University at Gazipur.</p> <p>Position: Worked as Biodiversity Expert team member of the project entitled survey and collection of plant genetic resources of coastal belts of Bangladesh with characterization and documentation, Initiated Implemented by Bangabandhu Sheikh Mujibur Rahman Agricultural University at Gazipur.</p> <p>For reference: Name: Prof. Md. Golam Rosul Position: Principal Investigator Tel: 01715401448 E-mail: mdgolum60@gmail.com</p>	Bangladesh	Responsibility: Research method evaluation, data monitoring, results evaluation, participate results presentation program, recommendations for report submission.
April to June, 2014.	<p>Employer: SODEV Funded By: World Bank</p> <p>Position: Worked as plant Taxonomist/Ecologist in Strengthening Regional Cooperation for Wildlife Protection Project Bangladesh Forest</p> <p>For reference: Name: Dr. Fazlul Q. Siddique</p>	Bangladesh	Responsibility: Literature collection and review, set the research goal, research planning and method development, reconnaissance and habitats patterns identification, plants data collection, plant identification, data analysis, report preparation and presentation.

	Position: Managing Director Tel: 01713037864 E-mail: fazlul.siddique@sodevconsult.org		
2013-2014.	Employer: Wildlife branch, Zoology, JU Position: Worked as plant Biodiversity Expert in Nijhumdeep project of Forest department For reference: Name: Professor MM Feeroz Position: Principal Investigator Tel: 01743471731 E-mail: feerozmm@yahoo.com	Bangladesh	Responsibility: Literature collection, literature review, research background and rationale development, set the research goal and objectives, research planning and method selection, reconnaissance survey, method testing in the field, Plant diversity inventory preparation using traditional Herbarium technique, plant identification, floral report preparation of the study area, Ecological data collection using point quarter method, Species composition and species diversity using Shannon Wiener Function, Simpson's diversity index, Concentration of dominance, Dominant, rare, and common species using importance value index, Genetic resources collection for <i>ex situ</i> conservation particularly, wild rice, mango, banana, bean, zinger, aroid, yam, orchid and medicinal plants, final report preparation, seminar presentation, recommendations for biodiversity conservation and sustainable management of island forest resources, published many scientific articles for wider circulation.
November 2014 - May 2015.	Employer: Wildlife branch, Zoology, JU Position: Worked as Plant biodiversity Expert in Khadimnagar National Park project of Forest Department For reference: Name: Professor MM Feeroz Position: Principal Investigator Tel: 01743471731 E-mail: feerozmm@yahoo.com	Bangladesh	Responsibility: Literature collection, literature review, research background and rationale development, set the research goal and objectives, research planning and method selection, reconnaissance survey, method testing in the field, Plant diversity inventory preparation using traditional Herbarium technique, plant identification, floral report preparation of the study area, Dominant, rare, and common species, Genetic resources collection for <i>ex situ</i> conservation particularly, wild rice, mango, banana, bean, zinger, aroid, yam, orchid and medicinal plants, Ethno botanical data through interview with local ethnic Headmen, finally made recommendations for biodiversity conservation and sustainable management of forest resources.
November 2014- June 2015.	Employer: Wildlife branch, Zoology, JU Position: Worked as Plant biodiversity Expert in Char KukriMukri wildlife sanctuary project of forest Department	Bangladesh	Responsibility: Literature collection, literature review, research background and rationale development, set the research goal and objectives, research planning and method selection, reconnaissance survey, method testing in

	<p>For reference: Name: Professor MM Feeroz Position: Principal Investigator Tel: 01743471731 E-mail: feerozmm@yahoo.com</p>		the field, Plant diversity inventory preparation using traditional Herbarium technique, plant identification, floral report preparation of the study area, Ecological data collection using point quarter method, Species composition and species diversity using Shannon Wiener Function, Simpson's diversity index, Concentration of dominance, Dominant, rare, and common species using importance value index, Genetic resources collection for <i>ex situ</i> conservation particularly, wild rice, mango, banana, bean, zinger, aroid, yam, orchid and medicinal plants, Ethno botanical data through interview with local people, final report preparation, seminar presentation, finally made recommendations for biodiversity conservation and sustainable management of island forest resources.
January to May, 2015.	<p>Employer: Bengal Plants Research and Development Position: Worked as medicinal plants Expert in the Ministry of information and communication technology project implemented by Bengal Plants.</p> <p>For reference: Name: Sikder Abul Kashem Shamsuddin Position: Executive Director Tel:01711247229. E-mail: bengalplants@gmail.com</p>	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, plant data collection, plant identification, data analysis, report preparation and presentation.
2015-2016.	<p>Employer: SODEV Position: Worked as plant diversity Expert in the baseline biodiversity survey, biodiversity monitoring planning and wildlife sanctuary selection project of Padma Bridge implemented by SODEV.</p> <p>For reference: Name: Dr. Fazlul Q. Siddique Position: Managing Director Tel: 01713037864 E-mail: fazlul.siddique@sodevconsult.org</p>	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, permanent plot selection for monitoring, plant data collection, plant identification, data analysis, report preparation and presentation.
2015-2016.	<p>Employer: ENRAC Funded by: ADB Position: Worked as plant biodiversity Expert in the Dhaka Chittagong express way project implemented by ENRAC</p>	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data

	For reference: Name: Mehedi Hassan Position: Managing Director Tel: 01811446974 E-mail: mehedi@enrac.com.bd		analysis, report preparation and presentation.
June 2015-June 2016	Employer: Forest Department Position: Worked as ecologist in the Habitat Management Plan and conservation action for the critically Endangered Spoon-billed Sandpiper (SBS) in its wintering ground at Sonadia Island, Bangladesh For reference: Name: Md. Abdur Rahman Position: DFO Tel:01711064519 E-mail: rahmanbfd69@gmail.com	Bangladesh	Responsibility: Literature survey, determination of ecological methodology for sand dune succession investigation and data collection, plant sample identification, data analysis, report preparation, identification of management concerns, threats to sand dune succession, management plan for Sonadia Island sand dune vegetation, plants and landscape photography, report presentation.
December 2016	Employer: Forest Department Position: Worked as flora expert in Kadigar National Park, Mymensingh Name: Md. Abdur Rahman Position: DFO Tel:01711064519 E-mail: rahmanbfd69@gmail.com	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation.
June 2015-june 2016	Employer: Ministry of Science and Technology Position: Worked as Principal investigator on the project Medicinal plants of Feni district For reference: Name: Dr. Md. Golam Mostafa Position: Deputy Secretary Tel: 01552324590 E-mail: section9@most.gov.bd	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation.
June 2016-june 2017	Employer: Register, DU/ UGC Position: Worked as Principal investigator on the project of Aquatic plants of Feni district For reference: Name: Md. Enamuzzanam Position: Register Tel: 9670531 E-mail: registrar@du.ac.bd	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, Inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation.
June 2017 to July 2018	Employer: Biotechnology Research Center Position: Worked as Principal Investigator on project entitled Ethnomedicinal plants for the management diabetes in Bangladesh	Bangladesh	Responsibility: Literature review and research background development, Field research team formation and training, Reconnaissance and site selection for sampling, selection of methodology for antidiabetic plant survey, organizing

	<p>For reference: Name: professor Sharif Akteruzzaman Position: Director Tel: 01714111267 E-mail: sazaman@du.ac.bd</p>		inception workshop, herbarium specimens collection and processing, plant identification, preparation of inventory database of the antidiabetic medicinal plants Dhaka, Identification potential medicinal plants for diabetes management. Determination of threats to medicinal plants and constraints for management, issuing recommendations. Draft report preparation and presentation, revised the report and final report submission and issuing recommendations for the conservation of antidiabetic medicinal plants of in and around Dhaka city.
2017 to 2018	<p>Employer: Centre for Advanced Studies in Biological Sciences. Position: Worked as Principal Investigator on the project entitled ethnomedicinal plants for the management of cardiovascular disease in Bangladesh</p> <p>For reference: Name: Professor Rakha Hari Serker Position: Chairman Tel: 01711547429 E-mail: rhsarker2000@yahoo.co.uk</p>	Bangladesh	<p>Responsibility: Literature review and research background development, Field research team formation and training, Reconnaissance and site selection for sampling, selection of methodology for ethnomedicinal plant survey, organizing inception workshop, herbarium specimens collection and processing, plant identification, preparation of inventory database of the ethnomedicinal plants Bangladesh, Identification potential medicinal plants for cardiovascular disease management . Determination of threats to medicinal plants and constraints for management, issuing recommendations. Draft report preparation and presentation, revised the report and final report submission and issuing recommendations for the conservation of ethnomedicinal medicinal plants of Bangladesh</p>
2018-2019	<p>Employer: ENRAC Funded by: ADB Position: Worked as senior Ecologist on the project entitled Tongi-Akhaura Rail line construction project</p> <p>For reference: Name: Mehedi Hassan Position: Managing Director Tel: 01811446974 E-mail: mehedi@enrac.com.bd</p>	Bangladesh	<p>Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation.</p>
2018-2019	<p>Employer: ENRAC Funded by: ADB Position: Worked as senior Ecologist on the project entitled Chittagong- Duhazari Rail line construction project</p>	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data

	<p>For reference: Name: Mehedi Hassan Position: Managing Director Tel: 01811446974 E-mail: mehedi@enrac.com.bd</p>		analysis, report preparation and presentation.
2018 to 2019	<p>Employer: Biotechnology Research Centre. Position: Worked as Principal Investigator on the project entitled ethnomedicinal plants for the management of cardiovascular disease in Bangladesh</p> <p>For reference: Name: professor Sharif Akteruzzaman Position: Director Tel: 01714111267 E-mail: sazaman@du.ac.bd</p>	Bangladesh	<p>Responsibility: Literature review and research background development, Field research team formation and training, Reconnaissance and site selection for sampling, selection of methodology for ethnomedicinal plant survey, organizing inception workshop, herbarium specimens collection and processing, plant identification, preparation of inventory database of the ethnomedicinal plants Bangladesh, Identification potential medicinal plants for cardiovascular disease management. Determination of threats to medicinal plants and constrains for management, issuing recommendations. Draft report preparation and presentation, revised the report and final report submission and issuing recommendations for the conservation of ethnomedicinal medicinal plants of Bangladesh</p>
2018 to 2019	<p>Employer: UGC and Dhaka University Position: Worked as Principal Investigator on the project entitled ethnomedicinal plants for the management diabetes in and around Dhaka</p> <p>For reference: Name: Md. Enamuzzanam Position: Register Tel: 9670531 E-mail: registrar@du.ac.bd</p>	Bangladesh	<p>Responsibility: Literature review and research background development, Field research team formation and training, Reconnaissance and site selection for sampling, selection of methodology for antidiabetic plant survey, organizing inception workshop, herbarium specimens' collection and processing, plant identification, preparation of inventory database of the antidiabetic medicinal plants Dhaka, Identification potential medicinal plants for diabetes management. Determination of threats to medicinal plants and constrains for management, issuing recommendations. Draft report preparation and presentation, revised the report and final report submission and issuing recommendations for the conservation of antidiabetic medicinal plants of in and around Dhaka city.</p>
June 2018-june 2019	<p>Employer: Ministry of Sciences and Technology. Position: Worked as Principal investigator on the project entitled ethnomedicinal study for the management of common diseases in greater Sylhet district</p>	Bangladesh	<p>Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data</p>

	For reference: Name: Dr. Md. Golam Mostafa Position: Deputy Secretary Tel: 01552324590 E-mail: section9@most.gov.bd		analysis, report preparation and presentation.
2020-2021	Employer: CGIS Funded by: GOB Position: Working as senior Botanist in the project entitled strategic environmental assessment of sundarban forest. For reference: Name: Zahir Uddin Ahmed Position: Deputy Team Leader Tel: 01711581429 E-mail: zuddin@cegisbd.com	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation
13 October 2020 to 31 December 2020	Employer: IUCN Funded by: World Bank Position: Worked as Consultant in the project Developing Bangladesh National Red List of Plants and Management Strategy of Invasive Alien Species (IAS). For reference: Name: Raquibul Amin Position: Country Representative Tel: 01844219700 E-mail: raquibul.amin@iucn.org	Bangladesh	Responsibility: Review of existing methodologies and literature regarding IAS in Bangladesh, formulate methodology to conduct survey in selected protected areas, present survey methodology in the validation workshop, conduct 5-days training workshop to surveyors, conduct field survey for data collection, formulate draft management strategy of IAS management, formulate draft set of recommendations to hel Bangladesh Forest department, incorporate relevant comments to produce final draft, Assist in formulating IAS related communication materials.
November 2020 to June 2021.	Employer: SGS Bangladesh Limited and Tokyo Electric Power Services Co. Ltd. (TEPSCO), Funded by: JICA Position: Floral Expert in the Flora and Faunal Survey team in the project entitled "Matarbari Ultra Super Critical Coal-fired Power Plant (Phase-2)" For reference: Contact Person : Zakir Hossain Khan Manager SGS Bangladesh Ltd. Mobile: 01730731376 Email: zakir.hossain@sgs.com	Bangladesh	Responsibility: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot survey, data sheet development, followed random meander method for plant data collection, plant identification, data analysis, report preparation and presentation.
Junuary 2022	Funded by: World Bank Position: Senior Ecologist WeCare Project	Bangladesh	Responsibilities: Literature search and review, rationale and background development, Method development, inception preparation, presentation, pilot

	For reference: Contact Person: Nahid Amin Director BCL. Mobile: Email:		survey, data sheet development, followed random meander method for plant data collection, plant identification, detection of plants of interest, habitats, data analysis, report preparation and presentation, plantation planning, suggestions for mitigation
June 2021-September 2021	Kyungpook National University, Republic of Korea Funded by: NIBR, R. Korea Position: Project Leader in Traditional knowledge of Bangladeshi plants	Joint Project by University of Dhaka and Kyungpook National University, Republic of Korea	Responsibility: Plant Collection, DNA sample collection, Herbarium sheet preparation, recording of traditional knowledge, Photographic documentation, Report preparation
June 2021-July 2022	US Forest Services International COMPASS	Joint project	Guided three MS research students
June 2022-July 2023	US Forest Services International COMPASS	Joint project	Guided one MS research students
April 2023-April 2026	Employer: DU Funded by: USDA Position: Principal Investigator For reference: Professor Dr. Haseena Khan Position: BAS Secretary Phone: E-mail:	Development of better propagation techniques for the conservation of selected economically important rare plant species (Gac fruit, Bitter vine, Indian laurel, Elephant rope tree and true yam) of Bangladesh	Literature review, project development, Seed and propagules collection, preservation, propagation trials at experimental gardens, report preparation, presentation, saplings production, saplings distribution, awareness programs, field trial at agricultural filed. Producing one Ph.D. research
3 rd August 2023	Development of smart climate change curriculum in secondary education in Bangladesh, ADB	Directorate of secondary education, Ministry of education	Pannel Discussant on proposed curriculum

Signature: