

PDS (Personal Data Sheet) of Md. Rishad Abdullah

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|----|--------------------------------|---|--|
| 1 | Name | : | Md. Rishad Abdullah |
| 2 | Father's name | : | Md. Afzal Hossin |
| 3 | Mother's name | : | Most. Mastura Pramanik |
| 4 | Husband's name (if applicable) | : | - |
| 5 | Gender | : | Male |
| 6 | Present Address | : | Senior Scientific Officer Bangladesh Jute Research Institute Jute Research Regional Station, Rangpur |
| 7 | Permanent Address | : | House-24, Ward-04. TNO Road, Badarganj, Rangpur |
| 8 | Date of Birth | : | 25-07-1978 |
| 9 | Age (at 01.01.2023) | : | 44 years and 5 months |
| 10 | Educational Qualification | : | |

| Degree/Diploma/ Certificate | Class/Grade/ Division | University/Institute/Board | Year |
|--------------------------------|--------------------------|------------------------------------|---------------------|
| S.S.C | First Division | Rajshahi Board | 1994 |
| H.S.C | First Division | Rajshahi Board | 1996 |
| B.Sc. Ag. (Hons) | Second Class | Bangladesh Agricultural University | 2000 (Held in 2003) |
| M.S. in Agroforestry | CGPA 3.671 | Bangladesh Agricultural University | 2004 |
| Master of Education | CGPA 2.30 | Bangladesh Open University | 2015 |
| Ph.D. in Crop Botany | Awarded | Bangladesh Agricultural University | 2021 |

11. Field of Specialization: Scientific article editing, Project development, Plant Conservation and Biodiversity, Threatened plants of Bangladesh, Underutilized fruits and vegetables, Medicinal plants

12. Training:

(a) In Country:

| Organization | Year | Duration | | Name of programme |
|--|------|----------|------|---|
| | | Mos | Days | |
| National Agriculture Training Academy | 2023 | | 5 | Disaster Management through Climate Smart Agriculture |
| National Agriculture Training Academy | 2023 | | 5 | Modern Office Management |
| Bangladesh Jute Research Institute | 2023 | | 1 | ICT (e-nothi) |
| Graduate Training Institute, Bangladesh Agricultural University, Mymensingh | 2019 | | 12 | Data Analysis: R and SPSS |
| Bangladesh Institute of Research and Training on Applied Nutrition (BIRTAN), Divisional Centre, Noakhali | 2019 | | 5 | Training on Food Based Nutrition |
| Graduate Training Institute, Bangladesh Agricultural University, Mymensingh | 2018 | | 5 | Scientific Report Writing |
| Graduate Training Institute, Bangladesh Agricultural University, Mymensingh | 2003 | | 12 | Data Analysis: Excel and Mstatc |
| Teaching Quality Improvement in Secondary Education Project, Ministry of Education, Bangladesh | 2008 | | 10 | Professional Development Training for the Secondary Educational Administrator |
| National Academy for Educational Management (NAEM), Dhaka, Bangladesh | 2012 | | 15 | Research Methodology |
| National Academy for Educational Management (NAEM), Dhaka, Bangladesh | 2019 | | 8 | Basic Training Course |
| National Academy for Educational Management (NAEM), Dhaka, Bangladesh | 2011 | | 4 | Training for Trainers (TOT) |

(b) Abroad:

| Country | Year | Duration | | Name of programme |
|---------|-------------|----------|------|---|
| | | Mos. | Days | |
| Greece | 2022 | | 5 | Alumni Workshops of SUSI |
| USA | 2021 & 2022 | | 25 | Study of the United States Institutes (SUSI) for Secondary Educators (Online and In person) |
| China | 2017 | | 26 | Botanical Garden Development and Management |
| China | 2013 | | 12 | School Monitoring & Quality Assessment |

13. Experience:

| Position | Period | | |
|---|------------|------------|-------------------------|
| | from | To | Total (Yr./Mo) |
| Senior Scientific Officer Jute Research Regional Station BJRI, Rangpur | 7 Dec 202 | Till now | - |
| Research Officer, (SESIP), DSHE, Ministry of Education, Bangladesh | 21/05/2019 | 06/12/2022 | 3 years and 3 Months |
| Plant Conservation Manager, Plant Conservation and Research Foundation (PCRF), Mymensingh, Bangladesh | 01/07/2017 | 20/05/2019 | 1 year 10 months |
| Research fellow, Strengthening post graduate studies on plant genetic resource collection, conservation and characterization-project (project number: HEQEP CP-3021, 2014) | 01/07/2014 | 30/06/2017 | 3 years |
| Research Officer, SESDP, DSHE, Ministry of Education, Bangladesh | 25/03/2008 | 30/06/2014 | 6 years and 3 months |
| Research Associate, Collection, conservation and characterization of rare and endangered medicinal plant genetic resources of Bangladesh project funded by Bangladesh Agricultural University Research System (BAURES). BAU, Mymensingh | 02/01/2005 | 28/02/2008 | 3 years 1 month |

14. Publication (SO to PSO): see Annex I and II

| (a) | Scientific journal | No. of publication |
|-----|--|-------------------------------------|
| | (i) Full paper Paper Published in the Reputed International Journal Principal author Co-author Other International & National Journal Principal Author Co-author | 09 05 04 18 5 13 |
| | (ii) Short Communication Principal author Co-author | |
| (b) | <u>Books/Monographs/Bulletins</u> | |
| | (i) Books Principal author Co-author | 01 0 01 |
| | (ii) Monographs Principal author Co-author | 01 01 0 |
| | (iii) Bulletin Principal author Co-author | 01 01 |
| (c) | <u>Seminar/Workshop/Symposium Proceedings</u> | |
| | (i) International/National Principal author Co-author | 19 13 06 |

Thesis

- PhD: Level of level of occurrence of some threatened plant species in Karnaphuli range of Kaptai reserve forest
- MS: Effects of tree litter and different levels of N-fertilizer combination of yield of rice and insect prevalence

15. Research achievement (as PSO/SSO/SO) (List duly endorsed by the Head of Division and Director (Research)).

- (i) No. of technology Developed
(ii) No of Research Programme
(a) Developed: 2
(b) Supervised:
(c) Executed: Completed two projects as **Principal Investigator** funded by the Ministry of Science and Technology, Dhaka, Bangladesh
- Collection of threatened wild plant species for ex-situ conservation and rehabilitation of degraded forest ecosystem during 2017-2018 fiscal year.
 - Collection of some critically endangered and endangered wild plant species for ex-situ conservation to save them from extinction during 2018-2019 fiscal year.

16. Outstanding achievement (SO to PSO)-

A. Variety developed: Not applicable

B. Membership of professional societies

- Associate member, Climate Change Alliance of Botanic Gardens (CCABG), Melbourne, Australia
- Editor, Journal of Bioscience and Agriculture Research
- Life Member, Agroforestry Society of Bangladesh, Mymensingh, Bangladesh
- Life Member, Bangladesh Extension Society, Mymensingh, Bangladesh
- Life Member, Bangladesh Society of Plant Science and Technology, Bangladesh
- Managing Editor, International Journal of Forestry, Ecology & Environment, open access journal
- Member, Botanic Gardens Conservation International, UK
- Member, Commission on Education and Communication (CEC), IUCN
- Member of Steering committee, Global Conservation Consortium for Magnolia (GCCM), USA
- Member, International Association of Botanical Gardens (IABG), China
- Member, Krishidbid Institute, Bangladesh

C. Experienced with outstanding achievements:

Award (Scholarship)

- Awarded the Tan Jiew Hoe Fellowship to join the International Zingiberables symposium at Singapore Botanic Garden, Singapore.
- Received PhD Fellowship from University Grand Commission, Bangladesh (HEQEP CP-3021, 2014) for conducting PhD in Crop Botany in BAU, Mymensingh-2202 [2015-2017]

Outstanding research contribution

- Best presenter award at International Conference on Research and Extension for Sustainable Rural Development held at Rural Development Academy, Borga, 15-16 February 2018.

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Paper Published in the Reputed International Journal-08

- Principal author-05
- Co-author-04

As Principal author-04

1. **Abdullah, M. R.**, Sarwar, AKMG, and Rahman, MM (2022). Threatened Vascular Plants of Karnaphuli Range Under Kaptai Reserve Forest of Rangamati, Bangladesh. *American Beauty. Plant Physiology and Soil Chemistry*, 2(2): 85-89. <http://doi.org/10.26480/ppsc.02.2022.85.89>
2. **Abdullah, M.R.** and Hossain, K.L. (2006). Effects of urea-N fertilizer dosage supplemented with Ipil-Ipil tree litter on yield of rice and insect prevalence. *Journal of Forestry Research*, 17(4): 335-338. <https://doi.org/10.1007/s11676-006-0078-1>
3. **Abdullah, M.R.**, Haque, M.E., Rahman, M.M. and Fakir, M.S.A. (2017). Diversity of Traditional Leafy Vegetables in Two Villages of 'Kaptai' Reserve Forest, 'Rangamati', Bangladesh. *Journal of Agroecology and Natural Resource Management* 4 (3), 203-207.
4. **Abdullah, M.R.**, Sarwar, A.K.M.G., Ashrafuzzaman, M. and Rahman, M.M. (2020). Species composition and diversity of Teak plantation in Karnaphuli range, Kaptai, Rangamati, Bangladesh. *Macedonian Journal of Ecology and Environment*, 22(02), 127-138.
5. Abdullah, M. R., Molla, M. K. A., Jahan, N., Rabbani, A. K. M. G., Barman, S. C. and Jahan, R. (2022). Homestead tree species diversity: An inventory by secondary school students in Mymensingh, Bangladesh. *International Journal of Multidisciplinary Perspectives*, 03(02), 74-81

As Co-author-04

1. Chanda, S. C., **Abdullah, M. R.**, Ali, M. A., Shamsuzzaman, A. N. M. and Sarwar, A.K.M.G. (2018). Spices and Jute Cultivation: Strategy for Poverty Alleviation in Char Land of Sirajganj District, Bangladesh. *Journal of Agroecology and Natural Resource Management* 5(2), 125-128.
2. Chanda, S. C., **Abdullah, M. R.**, Razzak, M. A. and Sarwar, A.K.M.G. (2021). Morphological and Physiological Characterization of Sesbania genotypes. *Legume Research*, 1-5.
3. Siddique, M.N.A., Sultana, J., **Abdullah, M.R.** and Azad, K.M. (2017). Modelling of Soil Loss through RUSLE2 for Soil Management in an Agricultural Field of Uccle, Belgium. *British Journal of Environment & Climate Change*, 7 (4), 252-260. <https://doi.org/10.9734/BJECC/2017/35336>
4. Siddique, M.N.A., Sultana, J., and **Abdullah, M.R.** (2017). Aggregate Stability: An Indicator of Quality and Resistivity of Arable Soil. *Asian Journal of Soil Science and Plant Nutrition*, 1(2): 1-7. <https://doi.org/10.9734/AJSSPN/2017/34829>

Full paper published in Other International & National Journal-18

- Principal Author- 04
- Co-author-14

As Principal Author-04

1. **Abdullah, M.R.**, Haque, M.E., Sarwar, A.K.M.G., Ashrafuzzaman, M. and Rahman, M.M. (2020). Underutilized fruits and their diversity in Karnaphuli range, Rangamati, Bangladesh. *International Journal of Forestry, Ecology and Environment*, 01(01), 10-20. <https://doi.org/10.18801/ijfee.010120.02>
2. **Abdullah, M.R.**, Rahman, M.M., Hossain, H.A. and Jalil, M.A. (2020). Diversity of non-conventional vegetables in two ethnic communities of Khagrachari Sadar, Khagrachari, Bangladesh. *International Journal of Forestry, Ecology and Environment*, 02(01), 48-59. <https://doi.org/10.18801/ijfee.020120.06>

3. **Abdullah, M.R.**, Rahman, M.M., Hossain, H.A. and Jalil, M.A. (2020). Diversity of minor fruit species in two tribal communities of Sadar upazila, Khagrachari, Bangladesh. *International Journal of Forestry, Ecology and Environment*, 01(02), 28-34. <https://doi.org/10.18801/ijfee.010220.04>
4. **Abdullah, M.R.**, Uddin, M.J., Sultana, S. and Rashid, M.H. (2007). Biodiversity of leafy vegetables in two villages of sadar Upazilla of Mymensingh district. *J. Bangladesh Soc. Agric. Sci. Technol.* 4(3&4): 131-134.

As co-author -13

1. Bari, M.R., Miah, M.A.A., Miah, M.G. and **Abdullah, M.R.** (2017). Diversity of medicinal plants in Haluaghat upazila of Mymensingh and their uses. *Journal of Bioscience and Agriculture Research* 15 (02), 1266-1273. <https://doi.org/10.18801/jbar.150217.156>
2. Bari, M.R., Miah, M.A.A., Miah, M.G., **Abdullah, M.R.** and Uddin, M.J. (2017). Medicinal plants and their contribution in socio-economic condition of the household in Haluaghat upazila, Mymensingh. *International Journal of Business, Management and Social Research* 4 (1), 215-228. <https://doi.org/10.18801/ijbmsr.040117.25>
3. Chanda, S. C., Ali, M. A., Haque, M. E., **Abdullah, M. R.** and Sarwar, A.K.M.G. (2019). Cost of production and cost benefit analysis of different rice in Sirajganj district. *Asian Journal of Crop, Soil Science and Plant Nutrition*, 1(1), 7-14.
4. Das, S.B., **Abdullah, M.R.** H. Hossain, H., begum, A. and Choudhury, N.S. (2006). Study on diseases of Jackfruit in the nursery and its Management. *Bangladesh Journal of Progressive Science & Technology.* 4(2): 211-214.
5. Hasanuzzaman, M., Hossain, K.L., **Abdullah, M.R.**, Hossain, K.S. and Rahman, G.M.M. (2005). Effect of crown volume of *Terminalia Arjuna* on the yield and yield attributes of Boro Rice. *Bangladesh Journal of Crop Science*, 16(1), 107-110.
6. Hossain, K.L., Wadud, M.A., Hossain, K.S. and **Abdullah, M.R.** (2005). Performance of Indian Spinach in association with Eucalyptus for Agroforestry system. *Journal of Bangladesh Agricultural University Research System*, 3(1), 29-35.
7. Rashid, M.H., Hossain, M.T., **Abdullah, M.R.**, Hossain, S.M.M. and Hasan, M.S. (2009). Survey on diseases of commercial Agroforest nurseries. *Journal of Agroforestry and Environment*, 3(1), 133-136.
8. Sarker, M. S. A., Islam, A., Islam, M. W., Dhar, P. C. and **Abdullah, M. R.** (2023). Effect of water logging on vegetative growth and fruit yield of brinjal Bangladesh J. Environ. Sci., Vol. 44, 9-12, 2023
9. Shammi, R., **Abdullah, M.R.** and Rahman, MM (2016). Yield of rice in response of shade and orientation. *Journal of Bioscience and Agriculture Research.* 06 (02): 547-552. <https://doi.org/10.18801/jbar.060216.65>
10. Siddique, M.N.A., Sultana, J., Huda, M.S., **Abdullah, M.R.** and Chowdury M. A. (2015). Potato Production and Management with Preference to Seed Potato Supply Chain, Certification and Actors Involve in Bangladesh. *International Journal of Business, Management and Social Research*, 01(01): 01-13. <https://doi.org/10.18801/ijbmsr.010115.01>
11. Sultana, J., Siddique, M.N.A. and **Abdullah, M.R.** (2015). Fertilizer recommendation for Agriculture: practice, practicalities and adaptation in Bangladesh and Netherlands *International Journal of Business, Management and Social Research*, 01(01): 21-40. <https://doi.org/10.18801/ijbmsr.010115.03>
12. Sultana, J., Siddique, M.N.A., Miao, K. and **Abdullah, M.R.** (2014). Influence of arbuscular mycorrhizal fungi (AMF) on plant competition for growth of a legume and a grass plant species.

Journal of Bioscience and Agriculture Research, 01(02), 85-91.
<https://doi.org/10.18801/jbar.010214.10>

13. Uddin, M.J., **Abdullah, M.R.** and Wazuddin, M. (2007). Correlation and path analysis of yield and yield contributing characters of hybrid rice. Journal of the Bangladesh Society for Agricultural Science and Technology, 4(3&4): 149-154.
14. Uddin, M.J., **Abdullah, M.R.** and Wazuddin, M. (2007). Evaluation of yield performance of hybrid rice. Journal of the Bangladesh Society for Agricultural Science and Technology, 4(3&4): 135-140.

As Principal author-13

1. **Abdullah, M. R.** and Jahan, R. (2020). Education for Sustainable Development at Secondary Education level in Bangladesh. International Conferences on Sustainable Agriculture and Rural Development: Road to SDGs at Sylhet Agricultural University, Sylhet, Bangladesh, 23-24, January, 2020.
2. **Abdullah, M.R.** Sarwar, A.K.M.G., Hossain, A.K.M.Z., Rahman, M.M. and Ashrafuzzaman, M. (2018). Species composition and diversity at Teak plantation in Karnaphuli range, Kaptai, Rangmati, Bangladesh. Abstracts published in Proceedings of the 4th International Congress on Planted Forests. Planted forest-A solution for green development, 23-28 October, 2018 Beijing, **China**.p14.
3. **Abdullah, M.R.**, Das, S. K. and Haque, M. A. (2019). Teaching performance of school teachers of some selected secondary schools in Sadar, Mymensingh, Bangladesh. International Conference on Sustainability Education At: India Habitat Centre, New Delhi, **India**, 9-10, September, 2019
4. **Abdullah, M.R.**, Haque, M.E., and Rahman, M.M. (2016). Diversity of leafy vegetables in Kaptai reserve forest and their ethno botanical uses. 3rd National Conference on Natural Science and Technology, Asian University for Women, Chittagong, Bangladesh; 04/2016
5. **Abdullah, M.R.**, Haque, M.E., Ashrafuzzaman, M. and Rahman, M.M. (2016). Diversity of Edible Fruits in Karnaphuli Forest Range, Kaptai, Rangamati. 7th International Seminar of Regional Network on Poverty Eradication, Bangladesh Agricultural University, Mymensingh, Bangladesh; 11/2016
6. **Abdullah, M.R.**, Haque, M.E., Rahman, M.M., Hossain, A.K.M.Z. and Fakir, M.S.A. (2017). Diversity of underutilized fruits in 'Kaptai' reserve forest, 'Rangamati', Bangladesh. 4th International Symposium on Minor Fruits, Medicinal & Aromatic Plants, At College of Horticulture and Forestry, Pasighat, Arunachal Pradesh, **India**, 12/2017
7. **Abdullah, M.R.**, Haque, M.E., Sarwar, A.K.M.G. and Rahman, M.M. (2018). Threatened Climbers of Karnaphuli Reserved Forest, Rangamati, Bangladesh. International Conference On Climate Change, Biodiversity and Sustainable Agriculture (ICCBSA-2018), Jorhat, **India**; 12/2018
8. **Abdullah, M.R.**, Jahan, R., Sarwar, A.K.M.G. and Rahman, M.M. (2018). Fruits from wild and its importance in livelihood: Study from a small tribe village of Kaptai Reserve forest, Rangmati, Bangladesh. International Conference on Research and Extension for Sustainable Rural Development 15-16 february 2018. Rural Development Academy, Bogra, Bangladesh, p 65-66.
9. **Abdullah, M.R.**, Jahan, R., Sarwar, A.K.M.G. and Rahman, M.M. (2018). Diversity and ethnobotanical uses of gingers in Kaptai Reserve forest, Kaptai, Rangamati, Bangladesh. 8th International Zingiberales Symposium, **Singapore**; 23-27 July 2018. p.62
10. **Abdullah, M.R.**, Sarwar, A.K.M.G. and Rahman, M.M (2018). Diversity of Pteridophytes in Kaptai reserve forest under Rangamati district in Bangladesh. 7th Asian Symposium of Ferns and Lycophytes (ASFL), National Taiwan University, Taipei, **Taiwan**; 16 to 18 October, 2018
11. **Abdullah, M.R.**, Sarwar, A.K.M.G. and Rahman, M.M. (2018) Threatened plants in Kaptai National Park in Rangamati, Bangladesh. 5th **European Congress** of Conservation Biology; 05/2018, <https://doi.org/10.17011/conference/eccb2018/108150>
12. **Abdullah, M.R.**, Sarwar, A.K.M.G., Haque, M.E. and Rahman, M.M. (2018). Wild edible fruit and its importance in the livelihood of tribals: A case study from Kaptai Reserve forest, Rangmati, Bangladesh. The 1st International Conference on Challenges for Future Agriculture 2018. Bangladesh Agricultural University, Mymensingh, Bangladesh 01/2018, p 73.
13. **Abdullah, M. R.** (2023). Jute as a game-changer plant for climate mitigation and sustainable products: students' perception in secondary school of Bangladesh. 5th international conference on sustainability education at: India Habitat Centre, New Delhi, India September 19-20, 2023

As co-author-6

1. Abid, M, Jahan, R., Barman, S.C. and **Abdullah, M.R.** (2023). Crowd forest in school: A dream project is in progress. 5th international conference on sustainability education at: India Habitat Centre, New Delhi, India September 19-20, 2023.

2. Chanda, S. C., **Abdullah, M. R.**, Razzak, M. A. and Sarwar, A.K.M.G. (2019). Morpho-physiological characterization of four Sesbania genotype 18th Conferences of Bangladesh Society of Agronomy At: Dhaka, Bangladesh, 12/2019
3. Fakir, M.S.A., Rahman, A. and **Abdullah, M.R. (2018)**: The native Zingiberaceae in Bangladesh: a review of their dietary and medicinal properties. 8th International Zingiberales Symposium, **Singapore**; 10/2018
4. Haque, M. E., **Abdullah, M. R.** Hossain, A.K.M.Z., Ashrafuzzaman, M. and Sagor, A. (2017). Response of sorghum germplasms to salinity stress during germination. 4th International Symposium on Minor Fruits, Medicinal & Aromatic Plants, At: College of Horticulture and Forestry, Pasighat, Arunachal Pradesh, **India**, December/2017
5. Haque, M.E., Haque, M.S., Sarwar, A.K.M.G, **Abdullah, M.R.** and Hossain, A.K.M.Z. (2018). Morpho-physiological response of sorghum germplasms to salinity stress in hydroponic culture. Proceedings of 1st International Conference on Challenges for Future Agriculture 2018 Organizer: Progressive Agriculturists Bangladesh Agricultural University Mymensingh, Bangladesh, January 27-28, 2018.
6. Rahman, M.M., Fakir, M.S.A., Haque, M.E. and **Abdullah, M.R.** (2016). Threatened plant species in protected areas in Bangladesh: Problems and prospects of conservation and utilization. 3rd National Conference on Natural Science and Technology, Asian University for Women, Chittagong, Bangladesh; 04/2016