Curriculum Vitae

Ratna Rani Majumder

Senior Scientific Officer (SSO)
Plan Breeding Division
Bangladesh Rice Research institute (BRRI)
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Personal Information

1.	Father's Name	Jadab Chandra Majumder
2.	Mother's Name	Renuka Majumder
3.	Husband's Name	Ripon Kumar Roy
4.	Sex	Female
5.	Date of Birth	01 October 1984
6.	Mobile No.	+8801786894199
7.	Nationality	Bangladeshi (By Birth)
8.	Religion	Hindu (Sanatan)
9.	Marital status	Married
10.	Permanent Address	Village : Madhabpur Post Office: Madhabpur Upazilla : Bauphal District : Patuakhali
11.	Office Address	Senior Scientific Officer, Plant Breeding Division, Bangladesh Rice Research Institute, Gazipur-1701, Bangladesh
12.	Email	rrmajumder2@gmail.com, rrmajumder@yahoo.com, r.majumder@irri.org, ratna.breeding@brri.gov.bd

Educational Qualification

Degree	University/Institution	CGPA/ Division	Year of Passing	Major subjects
PhD (Under Study)	Bangladesh Agricultural University (BAU) Affiliated Institute: International Rice Research Institute (IRRI), Philippines	-	-	Genetics & Plant Breeding
MS (Genetics & Plant Breeding)	Bangabandhu Sheikh Mujibur Rahman Agricultural University	3.70 out of 4.00	2009	Genetics & Plant Breeding (Genetics, Cytogenetics, Plant Breeding, Advanced Plant Breeding, Quantitative Genetics, Breeding Field Crops, Plant Biochemistry1, Plant Tissue Culture)
B.Sc. Ag. (Hons.)	Sher-e-Bangla Agricultural University	3.80 out of 4.00	2006	Genetics, Agronomy, Soil Science, Plant Pathology, Entomology, Agril. Chemistry, etc.
Higher Secondary School Certificate	Gazipur Govt. Mohila College	First (759 Marks)	2002	Bangla, English, Physics, Chemistry, Biology, Mathematics, etc.
Secondary School Certificate	BARI High School	First (802 Marks)	2000	Bangla, English, Physics, Chemistry, Biology, Mathematics, etc.

15. Job Experience

Research Activities

Activity 1: I am working as a Principal Investigator for Development of Premium Quality Rice project for Boro season. BRRI dhan63, a promising premium quality Boro variety along with BRRI dhan70, BRRI dhan80 and BRRI dhan90 the premium quality aromatic rice for T. Aman season, have been developed under Development of Premium Quality Rice project in the year of 2014, 2015, 2017 and 2019, respectively.

Activity 2: I am working as a co-investigator for Development of Rainfed Lowland Rice project. Popular varieties BRRI dhan81, BRRI dhan93, BRRI dhan94 and BRRI dhan95 have been released under the project in the project for T. Aman season in 2019.

Activity 3: I am working as a co-investigator for Development of Drought Tolerant Rice project. I have actively participated in the release of BRRI dhan56, BRRI dhan57, BRRI dhan66 and BRRI dhan71 under the project.

Activity 4: I am working as a co-investigator for Zinc Enriched Rice project.

Activity 5: I am working as a co-investigator for the project High Iron and Zinc Rice project (Golden Rice).

Activity 6: I worked as a co-investigator of Stress Tolerant Rice for South Africa and Asia (STRASA)-Drought project for Development of Drought Tolerant Rice varieties. I served as a Principal Investigator of IAPP (Integrated Agricultural Productivity Project)- Drought from Boro 2012 to June 2014. BRRI dhan56 and BRRI dhan57 have been developed under the umbrella of the project.

Activity 7: I worked as a co-investigator of the project entitled 'Pyramiding *salto*l and submergence tolerance gene in the genetic background of BRRI dhan49' in Plant Breeding Division of BRRI. Homozygous BRRI dhan49-*Saltol* lines were crossed with BRRI dhan49-*Sub1* line and produced pyramided F_1 seeds possessing *Saltol* and *Sub1* QTLs in the same background of BRRI dhan49.

Activity 8: I am actively involved in the development of BRRI dhan55, a moderately drought, cold and salinity tolerant Boro variety in 2011 and BRRI dhan58, a tissue culture induced standard Boro variety in the year of 2012.

Activity 9: I worked in the project Green Super Rice project in 2015 and am involved in the releases of BRRI dhan75.

Extension activities

Activity 1: I worked for the technology transfer of BRRI released varieties through validation trial under in Rajshahi and Rangpur region of Bangladesh under Integrated Agricultural Productivity Project (IAPP)-Drought.

Activity 2: I actively participated in the Participatory Variety Selection (PVS) activities of different drought tolerant genotypes in Rajshahi and Rangpur region of Bangladesh under Integrated Agricultural Productivity Project (IAPP)-Drought.

Other relevant experiences

a. Data analysis: I have the practical knowledge to operate and interpret the analysis tools MSTAT C, GENSTAT, SPSS, BASICA STAT Soft, PLABSTAT, CROPSTAT, PBTools and R Packages. I can also operate

molecular breeding softwares like AlphaEaseFC, GGT, QGgene, Power marker, Primer3, NTSyspc, Bioedit software, ICIM for data analyzing.

b. Bioinformatics tool: I know how to use BLAST and Claustal W software.

16. Training Information:

a. Local Training

Title	From	To	Duration	Sponsoring Agenncy	Remarks
Hybrid rice development and seed production	02.11.2009	04.11.2009	03 days	BRRI, Gazipur	Satisfactorily completed
1-Month Rice Production Training	21.03.2010	19.04.2010	30 days	BRRI, Gazipur	Distinction
Research Methodology	25.09.2010	07.10.2010	13 days	GTI, BAU, Mymensingh	Successfully completed
GSR-Hybrid rice seed production	02.03.2011	03.03.2011	02 days	BRRI, Gazipur	Successfully completed
Theory and Practice of Molecular Breeding in Rice	26.01.2012	01.02.2012	07 days	BRRI, Gazipur	Successfully completed
Breeder Seed Production and Preservation of Rice	03.03.2012	05.03.2012	03 days	BRRI, Gazipur	Successfully completed
Rice Breeder Seed Production and Preservation	18.06.2012	20.06.2012	03 days	BRRI, Gazipur	Successfully completed
Theoretical and Applied Molecular Breeding	24.09.2012	29.09.2012	06 days	BRRI, Gazipur	Successfully completed
Hybrid Rice Seed Production Technology	09.10.2012	11.10.2012	03 days	BRRI, Gazipur	Successfully completed
On-farm Research Methodology	13.10.2012	18.10.2012	06 days	BARI, Gazipur	Successfully completed
Foundation Training Course for NARS Scientists (Batch-23)	23.01.2013	23.05.2013	04 days	BARC, Dhaka (BARD, Comilla)	Successfully completed
Rural Development and Poverty Reduction	12.05.2013	16.05.2013	06 days	BRDTI, Khadimnagar, Sylhet	Successfully completed
Training on Genetic Data Analysis software	23.06.2013	28.06.2013	06 days	BRRI, Gazipur	Successfully completed

b. Local Workshop

Title	From	To	Duration	Training Venue	Sponsoring Agenncy	Remarks
Participatory Varietal Selection	22.11.2009	23.11.2009	02 days	BRRI	BRRI, Gazipur	Successfully completed

c. International Training

Title	From	To	Duration	Training Venue	Sponsoring Agenncy	Remarks
Molecular Breeding Course	22.02.2010	05.03.2010	12 days	IRRI	IRRI	Satisfactorily Completed
Genetic Theory of Hybrid Rice Breeding	25.04.2011	08.05.2011	14 days	BRRI	UNESCAP Hybrid Rice Technology Extension Program	Satisfactorily Completed

d. International Workshop

Title	From	To	Duration	Training Venue	Sponsoring Agenncy

Review and Planning Workkshop Phase 2 Year 2	16.04.2012	17.04.2012	2 days	Spectra Convention Center Ltd. Dhaka, Bangladesh	IRRI

e. Foreign Visit

Title	From	To	Duration	Venue	Sponsoring Agenncy
Exposure Visit Program	11.10.2016	18.10.2016	6 days	Chongqing, China	Hybrid Rice Cooperation project

18. Field of Specialization: Genetics and Plant Breeding

19. Research Achievements

Association of Technology developed	Remarks
1. Development of BRRI dhan55	1. Standard Boro variety with moderately drought, cold and salinity tolerance
2. Development of BRRI dhan56	2. Drought tolerant variety for high barind tracts area
3. Development of BRRI dhan57	3. Moderately drought tolerant variety, Jirasail/minikit type grain
4. Development of BRRI dhan58	4. Tissue culture derived standard Boro variety
5. Development of BRRI dhan63 (Soru Balam)	5. Premium quality rice with extra long slender grain
6. Development of BRRI dhan66	6. Drought tolerant variety for high barind tracts area
7. Development of BRRI dhan70	7. Premium quality aromatic rice with extra long slender grain
8. Development of BRRI dhan71	8. Drought tolerant variety for high barind tracts area
9. Development of BRRI dhan80	9. Premium quality aromatic rice with extra long slender grain
10. Development of BRRI dhan81	10. Rainfed lowland rice variety.
11. Development of BRRI dhan90	11. Premium quality rice variety with small grain.
12. Development of BRRI dhan93	12. Rainfed lowland rice variety.
13. Development of BRRI dhan94	13. Rainfed lowland rice variety.
14. Development of BRRI dhan95	14. Rainfed lowland rice variety.
15. Development of BRRI dhan100	15. Zinc enriched rice variety.

20. List of Publications

A. International Paper: 01 (One)

As Principal Author

1. **Ratna Rani Majumder**, Ripon Kumar Roy, M. A. Khaleque Mian and Nasrin Akter Ivy. 2014. Genetic divergence of aromatic Rice (*Oryza sativa* L.). Bangladesh J. Bot. 44(2): 185-191, 2015.

As Co Author: 14 (Fourteen)

1. Yasmin, M R Islam, S Rehana, **R R Mazumder**, M Anisuzzaman, H Khatun, R Rayhan and G B Gregorio, 2012. Molecular Characterization of Inbred and Hybrid Rice Genotypes of Bangladesh. *Sabrao Journal of Breeding and Genetics*, 44 (1) 163-175.
2. K Nahar, M Hasanuzzaman and **R R Majumder**. 2009. Effect of Low Temperature Stress in Transplanted Aman Rice Varieties Mediated by Different Transplanting Dates, *Academic Journal of Plant Sciences* 2 (3): 132-138.

3. Md. Maksudul Haque, **Ratna Rani Majumder**, Tapas Kumer Hore, Md. Romel Biswash. 2015. Yield contributing characters effect of submerged water levels of boro Rice (*Oryza sativa* L.). Scientia Agriculturae, 9 (1), 23-29.
4. M.A Kader, A.K Patwary, M.M. Hossain, **R.R Majumder**. 2015. Study on heterosis of some experimental hybrids in rice. *Sci. Agri.*12 (3): 135-143
5. Ripon Kumar Roy, **Ratna Rani Majumder**, Shahanaz Sultana, ME Hoque and MS Ali. 2015. Genetic Variability, correlation and path coefficient analysis and yield components in Transplant Aman rice (*Oryza sativa* L.). Bangladesh J. Bot. 44(4): 529-535.
6. Md. Abdul Kader, Tamal Lata Aditya, **Ratna Rani Majumder**, Tapas Kumer Hore, Al Amin. 2018. BRRI Dhan63: Exportable premium quality rice like Soru Balam suitable for Boro season in Bangladesh. Journal of Plant Sciences; 6(5): 173-178.
7. Md. Abdul Kader, Tamal Lata Aditya, **Ratna Rani Majumder**, Tapas Kumer Hore, & Al Amin. (2018). Development of High Yielding Aromatic Rice Variety BRRI dhan70 for Wet Season of Bangladesh. Journal of Life Sciences, 12(5). https://doi.org/10.17265/1934-7391/2018.05.001
8. Md. Abdul Kader, Tamal Lata Aditya, **Ratna Rani Majumder**,Tapas Kumer Hore and Md. Ehsanul Haq*. Early Maturing Drought Tolerant Rice Variety BRRI dhan71 Suitable for Drought Prone Environment in Bangladesh. International Journal of Plant & Soil Science, 32(12): 1-11.
9. Md. Abdul Kader, Tamal Lata Aditya, **Ratna Rani Majumder**, Tapas Kumer Hore and Md. Ehsanul Haq*. 2020. BRRI dhan80: High Yielding Jasmine Type Aromatic Rice Variety for Wet Season of Bangladesh. *European Journal of Nutrition & Food Safety 12(9): 126-137.*
10. Md. Abdul Kader, Tamal Lata Aditya, **Ratna Rani Majumder**, Tapas Kumer Hore, A K M Shalahuddin1 and Md. Ehsanul Haq*. 2020. Development of rice varieties BRRI dhan93, BRRI dhan94 and BRRI dhan95 for rainfed lowland ecosystem of Bangladesh. Journal of Agricultural Science and Practice, 5(6), Pp 224-233.
11. Kumar, A., Sandhu, N., Venkateshwarlu, C., Priyadarshi, R., Yadav, S., **Majumder, R. R.**, & Singh, V. K. (2020). Development of introgression lines in high yielding, semi-dwarf genetic backgrounds to enable improvement of modern rice varieties for tolerance to multiple abiotic stresses free from undesirable linkage drag. *Scientific Reports*, *10*(1), 13073. https://doi.org/10.1038/s41598-020-70132-9
12. Yadav, S., Sandhu, N., Dixit, S., Singh, V. K., Catolos, M., **Mazumder, R. R.**, Rahman, M. A., & Kumar, A. (2021). Genomics-assisted breeding for successful development of multiple-stress-tolerant, climate-smart rice for southern and southeastern Asia. *Plant Genome*, *20074*, 1–19. https://doi.org/10.1002/tpg2.20074
13. Yadav, S., Sandhu, N., **Majumder, R. R.**, Dixit, S., Kumar, S., Singh, S. P., Mandal, N. P., Das, S. P., Yadaw, R. B., Singh, V. K., Sinha, P., Varshney, R. K., & Kumar, A. (2019). Epistatic interactions of major effect drought QTLs with genetic background loci determine grain yield of rice under drought stress. *Scientific Reports*, *9*(1), 2616. https://doi.org/10.1038/s41598-019-39084-7
14. Kader, M. A., Shalahuddin, A. K. M., Hore, T. K., **Majumder, R. R.**, Haq, M. E., Fatema, K., Biswas, P. S., & Iftekharuddaula, K. M. (2021). BRRI Dhan100: A Zinc Enriched Rice Variety Suitable for Irrigated Ecosystem in Bangladesh. Asian Plant Research Journal, 8(1), 1–8. https://doi.org/10.9734/aprj/2021/v8i130164

B. National Paper: 11 (Eleven)

As Principal Author: 03 (Three)

1. **R.R. Majumder**, R.K. Roy, M.A. Kader, T.L. Aditya and A. Ansari. 2013. Variability, correlation and path analysis in maintainer lines of aromatic rice for out crossing traits. Bangladesh j. crop sci.25: 139-146.
2. **R R Majumder**, R K Roy, M Khatun, T K Hore, K Nahar, U K Majumder. 2014. Study on outcrossing traits of some aromatic restorer lines of hybrid rice. Eco-friendly Agril. J. 7(10): 110-114.
3. **R R Majumder**, T K Hore, M A Kader and T L Aditya. 2016. G-E interaction of drought tolerant rice genotypes evaluated in drought prone areas of Bangladesh. J. Bangladesh Agril. Univ. 14(1): 23–30, 2016

As Co Author: 08 (Eight)

1. U K Majumder, A Dutta, M S Rahman, **R R Majumder** and D N R Paul. 2008. Consumer Demand Behavior of Rural Households in Dinajpur Sadar Upazila: Applications of Different Types of Engel Models, *J. Sci. Technol.(Dinajpur).* Vol. 6:112-112-120
2. Ansari A., A W Julfiquar., M G Rasul., R K Roy and **R R Majumder.** 2010. Assessment of variability of outcrossing and yield trials in cytoplasmic male sterile lines of hybrid rice (*Oryza sativa* L), *Eco-friendly Agril. J.3 (2):84-88.*
3. T L Aditya, S Ghosal, N Sharma, M R lslama, **R R Majumder**, H Khatun, R Bhuiyan, F M Moinuddin, B Karmakar and TH Ansari. 2010. General and Specific Adaptability through Genowpe-Environment Interactions of Some Somaclonal Lines In Rice Bangladesh. *J. Prog. Sci. & Tech.* 8(1):005-008
4. M Khatun, S Ghosal, M R Hasan, **R R Majumder** and H Begum. 2011. Correlation and Path Coefficient Analysis of Rice Genotypes (*Oryza sativa* L), *Eco-friendly Agril. J.4 (12):768-773.*
5. M Paul, **R R Majumder**, H Khatun, L Ali and R K Roy. 2013. Genetic Variability and character association in tomato (*Lycopersicon esculentum* Mill.). *Eco-friendly Agril. J. 7(10):100-104.*
6. M.A. Kader, A.K. Patwary, M.M. Hossain and **R.R. Majumder.** 2013. Performance of sixty experimental hybrid genotypes of rice in irrigated ecosystem of Bangladesh. *Bangladesh j. crop sci.25: 147-159.*
7. A Akter*, M J Hasan, M A Latif, M U Kulsum, P L Biswas, M H Rahman, **R R Majumder**, L F Lipi, M R Quddus, F Akter, A Ara. 2019. Genetic Variability, Heritability, Correlation and Path Coefficient Studies for Yield and Yield Components of Some Promising Rice Hybrids Bangladesh Rice J. 23 (2): 27-34. doi.org/10.3329/brj.v23i2.48245
8. Jamil M. HASAN, Umma M. KULSUM, **Rani R. MAJUMDER**, Umakanta SARKER*. 2020. Genotypic variability for grain quality attributes in restorer lines of hybrid rice. GENETIKA, Vol. 52, No3, 973-989.

C. Seminar: 02 (Two)

As Principal Author: 01 (One)

1. **R R Majumder**, M A Kader, T K Hore and T L Aditya. 2014. Progress of drought tolerant rice variety development. Paper presented in midterm evaluation workshop of IAPP at BRRI on 06 May 2014.

As Co Author: 01 (One)

1. Aditya TL, Karmakar B, T Islam, Pervin S, **Majumder RR**, Ahmed HU, Sharma NR, Nasim M, Ali MA, Islam S, Ansari TH, Kader MA, Amelia H, Haefele S and Kumar A. 2014. Progress on the development of drought tolerant rice varieties in rainfed lowland rice ecosystem in Bangladesh. Paper presented in BRRI Thursday seminar on 13 March 2014.

D. Proceedings: 01 (One)

As Co Author

1. Tamal Lata Aditya, Saleha Khatun and **Ratna Rani Majumder**. 2011. Research and Development and Future Needs of Aromatic High Value Rice for Export market. In: Proceedings of the National Workshop on Research Achievement of Past Ten Years in Cereal Crops and Future Research Strategies for Sustainable Production and Food Security, Bangladesh Agricultural Research Council, Dhaka, 10-11 January 2011: 46-52.

E. Abstracts: 06 (Six)

As Principal Author: 04 (Four)

1. **Ratna Rani Majumder**, M. A. Khaleque Mian, Nasrin Akter Ivy and Ripon Kumar Roy. 2011. Out crossing characteristics of identified B (maintainer lina) and R line (restorer line) of rice. In: Suevenir of 8th Biennial Conference of Plant Breeding and Genetics Society of Bangladesh to Address Stress Conditions in Bangladesh. P 53. Sher-e-Bangla Agricultural University, Dhaka, 10 December 2011.

2. **R R Majumder**, M A Kader, T K Hore and T L Aditya. 2014. Progress of drought tolerant rice variety development. In: 9th Biennial Conference of Plant Breeding and Genetics Society of Bangladesh. P 61. KIB and BARC, Dhaka, 25-26 October 2014.
3. **R R Majumder**, M A Kader, T K Hore, H U Ahmed and T L Aditya. 2014. BRRI dhan66: a new drought tolerant variety for drought prone area of Bangladesh. In: Bangladesh Rice research Institute Abstract 2014. P28.

4. **Ratna Rani Majumder**, Katrina Leslie Nicolas, Nitika Sandhu, Shailesh Yadav, Lutful Hassan, Amir Hossain, Jauhar Ali and Arvind Kumar**.** Double haploid lines harboring multiple QTLs/genes for various abiotic-biotic stresses in rice. In: 5th international Rice congress Singapore 12-15 October 2018.

As Co Author: 07 (Seven)

1. Aditya TL, Karmakar B, T Islam, Pervin S, **Majumder R**, Haefele S, Henry A and Kumar A. 2014. Recent progress on the development of drought tolerant rice variety under rainfed lowland rice ecosystem in Bangladesh. In: Suevenir of 8th Biennial Conference of Plant Breeding and Genetics Society of Bangladesh to Address Stress Conditions in Bangladesh. P 50. Sher-e-Bangla Agricultural University, Dhaka, 10 December 2011.
2. Roy, R. K., U. K. Sarker, M. A. Khalaque Mian. **R. R. Majumder**. 2011. Diallel analysis in local and HYV rice (*Oryza sativa* L.). In: Suevenir of 8th Biennial Conference of Plant Breeding and Genetics Society of Bangladesh to Address Stress Conditions in Bangladesh. P53. Sher-e-Bangla Agricultural University, Dhaka, 10 December 2011.
3. R.K. Roy, **R.R. Majumder,** S. Sultana, M.E. Hoque and M.S. Ali. 2014. Genetic variability, correlataion and path coefficient analysis for yield and yield components in transplanted Aman Rice (*Oryza sativa* L.). In: 9th Biennial Conference of Plant Breeding and Genetics Society of Bangladesh. P76. KIB and BARC, Dhaka, 25-26 October 2014.
4. T L Aditya, B Karmakar, T. Islam, S Pervin, **R R Majumder**, H U Ahmed, N R Sharma, M Nasim, M A Ali, S. Islam, T H Ansari, M A Kader, T K Hore, H Amelia, S Haefele and A Kumar. 2014. Progress on development of drought tolerant rice varieties in rainfed lowland rice ecosystem in Bangladesh. In: Bangladesh Rice research Institute Abstract 2014. P31.
5. M A Kader, T. K Hore, **R R Majumder**, H U Ahmed and T L Aditya. 2014. BRRI dhan63 is a premium quality rice variety like Balam. In: Bangladesh Rice research Institute Abstract 2014. P19.
6. T. K Hore, M A Kader, **R R Majumder**, H U Ahmed and T L Aditya. 2014. BR7611-5-3-2 is a promising breeding line: An alternative of BR11 mega variety. In: Bangladesh Rice research Institute Abstract 2014. P24.
7. M A Hossain, M A Kader, A I Khan, **R R Majumder**, T. K Hore and H U Ahmed. 2014. Development of disease resistant rice varieties. In: Bangladesh Rice research Institute Abstract 2014. P20.

F: Leaflet: 02 (Two)

1. Dr. Tamal Lata Aditya and **Ratna Rani Majumder**. BRRI dhan58: A complementary variety to BRRI dhan29 for Boro season. Bangladesh Rice Research Institute. Gazipur-1701.
2. Bishnu Pada Ray, Dr. Md. Shahidul Islam, Dr. Md. Abdul Kader, Ratna Rani Majumder and Pabin Chandra Barman. 2015. Rice cultivation procedure of BRRI developed early rice variety for the drought mitigation in the northern region of Bangladesh.

G: Poster: 05 (Five)

1. Dr. Helal Uddin Ahmed, Dr. M. Akhlasur Rahman, Dr. Md. Rafiqul Islam, Dr. Tamal Lata Aditya, Dr. Partha Sarathi Biswas, Nirmal Sharma, Hasina Khatun, Mohammad Anisuzzaman and **Ratna Rani Majumder**.

BRRI dhan55: A new variety suitable for Boro and Aus season. Plant Breeding Division. Bangladesh Rice Research Institute. Gazipur-1701.

2. Dr. Tamal Lata Aditya, Dr. Towfiqul Islam, Mst. Salma Parvin, Biswajit Karmakar, **Ratna Rani Majumder** and Dr. Helal Uddin Ahmed. BRRI dhan56: First drought tolerant variety for T. Aman developed by BRRI. Bangladesh Rice Research Institute. Gazipur-1701.
3. Dr. Tamal Lata Aditya, Dr. Towfiqul Islam, Mst. Salma Parvin, Biswajit Karmakar, **Ratna Rani Majumder** and Dr. Helal Uddin Ahmed. BRRI dhan57: Medium drought tolerant variety having slender grain for T. Aman season developed by BRRI. Bangladesh Rice Research Institute. Gazipur-1701.
4. Dr. Tamal Lata Aditya, Dr. Md. Abdul Kader, **Ratna Rani Majumder,** Tapas Kumer Hore and Dr. Helal Uddin Ahmed. BRRI dhan58: A complementary variety to BRRI dhan29 for Boro season. Bangladesh Rice Research Institute. Gazipur-1701.
5. Dr. Tamal Lata Aditya, Dr. Md. Abdul Kader, **Ratna Rani Majumder,** Tapas Kumer Hore and Dr. Helal Uddin Ahmed. BRRI dhan63: Export quality variety having slender grain for Boro season (Soru Balam). Bangladesh Rice Research Institute. Gazipur-1701.
6. **Ratna Rani Majumder**, Katrina Leslie Nicolas, Nitika Sandhu, Shailesh Yadav, Lutful Hassan, Amir Hossain, Jauhar Ali and Arvind Kumar. Double haploid lines harboring multiple QTLs/genes for various abiotic-biotic stresses in rice. In:International rice congress 2018 held on 15-17 October 2018, Singapore.

G: Popular Article: 01 (One)

1. M A Rahman, P S Biswas, MRA Sarker, R R Majumder, T K hore, M Anisuzzaman, M M Haque, M Khatun and T L Aditya. July-September 2015. BRRI Newsletter. P 2.

H. Book Chapter: 01 (One)

1. **Majumder, R. R**., Sakhale, S., Yadav, S., Sandhu, N., Hassan, L., Hossain, M. A., & Kumar, A. (2021). Molecular Breeding for Improving Drought Tolerance in Rice: Recent Progress and Future Perspectives. In Molecular Breeding for Rice Abiotic Stress Tolerance and Nutritional Quality (pp. 53–74). Wiley. https://doi.org/10.1002/9781119633174.ch3

21. Membership of Professional Societies

a) Genetics and Plant Breeding Society of Bangladesh
b) Bangladesh Botanical Society
c) Bangladesh Rice Research Institute Scientists Association
d) Krishibid Institution of Bangladesh
e) Bangabandhu Krishibid Parishad
f) Bangladesh Academy of Sciences (BAS)

22. Academic/research award if any

a) NSICT fellowship for the period of 2008-2009 provided by Ministry of Science, Information and Communication Technology, Bangladesh.
b) Organization for Women in Science for the Developing World (OWSD) PhD scholarship 2015.

23. References

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