

CURRICULUM VITAE

- 1. Name** : **DR. MD. ABDUL KADER**
- 2. Father's Name** : Late Md. Aminul Islam
- 3. Mother's Name** : Mrs Rofia Khatun
- 4. Permanent Address** : Village + P. O. – Barashwar (Post Code – 3526),
Ward Number – 4, Union – Rajapur, Upazila – Burichang,
District – Comilla, Bangladesh.
- 5. Present Address** : Principal Scientific Officer, Plant Breeding Division
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- 6. Residential Address** : House No. – F-Tagar-2, BRRRI Residential Area,
Bangladesh Rice Research Institute, Joydebpur, P. O. – BRRRI
(Post Code – 1701), Ward number – 27, Upazila – Sadar,
District – Gazipur, Bangladesh.
- 7. Date of Birth** : 01 April, 1969
- 8. Nationality** : Bangladeshi (by birth)
- 9. Religion** : Islam (Sunni)
- 10. Marital Status** : Married

11. Educational Qualification:

Name of Exam.	Year of Passing	Board/University	Division/Class	Marks Obtained (%)
S.S.C (Science)	1985	Comilla	First	66.6
H.S.C (Science)	1987	Comilla	Second	55.9
B.Sc.Ag.	1991 (Held in 1995)	Bangladesh Agricultural University, Mymensingh	First	62.0
M.S. in Crop Botany	1996	Bangladesh Agricultural University, Mymensingh	First (A Grade)	70.2
Ph.D. in Genetics and Plant Breeding	2012	Bangladesh Agricultural University, Mymensingh	Passed	-

12. Training:

In-country					
SN	Training Title	Starting Date	Ending Date	Duration	Institute
1	Seed Production and Homestead Gardening	07-02-1998	18-02-1998	12 days	Proshika Dhaka
2	Rice Breeding and Hybrid Rice Development	21-03-1999	24-03-1999	04 days	BRII Gazipur
3	Rice Production, Communication and Office Management	12-07-1999	09-09-1999	02 months	BRII Gazipur
4	Conduct, Discipline and Protocol	08-05-2000	18-05-2000	11 days	RPATC Rajshahi
5	Foundation Training Course	05-11-2000	18-02-2001	3.5 months	BARD Comilla
6	Hybrid Rice Cultivation and Management Practices	28-02-2001	01-03-2001	02 days	BRII Gazipur
7	Breeder Seed Production	02-12-2001	06-12-2001	05 days	BRII Gazipur
8	Technique of Agricultural Technology Transfer	28-05-2003	29-05-2003	02 days	AIS Comilla
9	Success Case Replication	29-06-2003	06-07-2003	08 days	BRII Gazipur
10	Disaster Management	30-07-2005	30-07-2005	01 day	BARD Comilla
11	Breeder Seed Production and Preservation	20-11-2005	22-11-2005	03 days	BRII Gazipur
12	Awareness Building on the Recent Advances of Agricultural Biotechnology and Biosafety	05-02-2006	06-02-2006	02 days	BARD Comilla
13	Conservation and Utilization of Plant Genetic Resources	09-04-2007	12-04-2007	04 days	BARI Gazipur
14	Basic Plant Breeding for Agricultural Researchers	03-06-2012	14-06-2012	12 days	BSMRAU Gazipur
15	Theoretical and Applied Molecular Breeding	24-09-2012	29-09-2012	06 days	BRII Gazipur
16	Project Development and Management	10-02-13	14-02-13	05 days	BARC Dhaka
17	Biosafety Measures in Transgenic Crop	30-03-15	31-03-15	02 days	BARC Dhaka
18	Advanced Microsoft Excel & Advanced Microsoft Power Point	03-06-16	05-06-16	03 days	BIM Dhaka
19	Design and Analysis of Breeding Trials using Plant Breeding Tools (PBTools)	15-01-17	18-01-17	04 days	BRII Gazipur
20	Crossing Design of BRII's Breeding Program using GBS Profiles	07-05-17	08-05-17	02 days	BRII Gazipur
21	Application of Dry Store technology on rice seed	09-05-17 18-10-17	09-05-17 18-10-17	01 day 01 day	BRII Gazipur

22	P-rep Design	05-12-17	05-12-17	01 day	BRRIGazipur
23	Practical workshop for high-throughput sampling and analysis	18-10-18	19-10-18	02 days	BRRIGazipur
Abroad					
24	Developing Integrated Nutrient Management Options for Delivery	24-02-2003	07-03-2003	12 days	IRRI Philippines
25	English for Conversation	24-02-2003	06-03-2003	11 days	IRRI Philippines
26	Agro and Biotechnology	09-05-2007	28-05-2007	20 days	NATESC China
27	Marker Assisted Introgration of Drought Grain Yield QTLs in BR11	24-06-2013	18-09-2013	3 months	IRRI Philippines
28	Product profiling for rice varieties in Bangladesh	22-10-2016	04-11-2016	14 days	IRRI Philippines

13. Experience:

Sl. No.	Job Title	Joining Date	Ending Date	Duration	Institute
1	Researcher	01-07-1995	31-12-1996	1.50 years	QPM Project, BAUMymensingh
2	Research Fellow	08-12-1996	31-05-1997	0.50 years	BAUMymensingh
3	Program Organizer	01-11-1997	31-05-1998	0.58 years	Proshika Dhaka
4	Scientific Officer	09-06-1998	27-02-1999	0.75 years	Hybrid Rice Project BRRIGazipur
5	Scientific Officer	28-02-1999	11-01-2011	11.87 years	BRRIGazipur
6	Senior Scientific Officer	12-01-2011	30-01-2019	8.05 years	BRRIGazipur
7	Principal Scientific Officer	31-01-2019	To date	-	BRRIGazipur

14. Publication:

A. List of paper published in Peer Reviewed Reputed International Journal as principal author

Sl. No.	Authors & Title
1	Kader M. A. , A. K. Patwary, M. M. Hossain and R. R. Majumder. 2015. Study on heterosis of some experimental hybrids in rice. <i>Scientia Agriculture</i> . 12(3): 135-143.
2	Kader M. A. , A. K. Patwary, M. M. Hossain, T. K. Hore and M. M. Haque. 2017. Determination of seeding interval of most promising parental lines of hybrid rice. <i>Saudi J. Life Sci</i> . 2(1): 1-5.
3	Kader M. A. , T. L. Aditya, R. R. Majumder, T. K. Hore and A. Amin. 2018. BRRI dhan63: Exportable premium quality rice like Soru Balam suitable for boro season in Bangladesh. <i>J. of Plant Sciences</i> . 6(5): 173-178.
4	Kader M. A. , T. L. Aditya, R. R. Majumder, T. K. Hore and A. Amin. 2018. Development of high yielding aromatic rice variety BRRI dhan70 for wet season of Bangladesh. <i>J. of Life Sciences</i> . 12: 203-213.

B. List of paper published in Peer Reviewed Reputed International Journal as co-author

Sl. No.	Authors & Title
1	Anisuzzaman M., M. A. Kader , M. G. Ali, M. M. Haque and T. Halder. 2016. Development of high yielding rice varieties for favorable ecosystem with 40% higher yield than the present variety. <i>Middle-East J. of Scientific Res</i> . 24(11): 3644-3653.
2	Amin A., K. M. Iftekharuddaula, A. Sarker, M. A. Kader , A. H. Talukder, T. L. Aditya, M. A. Ali and M. S. Kabir. 2018. Exploration of SNORKEL1 (SK1) and SNORKEL2 (SK2) QTLs in deep water rice germplasm through genotyping and in-silico approach. <i>American J. of Plant Biology</i> . 3(4): 33-40.

C. List of paper published in Other Journals (National/Int'l) as principal author

Sl. No.	Authors & Title
1	Kader M. A. , M. A. H. Khan, M. A. Hasan and S. Khondker. 2000. Effect of Jute-Sesbania Association on Growth and Yield of Jute & Soil Properties. <i>Bangladesh J. Agril. Sci</i> . 27(1): 77-81.
2	Kader M. A. , M. A. Mazid, J. C. Biswas, M. K. Bashar and M. S. R. Bhuiyan. 2001. Adaptability of BRRI Released Transplant Aman Rice Varieties in North West of Bangladesh. <i>J. Agric. Sci. Tech</i> . 2(2): 20-23.
3	Kader M. A. , N. Ahmed, A. W. Julfikar and M. A. Mazid. 2001. Study on Flowering Behavior and Relation with Climatic Factors of Some Selected Promising Parental Lines of Hybrid Rice. <i>Progress. Agric</i> . 12(1&2): 105-109.
4	Kader M. A. , M. A. Mazid, B. Karmakar, M. Hossain and A. W. Julfikar. 2002. Synchronization in Flowering of Parental Lines of Hybrid Rice by Phosphorous Fertilizer. <i>J. Bio-Sci</i> . 10: 65-69.
5	Kader M. A. , M. A. Mazid, M. K. Bashar, M. Hossain and A. W. Julfikar. 2003. Effect of Application of GA ₃ on CMS Seed Production in Rice. <i>Bangladesh J. Pl. Breed. Genet</i> . 16(2): 45-50.

6	Kader M. A. 2003. Synchronization of Flowering in Parental Lines of Hybrid Rice by Urea Application. Bangladesh J. Agril. Sci. 30(2): 241-246.
7	Kader M. A. , M. A. Mazid, B. Karmakar, N. Ahmed and A. W. Julfikar. 2004. Performance of Promising Rice Hybrids in Northern-West Part of Bangladesh Under Irrigated Ecosystem. Bangladesh J. Agril. Sci. 30(2): 295-298.
8	Kader M. A. , N. Ahmed, M. A. Mazid, B. Karmakar and A. W. Julfikar. 2005. Development of Hybrid Rice Seed Production Technology for Farmers Field. Bangladesh J. of Agril. Sci. 32(2): 141-146.
9	Kader M. A. , A. K. Patwary, M. M. Hossain and T. K. Hore. 2013. Study on floral biology of parental lines of hybrid rice. Bangladesh J. Crop Sci. 24: 33-46.
10	Kader M. A. , 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.
11	Kader M. A. , A. K. Patwary, M. M. Hossain and T. K. Hore. 2014. Combining ability analysis of rice (<i>O. Sativa</i> L.) to identify promising parental lines and heterotic hybrids. Bangladesh J. Crop Sci. 25: 121-132.

D. List of paper published in Other Journals (National/Int'l) as co-author

Sl. No.	Authors & Title
1	Khondker S., M. A. Newaz and M. A. Kader . 2000. Genetic Analysis in Diallel Population of Lablab Bean Treated with and without Added Nutrients. Bangladesh J. Agril. Sci. 27(2): 163-170.
2	Islam M. S., M. S. U. Bhuiya, M. A. R. Sarkar and M. A. Kader . 2000. Effect of Variety and Storing Time of Seedling on the Yield of Boro Rice. Bangladesh J. Genet. Biotech. 1(1): 9-14.
3	Hossain M., M. A. Mazid, M. A. Begum, M. A. Kader and B. Sikdar. 2001. Effect of Variety and Seedling Age on the Yield of Hybrid Rice. Bangladesh J. Genet. Biotech. 1(1&2): 9-14.
4	Karmakar B., M. A. Kader , B. Sikdar and M. Hossain. 2001. Agronomic Responses of Hybrid and Inbred Rice to Nitrogen. J. Bio-Sci. 9: 31-38.
5	Karmakar B., M. A. Mazid, M. A. Ali, M. A. Kader and B. Sikdar. 2002. Varietal Performance of Hybrid and Inbred Rice Affected by Different Level of Nitrogen. Bangladesh J. Genet. Biotech. 3(1&2): 21-24.
6	Ahmed N., Z. Islam and M. A. Kader . 2003. Identification of Resistance Sources of Rice Against Populations of Rice Gall Midge, <i>Orseolia Oryzae</i> (Wood-Mason) (Diptera: Cecidomyiidae). Bangladesh J. Entomol. 13(1): 33-42.
7	Hossain M., M. A. Mazid, M. A. Kader , M. M. Kamal, M. A. T. Mia and I. U. Mollah. 2003. Effect of Soil Solarization and Nematicide on Soil Parasitic Nematode in Direct Seeded Rice-Wheat System. The Agriculturists. 1(1): 47-52.

8	Aditya T. L., M. A. Salam, H. U. Ahmed, M. Khatun, A. A. Mahbub, M. E. Haque, M. A. Kader , K. M. Iftekharuddaula, M. R. Islam and A. R. Bhuiyan. 2010. BRRI dhan49: A Complimentary Variety to BR11 and Supplementary Variety to BRRI dhan32 in Rainfed Low Land Rice Environment. Bangladesh Rice J. 15(1): 57-61.
9	Majumder R. R., R. K. Ray, 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.
10	Majumder R. R., T. K. Hore, M. A. Kader and T. L. Aditya. 2016. Genotype and environment interaction of drought tolerant rice genotypes evaluated in drought prone area of Bangladesh. J. Bangladesh Agril. Univ. 14(1): 23-30.

E. List of books as principal author

Sl. No.	Authors & Title
1	Kader M. A. , P. S. Biswas and M. A. Momin. 2018. Frequently asked questions on golden rice. Bangladesh Rice Research Institute, Gazipur, Bangladesh.

F. List of books as co-author

Sl. No.	Authors & Title
1	Uddin M. J., A. H. M. I. Ahmed, A. T. M. H. Islam, M. N. Islam, A. Kader and M. A. Kader . 2009. Modern Agricultural Technology – 1. Published by M. G. Kibria, Comilla, Bangladesh.
2	Uddin M. J., A. H. M. I. Ahmed, A. T. M. H. Islam, M. N. Islam, M. I Ali, A. Kader and M. A. Kader . 2009. Modern Agricultural Technology – 2. Published by M. K. Hossain and S. Islam, Comilla, Bangladesh.
3	Islam A. K. M. S., M. T. Islam, M. S. Rahman and M. A. Kader . 2016. Selective mechanization in rice cultivation for enhancing productivity. Bangladesh Rice Research Institute, Gazipur, Bangladesh.

G. List of bulletins/leaflets/folders as principal author

Sl. No.	Authors & Title
1	Kader M. A. 2001. Contribution of Hybrid Rice. The poetry published in Souvenir of foundation training course at BARD (in Bengali). P. 34.
2	Kader M. A. 2003. Urea Application in Rice Field by Leaf Color Chart (LCC). The Daily Rupashi Bangla, 21 December, 2003 (in Bengali).
3	Kader M. A. 2008. Means of Increasing Hybrid Rice Seed yield. Krishi Kotha. 67(10): 292-293. (in Bengali).
4	Kader M. A. , T. L. Aditya, R. R. Majumder and T. K. Hore. 2016. BRRI dhan63: An exportable boro rice variety like slender balam (in Bengali).

5	Kader M. A. , T. L. Aditya, R. R. Majumder and T. K. Hore. 2016. BRRRI dhan66: A drought tolerant modern transplant aman variety developed by BRRRI (in Bengali).
6	Kader M. A. , T. L. Aditya, R. R. Majumder and T. K. Hore. 2016. BRRRI dhan70: An exportable aromatic slender transplant aman rice variety like basmati (in Bengali).
7	Kader M. A. , T. L. Aditya, R. R. Majumder and T. K. Hore. 2016. BRRRI dhan71: A severe drought tolerant modern transplant aman variety developed by BRRRI (in Bengali).
8	Kader M. A. , M. A. Momin and A. Amin. 2018. Golden rice – A promising technology to combat vitamin-A deficiency (in Bengali).
9	Kader M. A. , T. L. Aditya, R. R. Majumder and T. K. Hore. 2018. Production technology of zinc enriched boro rice variety BRRRI dhan 84 (in Bengali).
10	Kader M. A. , P. S. Biswas, M. Anisuzzaman and T. L. Aditya. 2018. BRRRI dhan80: Production technology of exportable jasmine type aromatic aman rice (in Bengali).
11	Kader M. A. , J. K. Biswas and S. Haq. 2018. Healthier rice better life. SABP Newsletter. 15(7):4.
12	Kader M. A. 2019. Current status of golden rice research in Bangladesh. SABP Newsletter. 16(2):2.
13	Kader M. A. , T. L. Aditya, T. K. Hore, R.R. Majumder and A. K. M. Shalahuddin. 2019. New rice varieties BRRRI dhan93, BRRRI dhan94 and BRRRI dhan95. BRRRI Newsletter (Dhan gobeshona stomacher). 30(2):1.

H. List of bulletins/leaflets/folders as co-author

Sl. No.	Authors & Title
1	Mazid M. A., M. Hossain, M. A. Kader and B. Karmakar. 1999. Modern Cultivation Method in Early Aman Rice-Chickpea System to Escape Drought in Rainfed High Barind Area (in Bengali).
2	Mazid M. A., M. A. Kader , C. Riches and M. Mortimar. 2002. Factsheet-Herbicide use in Rice (in Bengali).
3	Mazid M. A., M. A. Kader , C. Riches and M. Mortimar. 2002. Improving Farmer's Livelihood in Bangladesh-Resolving the Problem of Yield Gaps due to Weeds (in Bengali).
4	Latif M. A., M. R. Islam and M. A. Kader . 2004. Prospect of System of Rice Intensification (SRI) in Seed Production in Boro Season (in Bengali).
5	Latif M. A., M. A. Kader , M. A. Hossain and P. K. S. Ray. 2004. Rice Blast Disease and Its Control (in Bengali).
6	Latif M. A., M. A. Kader , M. A. Hossain and P. K. S. Ray. 2004. Bakanae: A Harmful and Major Disease of Rice (in Bengali).

7	Saha Ray P. K. and M. A. Kader . 2008. Introduction on Bangladesh Rice Research Institute. Published in Souvenir of agricultural Technology Fair – 2008. P. 23.
8	Roy B. P., M. S. Islam, M.A. Kader , R. R. Majumder and P. C. Barman. 2015. Production technology of drought tolerant early aman variety to combat drought in northern part of Bangladesh (in Bengali).
9	Rahman M. A., P. S. Biswas, M. A. Kader , M. R. A. Sarker, R. R. Majumder, T. K. Hore, M. Anisuzzaman, M. M. haque, M. Khatun and T. L. Aditya. 2015. Four new rice varieties. BRRRI Newsletter (Dhan gobeshona stomacher). 26(3):2.
10	Momin M. A. and M. A. Kader . 2017. BRRRI workshop on data collection and compliance management of golden rice CFTs. SABP Newsletter. 14(3):2.
11	Aditya T. L., M. Anisuzzaman, A. Rahman, M. A. Kader and M. R. A. Sarker. 2018. BRRRI dhan81: The complementary variety of popular BRRRI dhan28 and local Zira for boro season (in Bengali).
12	Aditya T. L., M. A. Kader , R. R. Majumder, T. K. Hore and H. U. Ahmed. 2019. BRRRI dhan58: The complementary variety of BRRRI dhan29 for boro season (in Bengali).
13	Aditya T. L., M. A. Kader , R. R. Majumder, T. K. Hore and H. U. Ahmed. 2019. BRRRI dhan63: An exportable fine rice variety for boro season (Sосу Balam) (in Bengali).

I. List of proceedings of seminar/workshop and abstract as principal author

Sl. No.	Authors & Title
1	Kader M. A. 1999. Prospects of Two-Line Hybrid Rice in Bangladesh. The paper presented in Bangladesh Rice Research Institute Thursday Seminar on 09 September 1999.
2	Kader M. A. , M. A. Mazid and A. W. Julfikar. 2002. Effect of Different Seed Production Components on Seed Yield of Hybrid Rice. The paper presented in National Workshop on Hybrid Rice Research and Development in Bangladesh-Progress and Future Strategies on 5-7 January 2002.
3	Kader M. A. and P. K. Saha Ray. 2006. Fine Rice Processing and Marketing. The paper presented in Regional Workshop on Fine Rice Production and Marketing of Comilla Region on 16 April 2006.
4	Kader M. A. , M. A. A. Mahub and S. A. Islam. 2007. Agro and Biotechnology – An Experience in China. The paper presented in Bangladesh Rice Research Institute Thursday Seminar on 02 August 2007.
5	Kader M. A. 2013. Selection of Superior Parental Lines and Developing Heterotic Hybrids in Rice. The paper presented in Bangladesh Rice Research Institute Thursday Seminar on 17 January 2013.

6	Kader M. A. and T. K. Hore. 2013. Varietal characteristics of the drought tolerant rice varieties. The paper presented in Bangladesh Agricultural Development Corporation Regional Seminar at Rajshahi on 11 May 2013.
7	Kader M. A. , T. K. Hore, R. R. Majumder, H. U. Ahmed and T. L. Aditya. 2014. BRRI dhan63 is a premium quality rice variety like balam. Bangladesh Rice Research Abstract. BRRI Gazipur. P.19.
8	Kader M. A. , T. K. Hore, R. R. Majumder, T. L. Aditya and M. S. Parvin. 2015. Research activity of drought tolerant rice variety development 2014-15. The paper presented in central workshop of IAPP at BRRI on 08 June 2015.
9	Kader M. A. , K. M. Iftekharuddaula and Z. R. Moni. 2016. Overview of Integrated Agricultural Productivity Project (IAPP) – BRRI component. The paper presented in the regional workshop of Barisal of IAPP at Patuakhali on 27 February 2016.
10	Kader M. A. , K. M. Iftekharuddaula and Z. R. Moni. 2016. Achievement of Integrated Agricultural Productivity Project (IAPP) – BRRI component. The paper presented in the completion workshop of IAPP at BRRI Gazipur on 6 June 2016.
11	Kader M. A. , T. K. Hore, A. Amin, M. A. Momin, R. Reinke, M. Swamy, R. Boncodin and D. J. Mackenzie. 2018. Agronomic performance of GR2E BRRI dhan29 golden rice across multiple environments and growing seasons in Bangladesh. The paper presented as poster presentation at 6 th annual South Asia biosafety conference in Bangladesh held on 15-17 September 2018.
12	Kader M. A. , P. S. Biswas, H. U. Ahmed, M. A. Hossain, M. R. Islam, M. N. Bari, M. A. Siddiquee, T. K. Hore, A. Amin, M. M. Haque, M. K. A. Bhuiyan, M. P. Ali, M. A. Monsor, M. Iqbal, H. B. Shozib, N. Ferdous, M. Hossain, A. Islam, M. S. Mian, M. Rashid, M. Adil, S. Akter, F. Akter, M. Harun-Or-Rashid, M. A. Syed, A.T.M. S. Hossain, S. Maniruzzaman, H. R. Hera, G. S. Jahan, M. A. Latif, T. L. Aditya, M. A. Ali, M. S. Kabir, M. R. Reinke, M. Swamy, R. Boncodin, and D. J. MacKenzie. 2018. Updates of golden rice research in Bangladesh. The paper presented in special seminar at BRRI on 01 October 2018.

J. List of proceedings of seminar/workshop and abstract as co-author

Sl. No.	Authors & Title
1	Ahmed N., M. A. Kader , M. A. Mazid, and A. W. Julfiquar. 2002. Relationship Between Climatic Factors and Flowering Behavior of Some Promising Lines of Hybrid Rice and Development of Farmer's Field Level Hybrid Rice Seed Production Technology. The paper presented as poster presentation at First International Rice Congress in Beijing held on 16-20 September 2002.
2	Saha Ray P. K., M. A. Kader and P. K. Saha. 2005. Research Highlights of BRRI Regional Station, Comilla. The paper presented in Regional Research – Extension Review and Program Planning Workshop on 29-30 May 2005.

3	Saha P. K., M. A. Kader and P. K. Saha Ray. 2005. Varietal Response to Nitrogen Rates and Effect of USG Application in Rice Production. The paper presented in Regional Research – Extension Review and Program Planning Workshop on 29-30 May 2005.
4	Saha Ray P. K. and M. A. Kader . 2006. Characteristics and Production Techniques of Fine Rice Variety. The paper presented in Regional Workshop on Fine Rice Production and Marketing of Comilla Region on 16 April 2006.
5	Saha P. K., M. A. M. Miah, M. A. Kader and P. K. Saha Ray. 2006. Nitrogen, Phosphorus and Potassium Fertilizer Management for Rice Production in Comilla Region. The paper presented in Regional Research – Extension Review and Program Planning Workshop on 17-18 May 2006.
6	Aditya T. L., 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 , H. Amelia S. Haefele and A. Kumar. 2014. Progress on the development of drought tolerant rice varieties in rainfed lowland rice ecosystem in Bangladesh. The paper presented in Bangladesh Rice Research Institute Thursday Seminar on 13 March 2014.
7	Majumder R.R., M. A. Kader , T. K. Hore and T. L. Aditya. 2014. Progress of drought tolerant variety development. The paper presented in mid-term evaluation workshop of IAPP at BRRRI on 06 May 2014.
8	Majumder R.R., M. A. Kader , T. K. Hore and T. L. Aditya. 2014. Progress of drought tolerant variety development. The abstract published in souvenir of 9th biennial conference of Plant Breeding and Genetics Society of Bangladesh at BARC, Dhaka on 25-26 October 2014.
9	Hossain M. A., M. A. Kader , A. I. Khan, R. R. Majumder, T. K. Hore and H. U. Ahmed. 2014. Development of disease resistant varieties. Bangladesh Rice Research Abstract. BRRRI Gazipur. P.20.
10	Hore T. K., 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. Bangladesh Rice Research Abstract. BRRRI Gazipur. P.24.
11	Majumder R. R., M. A. Kader , T. K. Hore, H. U. Ahmed and T. L. Aditya. 2014. BRRRI dhan66: a new drought tolerant variety for drought prone area of Bangladesh. Bangladesh Rice Research Abstract. BRRRI Gazipur. P.28.
12	Aditya T. L., 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 the development of drought tolerant rice varieties in rainfed lowland rice ecosystem in Bangladesh. Bangladesh Rice Research Abstract. BRRRI Gazipur. P.31.
13	Pervin M. S., T. Halder, M. Khalequzzaman, M. A. Kader , T. L. Aditya and R. Yasmeen. 2017. Genetic diversity and screening of rice (<i>Oryza sativa</i> L.) genotypes for drought tolerance at reproductive phase. The abstract published in souvenir of

	10th biennial conference of Plant Breeding and Genetics Society of Bangladesh at BARC, Dhaka on 7 – 8 January 2017.
14	Rahman M. A., K. M. Iftexharuddaula, M. Khatun, M. A. Kader , M. Anisuzzaman, T. L. Aditya, M. R. Quddus, A. Amin, M. R. Islam, G. N. Atlin and M. A. Ali. 2018. Field Rapid Generation Advance (FRGA): an appropriate tool for step change breeding in rice variety development. The paper presented as poster presentation at workshop on transforming rice breeding: cutting edge breeding approaches in Bangladesh held on 23-24 October 2017.
15	Iftexharuddaula K. M., M. A. Rahman, M. Khatun, M. A. Kader , M. Anisuzzaman, T. L. Aditya, A. Amin, M. R. Islam, G. N. Atlin and M. A. Ali. 2018. Principle and practice of transforming rice breeding concept at BRRI. The paper presented as poster presentation at workshop on transforming rice breeding: cutting edge breeding approaches in Bangladesh held on 23-24 October 2017.
16	Iftexharuddaula K. M., M. A. Rahman, M. Khatun, M. A. Kader , M. R. A. Sarker, A. K. M. Shalahuddin, T. L. Aditya, M. A. Ali, M. R. Islam, G. N. Atlin and M. S. Kabir. 2018. Provisional product profiles for flash flood prone environments in Bangladesh. The paper presented as poster presentation at workshop on transforming rice breeding: Breeding program modernization initiative in India held on 08-10 October 2018.
17	Iftexharuddaula K. M., M. A. Rahman, M. Khatun, M. A. Kader , M. R. A. Sarker, A. K. M. Shalahuddin, T. L. Aditya, M. A. Ali, M. R. Islam, G. N. Atlin and M. S. Kabir. 2018. Automation and digitization in BRRI breeding programme. The paper presented as poster presentation at workshop on transforming rice breeding: Breeding program modernization initiative in India held on 08-10 October 2018.
18	Iftexharuddaula K. M., M. A. Rahman, M. Khatun, M. A. Kader , M. R. A. Sarker, T. L. Aditya, M. A. Ali, J. V. Asbrouck, G. N. Atlin and M. S. Kabir. 2018. Drying bead technology in BRRI breeding programme. The paper presented as poster presentation at workshop on transforming rice breeding: Breeding program modernization initiative in India held on 08-10 October 2018.
19	Biswas P. S. and M. A. Kader . 2019. Biosafety credentials of GR2-E BRRI dhan29 golden rice. The paper presented as poster presentation at 7 th annual South Asia biosafety conference in Bangladesh held on 14-16 September 2019.
20	Biswas J. K., M. A. Siddiquee, H. B. Shozib, M. A. Kader and M. S. Kabir. 2019. Golden rice and some biosafety issues: Bangladesh perspective. The paper presented at 14 th Asia-Pacific Biorisk Conference in Bangladesh held on 17-20 September 2019.
21	Iftexharuddaula K. M., P. S. Biswas, M. Akhlaqur Rahman, M. Khatun, M. A. Kader , M. R. A. Sarker, Sharmista Ghosal, M. A. Latif, R. Yasmeen, T. L. Aditya and M. S. Kabir. 2019. Molecular rice breeding at BRRI: Progress and way forward. The paper presented at 4 th Innovations in Plant and Food Sciences & International Conference on Biotechnology in Health and Agriculture in Dhaka University, Bangladesh held on 11-13 November 2019.

22	Russell Reinke, M. Swamy, M. A. Kader , R. Ordonio, U. Susanto and E. Arocena. 2019. Rice biofortification – Progress and challenges in improving the nutrition value of rice. The paper presented at 3 rd International Tropical Agriculture Conference in Australia held on 11-13 November 2019.
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15. Participation in Technology Development:

Sl. No.	Technology
1	Adjustment of flowering in parental lines of hybrid rice by P-fertilizers.
2	Adjustment of flowering in parental lines of hybrid rice by N-fertilizers.
3	Rate and timing of GA ₃ application in CMS seed production.
4	Hybrid rice seed production technology in farmers field.
5	Rate of nitrogen for hybrid rice production.
6	Seedling age for hybrid rice production.
7	Weed control by herbicides.
8	BRRRI hybrid dhan1, BRRRI dhan42 – 85, 88, 90-91, 93-95

16. Any other relevant activities/Information:

- Teaching – Have teaching experience at Rajshahi University as guest lecturer for 1 year.
- Resource person in training – Conducted many training for farmers, SAAO and Officers in regional station and worked as resource speaker in Training Division.
- Management of research station – Helped the Head of the regional station and plant breeding Division in different activities.
- Action plan preparation – Prepared work plan for varietal development program.
- Computer skill – Completed computer application course on MS Word, MS Excel, MS Power Point, Internet, MSSTAT, GENSTAT, SPSS, etc.
- Worked as member in different national and institutional committee like field evaluation committee of National Seed Board, different national celebration committee etc.
- Handling different project as principal investigator and Co-invetigator.
- Conducted different INGER trial as Cooperator.
- Experience on breeder seed and TLS production.
- Prepared many technical research reports.
- Conducted many radio talks at Bangladesh Betar.
- Assessed climatic factors for two line hybrid rice in Bangladesh.
- Participated in flood rehabilitation program by seedling raising and distribution to the farmers.
- Completed the Training Course on Motor Driving with driving license.
- Participated in different workshop.
- Participated in different field day.
- Attended in program area and interaction meeting.

18. Attended in ATC, DTC and District Coordination meeting.
19. Got BRRI award 2015 for outstanding contribution to rice research and development.

17. Field of Specialization:

Have specialization on molecular and conventional breeding, hybrid rice breeding, GMO and bio-fortification research. I lead field trials of Transgenic and Non-transgenic rice, Marker Assisted Backcrossing in Molecular Biology Laboratory and monitor research activities in transgenic greenhouse of BRRI. I am a leader of the research programs namely Golden Rice, Zinc Enriched Rice, Rainfed Lowland Rice, Drought Tolerant Rice and Premium Quality Rice. I attended in various International and National on-the-job training like ‘Marker Assisted Introgression of Drought Grain Yield QTLs in BR11’ and ‘Product profiling for rice varieties in Bangladesh’ in International Rice Research Institute (IRRI), Philippines. I have also specialization on Agronomy, Plant Physiology and Soil Science. I was Project Manager of Integrated Agricultural Productivity Project- BRRI Part (IAPP-BRRI). I am also a project leader of Golden Rice and HarvestPlus project.

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