

PDS (Personal Data Sheet)

1.	Name	:	DR. MD. HARUN OR RASHID
2.	Father's name	:	Md. Mahatub Uddin Mondal
3.	Mother's name	:	Most. Hasina Begum
4.	Husband's name	:	Not Applicable
5.	Gender	:	Male
6.	Present Address	:	Principal Scientific Officer Kenaf and Mesta Department Breeding Division Bangladesh Jute Research Institute Manik Mia Avenue, Dhaka-1207
7.	Permanent Address	:	Village: Dilalpur, Post Office: Radhanagar, Thana: Badarganj, District: Rangpur, Division: Rangpur
8.	Date of Birth	:	02 February 1975
9.	Age (as on 01-01-2023)	:	49 years 29 days

10. Educational Qualification			
Degree/Diploma/Certificate	Class/Grade/Division	University/Institute/Board	Year
S.S.C	1 st Division*	Rajshahi	1990
H.S.C	1 st Division	Rajshahi	1992
B.Sc. Ag.	1 st Class (29 th Position)	Bangladesh Agricultural University, Mymensingh	1996 (Held in 2000)
M. S. in Horticulture	1 st Class	Bangladesh Agricultural University, Mymensingh	2002
PhD in Crop Genetics and Breeding	Satisfactory	University of Chinese Academy of Agricultural Sciences, China	2017

Ph. D. Dissertation title: Genome Wide Quantitative Trait Loci (QTL) Mapping for Resistance to *Verticillium* Wilt, Fibre Quality and Yield Traits in Cotton Chromosome Segment Substitution Lines (CSSL).

11. Field of Specialization : Conventional Breeding and Molecular Breeding Techniques.

12. Training:

(a) In country:

List of Training Courses:

Sl. No.	Organization	Year	Duration		Name of Programme
			Mos	Days	
1	Agricultural and Environmental Technology Development Society (AEDTS), India	2020		3	International Web Conference “Perspective on Agricultural and Applied Sciences in COVID-19 Scenario (PAAS-2020)”.
2	Bangladesh Jute Research Institute, Dhaka-1207	2020		2	Public Procurement Procedures (Goods, Works and Services)
3	National Agriculture Training Academy (NATA), Gazipur	2019		5	Project Appraisal and Formulation of DPP
4	Bangladesh Jute Research Institute, Dhaka-1207	2019		2	Innovation in Public Service
5	Bangladesh Jute Research Institute, Dhaka-1207	2019		1	National Integrity Strategy
6	Bangladesh Jute Research Institute, Dhaka-1207	2019		1	Jute Textile Product Research and Development
7	Bangladesh Jute Research Institute, Dhaka-1207	2019		1	Jute Industrial Product Research and Development
8	Bangladesh Jute Research Institute, Dhaka-1207	2019		2	Modern Office management
9	Bangladesh Academy for Rural Development (BARD), Cumilla	2018		13	Administrative and Financial Management
10	Bangladesh Institute of Management	2018		5	Project Development and Management
11	Bangladesh Jute Research Institute, Dhaka-1207	2018		3	Administrative and Financial Management
12	Bangladesh Jute Research Institute, Dhaka-1207	2018		3	TOT for the dissemination of Agricultural Technologies of Jute
13	Bangladesh Jute Research Institute, Dhaka-1207	2018		3	Research Methodology
14	Bangladesh Jute Research Institute, Dhaka-1207	2018		3	Data analysis by Micro-computer
15	Bangladesh Jute Research Institute, Dhaka-1207	2018		3	Technical Report Writing and Editing Courses
16	National Agriculture Training Academy (NATA), Gazipur	2018		5	Modern Office Management
17	UBINIG and Plant Breeding and Genetics Society of Bangladesh	2014		3	Participatory Plant Breeding Training Workshop
18	Bangladesh Agricultural Research Council (BARC), Dhaka	2014		3	Use of Fertilizer Recommendation Guide-2012
19	Bangladesh Agricultural Research Institute (BARI), Gazipur	2012		6	On –Farm Research Methodology
20	Bangobondhu Shiekh Mujibur Rahman Agricultural University, Salna, Gazipur	2012		12	Training on Basic Plant Breeding for Agricultural Researchers

21	Bangladesh Agricultural Research Institute (BARI), Gazipur	2012		12	Application Software for Agricultural Research and Development for NARS Scientist
22	Bangladesh Jute Research Institute, Dhaka-1207	2012		6	Technical Report Writing and Editing Courses
23	Bangladesh Agricultural Research Council (BARC), Dhaka	2010		5	Econometric Analysis Through Different Computer Softwares
24	Bangladesh Computer council (BCC), Dhaka	2009		15	Introduction to Office application
25	Graduate Training Institute (GTI), BAU, Mymensingh-2202	2009		12	Training on Research Methodology
26	Bangladesh Jute Research Institute, Dhaka-1207	2008		2	Modern Jute & Kenaf Seed Production & Storage Technology
27	Bangladesh Agricultural Research Institute (BARI), Gazipur	2007		4	Conservation and Utilization of Plant Genetic Resources
28	Sher-E- Bangla Agricultural University, Dhaka	2007	3	-	Post Graduate Certificate Course on Seed Technology
29	Bangladesh Jute Research Institute, Dhaka-1207	2007		2	Modern Jute & Kenaf Seed Production & Storage Technology
30	Bangladesh Academy for Rural Development (BARD), Comilla	2006	4	-	Foundation Training Course for NARS Scientists (Batch-14)
31	Rural Development Academy (RDA), Bogra	2006		4	Attachment Programme with RDA for NARS Scientists
32	Bangladesh Road Transport Authority (BRTA), Gazipur	2006		21	Special Light Car Driving Training
33	Bangladesh Jute Research Institute, Dhaka	2005		5	Orientation Cum-Technology Transfer Training Workshop
34	National Academy for Education and Management (NAEM), Dhaka	2004		10	Training Course on Computer Application

(b) Abroad : N/A

13. Experiences:

Position	Period		
	Form	To	Total Yr/Mo/D
Scientific Officer (SO)	1 st November, 2004	29 th March, 2012	07 years 04 months 29 days
Senior Scientific Officer (SSO) (cc)	30 March, 2012	31 December, 2012	09 months 01 day
Biotechnologist	01 January, 2013	31 August, 2013	08 months
Senior Scientific Officer (SSO)(cc)	01 September 2013	31 August, 2014	11 months 30 days
Doctoral Study	01 September, 2014	31 January, 2018	03 Years 05 months 30 days
Senior Scientific Officer (SSO)	24 November, 2015	17 January, 2022	06 years 01 months 23 days
Principal Scientific Officer (PSO)	18 January, 2022	Till to date	01 year

14. Publication (SO to SSO): (Details in Annexure -01)

List of all publications, photocopies of Journal publications, photocopies of first page of other publications are to be attached.

Please see enclosure Paper- , Books- , Bulletins- , Workshop-

	Scientific Journals	No. of publication
	(i) Full paper	42
	(a) Paper Published in the Reputed International Journal	15
	Principal author	03
	Co-author	12
	(b) Other International & National Journal	27
	Principal author	03
	Co-author	24
	(ii) Short Communication	00
	Principal author	0
	Co-author	0
(b)	Books/Monographs/Bulletins	
	(i) Books	2
	Principal author	0
	Co-author	2
	(ii) Monographs	1
	Principal author	0
	Co-author	1
	(iii) Bulletins	5
	Principal author	0
	Co-author	5
(c)	Seminar/ Workshop/ Symposium/ Proceedings/ Popular article/ Abstract	9
	Principal author	0
	Co-author	9

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

(i) No. of technology developed : **05 (List enclosed, Annexure -02)**

(ii) No of Research Programme: : **(List enclosed, Annexure -03)**

(a) Developed : 73

(b) Supervised : 52

(c) Executed : 52

16. Outstanding achievement (SO to SSO) (List duly endorsed by the Head of Division and Director (Res)).

(Award received, supervision of M.S./Ph. D. thesis/ outstanding performance/Patent Registered)

A. Award (Scholarship)

- PhD fellowship Award for 42 months from Graduate School of Chinese Academy of Agricultural Sciences (GSCAAS), China (**Please see Annexure -04**).

Outstanding research contribution as SO and SSO:

- Involvement with the formal release activities of five outstanding varieties of Jute, Kenaf and Mesta (BJRI Kenaf 3, BJRI Vegetable Mesta 1, BJRI Deshi Pat Shak 2, BJRI Deshi Pat Shak 3 and BJRI Deshi Pat 10).
- Development of quick growing, high yielding and early maturing white jute breeding line (BJC-5002).
- Development of short day and low temperature tolerant, and high yielding white jute promising line (BJC-870).

B. Research activities from SO to SSO:

As SSO, Breeding Division- Planning execution of different breeding programs on Deshi Jute. Extension and demonstration of newly released varieties of deshi jute. Varietal maintenance and nucleus seed production. Monitoring of field research, analysis and report writing and presentation. Direct involvement with the development process, yield trials and field evaluation of outstanding deshi jute varieties namely BJRI Deshi Pat Shak 2, BJRI Deshi Pat Shak 3 and BJRI Deshi Pat 10. Dissemination and popularization of newly released variety at farmers field.

As SO, Breeding Division- Planning execution of different breeding programs on Kenaf and Mesta. Extension and demonstration of newly released varieties of Kenaf and Mesta. Varietal maintenance and nucleus seed production. Monitoring of field research, analysis and report writing and presentation. Direct involvement with the development process, yield trials and field evaluation of outstanding one Kenaf variety namely BJRI Kenaf 3 and one Mesta variety BJRI Vegetable Mesta 1 (VM-1).

C. Membership of professional societies

- Plant Breeding and Genetics Society of Bangladesh
- Seed Science Society of Bangladesh
- Plant Tissue Culture Society of Bangladesh
- Krishibid Institution of Bangladesh
- BJRI Scientist Society

D. Experienced with other outstanding achievements:

- Participated as a Trainer for the farmers on Jute and Allied fibre crop production.
- Participated as a Trainer in training program on jute, kenaf and mesta crop fibre and seed production technology for the farmers and field staff at different regional stations of BJRI, and Agriculture Officer (Upazilla and District level).
- Completed a research work and prepared a thesis at the time PhD in Crop Genetics and Breeding.
- Formulation and development of departmental research policies, programs and projects for sustainable jute, kenaf and mesta research development.
- Implementation of research programs and projects in the field and in the laboratory.
- Data collection, compilation, analysis, report writing and dissemination of information.
- Participate in planning and organizing technical meetings, workshops and training sessions, preparing research papers, working papers and technical events on research and development issues.
- Coordinate with other departments and institutions at national and international levels for exchange of views and ideas for strengthening research programmes.
- Conducted Radio talk about jute, kenaf and mesta crop production technologies and jute goods.
- Working as a team member of Research Pool of Agricultural Wing of Bangladesh Jute Research Institute, Manik Mia Avenue, Dhaka-1207.
- Working as a team member of development of high yielding, hybrid and stress tolerant varieties in Bangladesh Jute Research Institute, Manik Mia Avenue, Dhaka.

Annexure-01

List of Publications

Total Scientific Papers-42

i) As a Principal author-06

ii) As a co author-36

I. Full scientific paper as the principal author-06 (Six)	
(a) Full scientific paper as the principal author published in International Journal: 03 (Three)	
1.	M. H. Rashid , P. T. Li, T. Chen, Palanga K, W. Gong, Q. Ge, J. Gong, A. Liu, Q. Lu, L. Diouf, Z. Sarfaraz, M. Jamshed, Y. Shi and Y. Yuan. 2021 . Genome-wide quantitative trait loci mapping on <i>Verticillium</i> wilt resistance in 300 chromosome segment substitution lines from <i>Gossypium hirsutum</i> × <i>Gossypium barbadense</i> . <i>G3: Genes, Genomes, Genetics</i> , 11(5): 1-14. doi: 10.1093/g3journal/jkab027.
2.	M. H. Rashid , P. T. Li, T. Chen, Q. Lu, Q. Ge, W. Gong, A. Liu, J. Gong, H. Shang, X. Deng, J. Li, S. Li, X. Xiao, R. Liu, Q. Zhang, L. Duan, X. Zou, Z. Zhang, X. Jiang, Y. Zhang, R. Peng, Y. Shi and Y. Yuan. 2019 . Transcriptomic and biochemical analysis of upland cotton (<i>Gossypium hirsutum</i>) and a chromosome segment substitution line from <i>G. hirsutum</i> × <i>G. barbadense</i> in response to <i>Verticillium dahliae</i> infection. <i>BMC Plant Biology</i> , 19:19, https://doi.org/10.1186/s12870-018-1619-4 .
3.	M. H. Rashid , Palanga KK, Jamshed M, Gong J, Li J, Iqbal MS, Liu A, Shang H, Shi Y, Chen T, Ge Q, Zhang Z, Dilnur T, Li W, Li P, Gong W and Yuan Y. 2017 . Quantitative Trait Locus Mapping for <i>Verticillium wilt</i> Resistance in an Upland Cotton Recombinant Inbred Line Using SNP-Based High Density Genetic Map. <i>Front. Plant Sci.</i> 8:382. doi: 10.3389/fpls.2017.00382.
(b) Full scientific paper as the principal author published in National Journal: 03 (Three)	
4.	M. H. Rashid , S. S. U. Ahmed, M. M. Mukul, S. A. Jui and S. Alam. 2019 . Production potential in true potato seed (TPS)-garlic intercropping system. <i>J. Bangladesh Soc. Agric. Sci. Technol.</i> , 16 (1- 4):71-76.
5.	M. H. Rashid , M. R. Islam, K. Hasan Prodhan, Q.A. Rahman and Izaz Ahmed. 2011 . Study of identification, evaluation and development of parental materials of Mesta variety. (<i>Hibiscus sabdariffa</i> L.). <i>Int. J. Sustain. Agril. Tech.</i> , 7 (10): 19-24.
6.	M. H. Rashid , K. M. Nasiruddin, R. Begum, S. Sarker and M. A. A. Bhuiya. 2002 . Profitability and disease infestation of potato raised from TPS (True Potato Seeds) intercropping with garlic. <i>Progress. Agric.</i> 13 (1& 2) : 29-33.

II. Full scientific paper as co- author-36 (Thirty six)	
(a) Full scientific paper as co- author published in International Journal: 12 (Twelve)	
7.	Jui S A, Mukul M M, Rashid M H O , Nur I J, Ghosh R K, Mostofa M G, Akter N, Sultan M T. 2021 Responses and screening of white jute (<i>Corchorus capsularis</i> L.) genotypes against salinity stresses. <i>Plant Science Today</i> . 8(2):416–424. https://doi.org/10.14719/pst.2021.8.2.1083
8.	M. M. Mia, N. Akter, M. G. Mostofa, SSU Ahmed, I. J. Nur, M. A. Mamun, M. H. Rashid . 2020 . Analyses of Genetic Variability, Character Association, Heritability and Genetic Advance of Tossa Jute (<i>Corchorus olitorius</i>) Genotypes for Morphology & Stem Anatomy. <i>American Journal of BioScience</i> . Vol. 8, No. 4, pp. 99-112. doi: 10.11648.ajbio.20200804.12.
9.	Mostofa, M.G., Rahman, L., Yahiya, A.S.M., Rashid, M.H. , & Mukul Mia, M. 2020 . RAPD Analysis of Genetic Diversity and Relationships among Kenaf (<i>Hibiscus cannabinus</i> L.) Germplasm, <i>Ind. J. Pure App. Biosci.</i> 8(3), 37-47. doi: http://dx.doi.org/10.18782/2582-2845.8096 .
10.	Lu, Q., H. Shang, Y. Shi, J. Li, R. Peng, X. Xiao, Q. Ge, P. T. Li, W. Song, J. Huang, Z. Zhang, A. Liu, M. H. Rashid and Y. Yuan. 2017 . Transcriptome Analysis Suggests That Chromosome Introgression Fragments from Sea Island Cotton (<i>Gossypium barbadense</i>) Increase Fiber Strength in Upland Cotton (<i>Gossypium hirsutum</i>). <i>Genes Genomes Genetics</i> , 7(10): 3469-3479.
11.	Li, L. P., M. Wang, Q. Lu, Q. Ge, M. H. Rashid , A. Liu, J. Gong, H. Shang, W. Gong, J. Li, W. Song, L. Guo, W. Su, S. Li, X. Guo, Y. Shi and Y. Yuan. 2017 . Comparative transcriptome analysis of cotton fiber development of Upland cotton (<i>Gossypium hirsutum</i>) and Chromosome Segment Substitution Lines from <i>G. hirsutum</i> × <i>G. barbadense</i> . <i>BMC Genomics</i> , 18:705.
12.	Zhang, Z., Q. Ge, A. Liu, J. Li, J. Gong, H. Shang, Y. Shi, T. Chen, Y. Wang, K. K. Palanga, J. Muhammad, X. Deng, Y. Tan, R. Liu, X. Zou, H. Rashid , M. S. Iqbal, W. Gong, and Y. Yuan. 2017 . Construction of a High-density Genetic Map and Its Application to QTL Identification for Fiber Strength in Upland Cotton (<i>Gossypium hirsutum</i>). <i>Crop Science</i> , 57:744-788.
13.	Diouf, L., Z. Pan, S. He, W. Gong, Y. H. Jia, R. O. Magwanga, K. R. E. Romy, H. Rashid , J. N. Kirungu and X. Du. 2017 . High-Density Linkage Map Construction And Mapping of Salt Tolerant Qtls at Seedling Stage in Upland Cotton Using Genotyping by Sequencing (GBS). <i>Int. J. Mol. Sci.</i> 18, 2622; doi:10.3390/ijms18122622.
14.	Jamshed, M., Jia, F., Gong J., Palanga, K.K, Shi, Y., Li, Shang, H., Liu, A., Chen, T., Zhang, Z., Cai, J., Ge, Q., Liu, Z., Lu, Q., Deng, X., Tan, Y., Rashid, H. , Sarfraz, Z., Hassan, M., Gong, W. and Yuan Y. 2016 . Identification of stable quantitative trait loci (QTLs) for fiber quality traits across multiple environments in <i>Gossypium hirsutum</i> recombinant inbred line population <i>BMC Genomics</i> , 17(1):1-13.
15.	Zhang, Z., H. Shang; Y. Shi; L. Huang; J. Li; Q. Ge; J. Gong; A. Liu; T. Chen; D. Wang; Y. Wang; P. K. Koffi; M. Jamshed; W. Li; Q. Lu; X. Deng; Y. Tan; W. Song; J. Cai; P. T. Li; H. Rashid ; W. Gong; Y. Yuan. 2016 . Construction of a high-density genetic map by specific length amplified fragment sequencing (SLAF-seq) and its application to quantitative trait loci (QTL) analysis for boll weight in upland cotton (<i>Gossypium hirsutum</i> .) <i>BMC Plant Biology</i> , 16:79 DOI: 10.1186/s12870-016-0741-4.
16.	M.R. Islam, H.A. Begum, M.M. Rahman, M. Hossain, AKMS Hossain, M. H. Rashid and M.I. Talukder. 2008 . Identification and development of superior genotypes of vegetable mesta (<i>Hibiscus sabdariffa</i> L.) in Bangladesh. <i>Intl. J. Biol. Biotech.</i> , 5(1-2): 61-64.

17.	Rahima Khatun, M.A. Hossain, M. H. Rashid , M. S. H. Bhuiyan and M. Al-Mamun. 2007 . Correlation and Regression between fibre yield and other plant characters in tossa jute. Int. J. Biol. Biotech., 4(4): 399-401.
18.	R. Khatun, M. A. Hossain, M. H. Rashid , M. A. Mamun and M.S.H. Bhuiyan. 2007 . Effect of yield component and Genotype-Environment interaction in Kenaf. Int. J. Biol. Biotech., 4(3): 397.
(b) Full scientific paper as co- author published in National Journal: 24 (Twenty four)	
19.	M. B. Hossain, Z. A. Rafiq, M. Y. Ali, M. N. Uddin, and M. H. Rashid . 2020 . Roductivity of <i>tossa</i> jute seed as influenced by different Planting methods and spacing under puddle condition at Planting period. Bangladesh J. Environ. Sci., Vol. 39, 21-24.
20.	R. K. Ghosh, M. A. Hossain, M. H. Rashid , S. A. Jui and M. M. Mia. 2019 . Evaluation of Phenotypic variability and relationships in tossa jute using morpho-agronomic traits and multivariate analysis. <i>J. Bangladesh Soc. Agric. Sci. Technol.</i> , 16(1- 4):53- 60.
21.	Ghosh, R.K., M. Hossain, M. H. Rashid , S. A. Jui and N. Akter. 2018 . Evaluation of yield, adaptability and quality of an advanced breeding line BJC-5003 of white jute at different regions of Bangladesh. <i>J. Bangladesh Soc. Agric. Sci. Technol.</i> , 15(1-4): 121-125.
22.	M. S. Hasan, M. H. Rashid , Q. A. Rahman and M. H. Al- Mamun. 2013 . Influence of seed rates and levels of NPK fertilizers on dry matter accumulations and yield performance of Foxtail Millet (<i>Setaria italic</i> L. Beauv.). <i>Bangladesh J. Agril. Res.</i> 38(4): 689-704.
23.	Md. Rafiqul Islam, M. H. Rashid , E. R. Choudhury, K. Hasan Proadhan and Q. A. Rahman. Identification, evaluation and development of parental materials and improvement of Kenaf variety. 2011 . <i>Int. J. Sustain. Agril. Tech.</i> 7 (10): 09-14.
24.	M.R. Islam, H.A. Begum, R. Khatun, M. Rahman, M. H. Rashid and M. A. Hossain. 2010 . Effect of time of sowing on seed yield and yield contributing characters of Kenaf (<i>Hibiscus cannabinus</i> L.). <i>Int. J. BioRes.</i> 9 (4) : 24-27.
25.	M.R. Islam, H.A. Begum, M. Rahman, AKMS Hossain, M.H. Rashid and B. Hossain. 2009 . Genetic variability of some selected genotypes of Kenaf (<i>Hibiscus cannabinus</i> L.). <i>Int. J. BioRes.</i> 7 (6) : 17-21.
26.	M. M. Islam, M. S. Alam, M. H. Rashid and M. N. Uddin. 2009 . Evaluation of some synthetic insecticides and botanicals in controlling Okra Jassid (<i>Amrasca devastans</i>). <i>J. Sci. Technol.</i> 7: 1-6.
27.	M. Afruza Begum, B. Ahmed, M. S. H. Khan, Bilkis Begum and M. H. Rashid . 2009 . Effect of time of sowing and nitrogen on yield of French Bean. <i>Int. J. Sustain. Agril. Tech.</i> 5 (8): 11-17.
28.	M. Rafiqul Islam, H. A. Begum, M. H. Rashid , Izaz Ahmed and M. B. Hossain, M.S. Hasan and M. Z. Hossain. 2009 . Varietal development of early maturing Kenaf (<i>Hibiscus cannabinus</i> L.). <i>Int. J. BioRes.</i> 7 (2): 65-69.
29.	M. M. Ali, M. H. Rashid , R. K. Ghosh, S. Akter and Md. Mahabub Ali. 2009 . Women's contribution on homestead Agroforestry production activities: A case study at Bogra district. <i>Int. J. Sustain. Agril. Tech.</i> 5 (5): 100-106.
30.	Md. Rafiqul Islam, Hosne Ara Begum, Harun-or-Rashid , Izaz Ahmed and Zakir Hossain. 2009 . Performance of variability study of newly developed Kenaf (<i>Hibiscus cannabinus</i> L.) variety. <i>J. Subtrop. Agric. Res. Deve.</i> 5(2): 1-7, Issue-3.
31.	M. A. Alam, F. Nur, H. Q. M. Mossaddeque, M. L Rahman and M. H. Rashid . 2008 . Farmers Characteristics associated with the participation in cottage industry activities of BAUEC. <i>J. inno. Dev. Strategy.</i> 2 (3): 36-41.
32.	M. M. Ali, R. K. Ghosh, M. H. Rashid , A.K.M.S.Hossain and S. Akter. 2008 . Women's participation on homestead Agroforestry production activities: A case study at Bogra district. <i>Int. J. Sustain. Agril. Tech.</i> 4 (6): 14-19.

33.	M. M. Ali, S. M. Ahmed, M. H. Rashid , M. A. Mamun and B. Uddin. 2008 . Functional Properties of Faba Bean (<i>Vicia faba</i> L.). Int. J. Sustain. Agril. Tech. 4 (5): 05-09.
34.	M. Ali, M. Saheb Ali, N. Pervin, Ayesha Khatton and M. H. Rashid . 2008 . Evaluation of management practices of jute cultivation at Comilla district in Bangladesh. Int. J. Sustain. Agril. Tech. 4(5):79-81.
35.	M. Ali, M. Saheb Ali, A. K. Mollah, M. H. Rashid and G.K. M.N. Haque. 2008 . Study on yield loss of rice due to insect infestation. Int. J. Sustain. Agril. Tech. 4 (5): 65-68.
36.	N. Islam, M. Saheb Ali, M. Ali, M. H. Rashid and A. F. Mollah. 2008 . Impact of time of sowing on jute seed quality in late season on the variety OM-1. Int. J. Sustain. Agril. Tech., 4 (3): 1-4.
37.	M. Saheb Ali, M. M. R. Shah, M. H. Rashid and N. Islam. 2008 . Analysis of insect infestation on rice. Int. J. Sustain. Agril. Tech. 4(3): 29-31.
38.	B. Uddin, M. A. I., Khan, S. M. Ahmed, M. H. Rashid and S. M. A. Haque. 2008 . Effect of variety and age of seeding on yield attributes of rice. Int. J. Sustain. Agril. Tech., 4 (3):14-19.
39.	Ali, Mahabub, S. M. A. Haque, S. M. Ahmed, B. Ahmed and M. H. Rashid . 2008 . Biochemical composition and cooking quality of faba bean (<i>Vicia faba</i> L.). Int. J. Sustain. Agril. Tech., 4 (2): 65-70.
40.	Haque, S. M. A., M. Saheb Ali, Izaz Ahmed and M. H. Rashid . 2007 . Effect of moisture on germination and pathogen contamination in different containers for storability of jute seed. Int. J. Sustain. Agril. Tech., 3 (4):19-23.
41.	Haque, S. M. A., H. Q.M. Mosaddeque, M. Saheb Ali, M. H. Rashid and M. S. Polan. 2007 . Association of seed borne fungi with T. Aman seed in relation to variety and farmers' seed processing activities. Int. J. Sustain. Agril. Tech., 3 (2): 7-10.
42.	Islam, M. K., S. M. A. Islam, M. H. Rashid , A. F. M. G. F. Hossain and M. M. Alom. 2006 . Effect of Biofertilizer and Plant Growth Regulators on Growth of Summer Mungbean. Intl. J. Bot. 2 (1): 36-41.

➤ **List of Books:**

Book (2)

Principal author (0):

Co-author (2):

1. ড. সালেহ মোহাম্মদ আশরাফুল হক, ড. মোঃ হারুন-অর-রশিদ, ড. মোঃ বাবুল হোসেন ও ড. মোঃ সামিউল হক।
২০২১। পাট ও পাট জাতীয় ফসলের আর্শ উৎপাদন কলাকৌশল বিষয়ক প্রশিক্ষণ সহায়িকা, বাংলাদেশ পাট গবেষণা ইনস্টিটিউট, মানিক মিয়া এভিনিউ, ঢাকা-১২০৭.
2. Islam Rafiqul, Dr.Abu Bakar Siddique, M, Islam, **M. H. Rashid** and Begum HA.
2006. Sonali Ansh, Bangladesh Jute Research Institute. Manik Mia Avenue, Dhaka-1207.

➤ **List of Monographs:**

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➤ **List of Bulletins:**

১। লিফলেট বিজেআরআই কেনাফ-৩ (বট কেনাফ)

২। লিফলেট বিজেআরআই ভেজিটেবল মেস্তা-১ (ভিএম-১)

৩। লিফলেট বিজেআরআই দেশী পাট শাক ২

৪। লিফলেট বিজেআরআই দেশী পাট শাক ৩

৫। লিফলেট বিজেআরআই দেশী পাট-১০ এবং

৬। লিফলেট বিজেআরআই কেনাফ ৫

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5. **Md. Harun or Rashid. 2018.** Genome wide QTL mapping for resistance to *Verticillium* wilt, fiber quality and yield trials in cotton chromosome segment substitution lines.

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6. N. Akter, M. G. Mostofa, **M. H. Rashid** et al. Internal Research Review Workshop on Research Progress **2019-20** and Research Program 2020-21. Conference Room, Bangladesh Jute Research Institute. Manik Mia Avenue, Dhaka-1207.
7. N. Akter, M. G. Mostofa, **M. H. Rashid** et al. Mid-Term Internal Review Workshop on Research Progress **2020**. Conference Room, Bangladesh Jute Research Institute. Manik Mia Avenue, Dhaka-1207.
8. N. Akter, M. G. Mostofa, R. K. Ghosh, **M. H. Rashid** et al. Annual Review Workshop on Research Progress **2018-19** and Research Program 2019-20. Conference Room, Bangladesh Jute Research Institute. Manik Mia Avenue, Dhaka-1207.
9. N. Akter, M. G. Mostofa, R. K. Ghosh, **M. H. Rashid** et al. Annual Review Workshop on Research Progress **2017-18** and Research Program 2018-19. Conference Room, Bangladesh Jute Research Institute. Manik Mia Avenue, Dhaka-1207.

Annexure -02

Participation in Technology Development and Transfer Activities:

Sl. No.	Name of Technology	Year of release	Related Scientists	Present status of adoption
1.	BJRI Kenaf 3 (Bot kenaf) (High yielding and high biomass containing Kenaf variety)	2010	M. R. Islam, R. Khatun, H. A. Begum, S. Begum and M. Harun-or Rashid	Highly accepted and praised by the farmers
2.	BJRI Vegetable Mesta 1(VM 1) (High yielding vegetable Mesta having more calyx)	2010	M. R. Islam, R. Khatun, H. A. Begum, S. Begum and M. Harun-or Rashid	Popularized among the farmers/users
3.	BJRI Deshi Pat Shak 2 (High yielding sweet type vegetable white jute having red stem)	2020	N. Akter, M. G. Mostofa, A. F. Molla, R. K. Ghose and M. Harun-or-Rashid	Highly praised by the farmers
4.	BJRI Deshi Pat Shak 3 (High yielding sweet type vegetable white jute having full green stem)	2020	N. Akter, M. G. Mostofa, A. F. Molla, R. K. Ghose and M. Harun-or-Rashid	Popularized among the consumers
5.	BJRI Deshi Pat 10 (Leaflet under process, Newly released saline tolerant variety)	2021	N. Akter, M. G. Mostofa, R. K. Ghose, M. A. Hossain and M. Harun-or-Rashid	Popularized among the farmers/users
6.	BJRI Kenaf 5 (High yielding and disease tolerant Kenaf variety)	2022	M. G. Mostofa, M. Harun-or-Rashid , S. Biswas and I. J. Nur	On the way of dissemination to the farmers.

Annexure -04

(List of Outstanding Achievements)

Sl. No.	Achievements	Year
01	PhD fellowship Award for 42 months from Graduate School of Chinese Academy of Agricultural Sciences (GSCAAS), China.	2014
02	Participated as a Trainer for the farmers on Jute production.	2005-2018
03	Participated as a Trainer in training program on jute Fibre and Seed production technology for the farmers at different regional stations of BJRI.	2005-2018
04	Worked as a team member of Research Pool of Agricultural Wing of Bangladesh Jute Research Institute, Manik Mia Avenue, Dhaka-1207.	2020
05	Worked as a team member of development of high yielding, hybrid and stress tolerant varieties in Bangladesh Jute Research Institute, Manik Mia Avenue, Dhaka-1207.	2020



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