1	Name	:	**MD. KAMRUJJAMAN**
2	Father's name	:	Md. Abul Hashem
3	Mother's name	:	Mst. Monowara Begum
4	Husband's name	:	Not applicable
5	Gender	:	Male
6	Designation	:	Senior Scientific Officer
7	Institution	:	Bangladesh Jute Research Institute
8	Date of joining in the present position	:	13th August, 2020
9	Date of first joining in service	:	1st November 2004
10	Date of birth and age	:	21 October, 1975 and age 48 years 01 days (up to 01 Oct 2023)

11. Educational Qualification

Please see enclosure 1-6

Degree/Diploma/ Certificate	**Class/Grade/ Division**	**University/Institute/Board**	**Year**
S.S.C.	First Division	Jessore Board	1990
H.S.C.	First Division	Jessore Board	1992
B. Sc. Ag.	Second Class	Bangladesh Agricultural University, Mymensingh.	1999 (Held in 2002)
MS (Biotechnology)	Grade 'B'	Bangladesh Agricultural University, Mymensingh.	2008
Ph.D	On going	Bangladesh Agricultural University, Mymensingh	-

12. Field of Specialization: Biotechnology

13. Training: **Please see enclosure 7-17**

(a) In Country:

Organization	**Year**	**Duration**		**Name of programme**
		Mos.	**Days**	
Bangladesh Jute Research Institute	2018		3	Development Communication in Agriculture
Bangladesh Jute Research Institute	2017		2	Innovation in Public Service
Bangladesh Agricultural Research Institute	2012		3	Use and Maintenance of Modern Lab Equipments for NARS Scientists
Bangladesh Jute Research Institute	2012		4	Technical Report Writing and Editing Course
Bangladesh Computer Council	2009		18	Introduction of Office Application
Graduate Training Institute, BAU, Mymensingh.	2009		13	Research Methodology
BJRI, Jagir, Manikganj	2008		2	Modern Jute and Kenaf Seed Production and Storage Technology
BARD, Kotbari, Comilla.	2005	4	0	Foundation Training Course for NARS Scientists (Batch-12)
RDA, Bogra	2005		7	Rural Development and Poverty Alleviation (attachment Prog. Of Foundation Training)

(b) Abroad:

Country	Year	Duration		Name of programme
		Mos.	Days	
Thailand	2010	1	15	Marker Assisted Selection
Thailand	2010		23	Advanced Plant Molecular Biotechnology

14. Experience: About 15 years 08 months research experience.

Please see enclosure 18 - 20

Position	Period		
	From	To	Total Yr./Mo
SO	01-11-2004	28-03-2012	7 years 4 months 28 days
SSO (c.c.)	29-03-2012	29-06-2015	3 years 3 months 1 day
SSO	30-06-2015	12-08- 2020	5 years 2 month 12 day
PSO	13-08- 2020	Till Now	3 years 2 month 20 day

15. Publication:

List of all publications are given in **Annexure-1**. **Please see enclosure 21-53** (Photocopies of first page of journal publications are attached here with).

(a)	Scientific journals	No. of publication
	(i) Full paper (a) Paper Revised Reported International Journal Principal author Co-author (b) Other International & National Journal Principal Author Co-author	**33** Nil Nil **03** **30**
	(ii) Short Communication Principal Author Co-author	Nil
(b)	Books/Monographs/Bulletins	
	(i) Books Principal Author Co-author	Nil
	(ii) Monographs Principal Author Co-author	Nil
	(iii) Bulletins Principal Author Co-author	Nil
(c)	Seminar/Workshop/Symposium Proceedings	
	(i) International Principal Author Co-author	Nil
	(ii) National Principal Author	Nil

	Co-author	

16. Research achievements (as PSO/SSO/SO) list duly endorsed by the Head of Division and Director (Agriculture) .

(i) No. of technology Developed: 02 (List enclosed. **Annexure 2**)

(ii) No. of Research Programme: ----- 11 (List enclosed. **Annexure 3**)

(a) Developed: ----- 11

(b) Supervised: ----- 11

(c) Executed: ----- 11

17. Outstanding achievement "Duly endorsed by the Head of the Division and Director (Res.). (Award received, Supervision of MS/Ph.D thesis, outstanding performance.) :

Please see **Annexure 4**

Signature of Applicant :

Address:

(Md. Kamrujjaman)
Principal Scientific Officer (PSO)
Jute Research Regional Station,
Faridpur
Bangladesh Jute Research Institute

Annexure 1

LIST OF SCIENTIFIC PUBLICATIONS: **Please see Enclosure 21-53**

Full scientific paper as principal author: 03

Full scientific paper as co author: 30

1. **M. Kamrujjaman**, A. Halim, M. S. Ferdous, M. S. H. Bhuiyan and A.S.M. Yahiya. 2009. Effect of Growth Regulators on the Root and Shoot Formation of Some Selected Genotypes of Jute. Int. J. Sustain. Agril. Tech. 5(9): 31-35.

2. . **M. Kamrujjaman**, A. Miah, M. younus Ali, S. M. Shahriar Parvej and Muhammad Tanvir Rahman. 2020. Evaluation of Selected Kenaf (*Hibiscus Cannabinus* l.) Germplasms Using Agro-Morphological Traits. Int. J. Sustain. Agril. Tech. 16(4): 21-24.

3. **M. Kamrujjaman**, A. Miah, M. younus Ali, S. M. Shahriar Parvej and Muhammad Tanvir Rahman. 2020. Breeding Practices for Combining Yield and Yield Contributing Traits in White Jute (*Corchorus Capsularis* l.) Genotypes . Int. J. Sustain. Agril. Tech. 16(6):06-09.

4. A. Miah. M.S.Rahman, **M. Kamrujjaman**, M. Al Mamun and S. M. A. Haque. 2015. Effect of Plant Population on Deshi Jute For QualitySeed Production. Int. J. Sustain Agril. Tech. 11(12): 17-19.

5. S. M. A. Haque, M. S .Rahman, A. Miah, M. Shahadat Hossain and **M. Kamrujjaman**. 2015. Status of Quality and Health of O -9897 Jute Variety in Bangladesh. Int. J. Sustain. Agril. Tech. 11(12): 20-25.

6. M. S. Rahman, A. Miah, S.C. Sarkar and **M. Kamrujjaman**. 2015. Evaluation of Management Practices of Jute Cultivation. Int. J. Sustain. Agril. Tech. 11 (12): 26-28.

7. M. S. Rahman, A. Miah, S. C. Sarkar and **M. Kamrujjaman**. 2015. Effect of Time of Sowing on Jute Seed Quality in Late Season. Int. J. Sustain. Agril. Tech. 1(1): 20-22.

8. S. Ahmmed, **M. Kamrujjaman**, M. S. Rahman, M.T. Rahman and S. M. A. Haque. 2015. Effect of Different Seed Treating Materials In Controlling Jute Disease.Int. J. Sustain. Agril. Tech. 11(11): 07-09.

9. M. A. F. Mollah, M. M. Islam, M. S. Rahman, **M. Kamrujjaman** and S. M.A. Haque 2015. Quality of Kenaf Seed as Infuenced by Planting Date and Method. . Int. J. Sustain. Agril. Tech. 11(11): 10-14.

10. M. Shahadat Hossain, M. Mahbubul Islam, M. S. Rahman, M. L. Rahman and **M. Kamrujjaman**. 2015. Seed yield attributes and yield of BJRI tossa pat-5 as influenced by sowing date at late season in different locations of Bangladesh. International Journal of Sustainable Agricultural Technology. 11(9): 1-5.

11. A. S. M. Yahiya, A. Miah, M. M. Rahman, M. M. Islam and **M. Kamrujjaman**, 2009. Genetic Transformation in Tossa Jute through Agrobacterium Vectors. Int. J. Sustain. Agril. Tech. 5(8): 01-06.

12. M. S. H. Bhuiyan, Izaz Ahmed, **M. Kamrujjaman**, M. Younus Ali and A. Miah, 2009. Effect of Moisture and Container on Germination Storability of Ridge Gourd Seed. Int. J. Sustain. Agril. Tech. 5(7): 1-5.

13. M. S. Ferdous, M A Samad, M H Kabir, **M. Kamrujjaman** and N. Pervin, 2009. In-Vitro Plant Regeneration Via Callus Induction of Basmati Rice. Bangladesh J. Agriculturist. 2(1): 53-56, 2009.

14. Firoza Akter, M. A. Taher, **M Kamrujjaman**, H. Q. M. Mosaddeque, M. Mozammel Hoq, 2009. Change of pH During Retting of Jute and Allied Fibre Plants. Eco-Friendly Agril. J. 2(12): 1006-1007.

15. M. A. A. Chowdhury, M. A. Hashem, M. A. A. Mamun, M. I. Talukder, **M. Kamrujjaman** and M. A. Haque, 2009. Effect of Reduced Rate of P,S and Zn on Yield Contributing Characters of BRRI dhan30. Eco-Friendly Agril. J. 2(2): 396-400.

16. A. Halim, **M. Kamrujjaman**, M. Shahadat Hossain, Mobarak Hossen and M. M. Islam Talukder, 2009. Factors Affecting Jute Retting and Fibre Quality. Bangladesh J. Prog. Sci. & Tech. 7(1): 165-168.

17. M. S. Ferdous, M. A. Samad, M. S. Haque, S. A. Mony, **M. Kamrujjaman** and M. S. Islam, 2008. Effects of Growth Regulators on Callus Formation and Subsequent Plantlet Regeneration From Mature Embryo of Aromatic Rice Cultivars. Intl. J Bio Res. 5(2): 11-16.

18. M. N. Islam, **M. Kamrujjaman**, S. M. Moniruzzaman, Q. A. Rahman and M. R. Islam. 2011.Vegetables Production By Woman Members In Homestead Area Under World Vision Project at Matlab Upazila. Int. J. Sustain. Agril. Tech. 7(1): 36-41.

19. A. K. M. S. Hossain, **M. Kamrujjaman**, M. Z. Ullah, Umme Habiba and M.S.Islam. 2011. Inter-Relationship and Cause Effect Analysis Among Anatomical Traits in Wild Corchorus Species. Bangladesh J. Seed Sci. & Tech. 15(1&2): 117-123.

20. M. Y. Ali, M. S. Hasan, Sayeeduzzamzn, M. H. Khalid and **M. Kamrujjaman.**2012. Performances of Different Aged Saplings On The Development Of Two Albizia Species Under Different Agroforestry Conditions. Bangladesh Research Publication Journal, Volume:7, Issue:4, Page: 312-323.

21. M. Shahadat Hossain, M. Mahbubul Islam, M. S. Rahman, M. L. Rahman and **M. Kamrujjaman**. 2015.Seed Yield Attributes and Yield of BJRI Tossa Pat 5 as Influenced by Sowing Date at Late Season in Different Locations of Bangladesh. Int. J. Sustain. Agril. Tech. 11(9): 01-05.

22. M. S. Rahman, A. Miah, S.C. Sarkar and **M. Kamrujjaman.** 2015. Evaluation of Management Practices of Jute Cultivation. Int. J. Sustain. Agril. Tech. 11(12): 26-28.

23 S.M. A. Haque, **M. Kamrujjaman,** M. Shahadat hossain, MD. Tanvir Rahman and Jannatul Ferdous.2020. Efficacy of BAU-Biofungicide, Provax-200 on Mortality, Viability, Seed Quality and Yield Following Top Cutting Method in Jute Variety O-9897. . Int. J. Sustain. Agril. Tech. 11(12): 26-28. Int. J. Sustain. Agril. Tech. 16(2): 06-10 .

24. S.M. A. Haque, **Md. Kamrujjaman**, Fakhar Uddin Talukder, Jannatul Ferdush, and Md. Tanvir Rahman. 2020. BCR For Seed and Fibre Production with Seed and Cutting Treatments at Different Sowing Methods at JAES and KRS, BJRI IN CVL-1 variety. Int. J. Sustain. Agril. Tech. 16(3): 21-26.

25. S. M. A. Haque, **Md. Kamrujjaman**, Md. Tanvir Rahman, Md. Meftahul Karim and S.M. Shahriar Parvej. 2O2O. Comparative Performance of Different Olitorius Varieties of BJRI for Determining Disease Incidence, Seed Quality, Seed Yield and Fibre Yield Following Line Sowing Method in the Field .Int. J. Sustain. Agril. Tech. 16(4): 17-20.

26. S. M. A. Haque, S. M. Shahriar Parvej, Jannatul Ferdous, Md. Tanvir Rahmanand **M. Kamrujjaman.** 2020. Effect Among the Locations and Different Types of Containers Used for Storing Seeds in CVL-1 on Disease Incidence, Seed Quality, Seed Yield, Stick Yield and Fibre Yield Following Line Sowing Method in the Field. Int. J. Sustain. Agril. Tech. 16(4): 25-29.

27. S. M. A. Haque, Md. Kamrujjaman, M. Shahadat Hossain, Jannatul Ferdous and Md. Tanvir Rahman. 2020. Disease Incidence, Seed Quality and Yield of Jute Variety CVL-1 Affected by Seeds Stored in Different Types of Containers. Int. J. Sustain. Agril. Tech. 16(5): 08-13.

28. M. Shahadat Hossain, Jannatul Ferdous, **M. Kamrujjaman**, M. Abdul Alim and M. Mahbubul Islam. 2020. Fibre Yield, Yield Attributes and Economics of Tossa Jute (*Corchorus olitorius*) as Affected by Different Weedicides . Int. J. Sustain. Agril. Tech. 16(5): 14-19.

29. A. K. M. S. Hossain, A. Miah, **M. Kamrujjaman**, S. M. S. parvej and A. Iqbal. 2020. Evaluation of Selected Deshi Jute (*Corchorus Capsularis* l.) Germplasms Using Morpho-Agronomic Traits. Bangladesh J. Environ. Sci., Vol. 38, 74-77.

30. S. M. A. Haque, **M. Kamrujjaman**, Md. Tanvir Rahman , Fakhar Uddin Talukder and Jannatul Ferdous and. 2020. Interaction Effect Among the Disease Managements, Seed Treatments and Locations in Cvl-1 Variety on Disease Incidence, Seed Yield, Stick Yield and Fibre Yield Following Line Sowing Method in the Field. Int. J. Sustain. Agril. Tech. 16(5): 20-26.

31. S. M. A. Haque, **Md. Kamrujjaman**, S. M. Shahriar Parvej Md. Tanvir Rahman and M. Shahadat Hossain. 2020. Evaluation of some newly assayed spraying fungicides against seed borne fungal pathogens of jute. Int. J. Sustain. Agril. Tech. 16(6): 01-05.

32. A. K. M. Shahadat Hossain, A. Miah, **M. Kamrujjaman**, M. Younus Ali and S. M. Shahriar Parvej. 2020. Genetic Stability of Selected Tossa Jute *(Corchorus Olitorius* l.) Germplasms Using Agro-Morphological Traits. Int. J. Sustain. Agril. Tech. 16(6): 10-12.

33. S. M. A. Haque, Md. Tanvir Rahman , Jannatul Ferdous, S.M. Shahriar Parvej and **M. Kamrujjaman.** 2020. Relationship Between Disease Severity, Seed Yield, Fibre Yield and Stick Yield at Different Types of Containers Used for Storing Seeds Following Line Sowing Method in the Field. Int. J. Sustain. Agril. Tech. 16(6): 13-17.

(Md. Kamrujjaman)
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Please see Enclosure 54

List of Published Abstracts:

Sl.	Author, Title and Journals address
i	M. Shahadat Hossain**,** M. Mahbubul Islam, M. Siddikur Rahman, M. Lutfor Rahman and **M. Kamrujjaman**. 2015. Seed yield attributes and yield of BJRI tossa pat 5 as influenced by sowing date at late season in different locations of Bangladesh (Sl. no.-65). Souvenir, 14th Conference on Agronomic Challenges for Climate Smart Agriculture. 31 October 2015, Bangladesh Society of Agronomy. 69p.

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Annexure 2

NAME OF TECHNOLOGY DEVELOPED:

1. Identification of retting time and fibre quality of Deshi pat – 2008.
2. Use of nitrogenous plant for the acceleration of jute retting – 2009.

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Annexure 3

List of Research Programme

A. List of Research Programme Developed, Supervised and Executed

Name of research program(s)/ Project(s) Developed	Implementation status	Remarks
Fib.Q. Imp.-1/2005. Isolation of microbes from various natural environmental sources and study of their retting properties.	Conducted in 2005 and repeated to till the date 2005 (up to Tech. Program, 2009-2010)	Satisfactory
Fib.Q. Imp.-2/2005. Screening of germplasms for retting and fibre properties.	Conducted in 2005 and repeated to 2007 (Tech. Program, 2005-2006)	Satisfactory
Fib.Q. Imp.-3/2005. Preparation of appropriate media for bacterial growth and their effect on jute retting.	Conducted in 2005 and repeated to 2007 (Tech. Program, 2005-2006)	Satisfactory
Fib.Q. Imp.-4/2005. Preparation and application of pre- retting fungal culture for the improvement of quality of jute and allied fibres.	Conducted in 2005 and repeated to 2007 (Tech. Program, 2005-2006)	Satisfactory
Fib.Q. Imp.-4/2006. Acceleration of jute retting speed by nitrogenous plant materials	Conducted in 2006 and repeated to 2009 (Tech. Program, 2009-2010)	Satisfactory
Fib.Q. Imp.-7/2009. Low cost retting of jute/ kenaf/ mesta for quality up gradation.	Conducted in 2009 and executed one year.	Satisfactory
SSc.1/2017. Study of the nutrient requirement of NPK & S on advanced olitorius breeding line O-0411-10-4.	Conducted in 2017 and executed one year.	Satisfactory
SSc.5/2017. Study the nutrient requirement of NPK & S on advanced capsularis breeding line BJC-5050.	Conducted in 2017 and executed one year.	Satisfactory
SSc.6/2017. Study the NPK & S nutrient requirement for tossa jute in post harvest onion field at Faridpur region.	Conducted in 2017 and executed one year.	Satisfactory
SSc.7/2017. Effect of foliar application of urea on growth and yield of jute.	Conducted in 2017 and executed one year.	Satisfactory

SSc.9/2017. Organic fertilizer management on jute crop for producing jute leaf recipe.	Conducted in 2017 and executed one year.	Satisfactory

B. Developed, conducted in the field on different disciplined field experiments farm won and other divisions of BJRI. Experienced on administrative and financial affairs of BJRI sub station. Conducted so many training programs on jute, kenaf and mesta crop fibre and seed production technologies for farmers level officers, field staffs and jute farmers. Participated all kinds of upazilla and district level policy meeting on behalf of BJRI .

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Annexure 4

Outstanding achievement:

1	Awarded In-Country PhD Scholarship of NATP-2, BARC. **Please see enclosure 55** **Title of the PhD Dissertation:** *In Vitro* Regeneration and Agrobacterium – mediated Genetic Transformation of Kenaf (*Hibiscus Canabinus* L.) for Salt Tolerence.
2	Worked as a scientist to jute seed and fibre production.
3	Worked as a scientist to management weed in jute field.
4	Prepared a leaflet about Jute production.
5	Conducted training class as a trainer on weed management of DWSR for BRRI scientists.
6	Participated as a team member of different survey and monitoring team.
7	Experience in Computer literacy- MS Word, MS Excel, MS Power Point, MSTAT, Software Installation, Photoshop.
8	Participated as a trainer for the farmers on jute production.
9	Participated as a trainer in Training programme on Jute Fibre and Seed production Technology for farmers at different regional stations of BJRI.
10	**Life Member** of Krishibid Institution of Bangladesh.
11	Member of BJRI Scientist Society.

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