

**BIODATA OF DR. MD. ABDUL ALIM, CHIEF SCIENTIFIC OFFICER (CSO)
AGRONOMY DIVISION, BJRI**

Post: CHIEF SCIENTIFIC OFFICER (CSO)

01. Name : Dr. Md. A. Alim
02. Father's Name : Md. Abdul Mannan Khan
03. Mother's Name: : Mrs. Zarina Begum
04. Husband's name : Not applicable
05. Gender : Male
06. Designation : Chief Scientific Officer (cc)
07. Institution : Bangladesh Jute Research Institute (BJRI)
08. Date of joining in the present position : As CSO (routine work) on 30.06.2019 and as CSO (cc) on 04.01.2021 and as CSO on 30.05.2021.
09. Date of first joining in service : June 30, 1996.
10. Date of birth and age (on 05.02.2023) : July 25,1968; 54Years 06 Months 11 Days
11. Educational qualifications : **(Annexure-1)**

<u>Degree/Diploma/Certificate</u>	<u>Class/Grade/Division</u>	<u>University/Institute/Board</u>	<u>Year</u>
Ph.D	Pass	Hajee Mohammad Danesh Science and Technology University	2014
M.S. (Soil Science)	1 st class	Bangabhandhu Sheikh Muzibur Rahman Agricultural University	2003
B.Sc. Ag (Hons)	1 st class	Bangladesh Agricultural University	1990
H.S.C.	1 st division	Dhaka Board	1986
S.S.C.	1 st division	Jessore Board	1983

12. Field of specialization : Soil and fertilizer management and farming system research

13. Training acquired (Bangladesh and /or abroad) :20 **(Annexure-2)**

(A) In Country : 19

<u>SL.</u>	<u>Title/Subject</u>	<u>Training type</u>	<u>Duration</u>	<u>Institution</u>	<u>Funded by</u>
1	On firm soil fertility and fertilizer management	Short term	5 days, 1999	BARI	DANIDA
2	Motor Driving	Short term	21 days, 1999	BARD	BARC
3	Computer Training	Short term	21 days, 2000	BARD	BARC
4	Foundation training	Long term	105 days, 2000	BARD	BARC

<u>SL.</u>	<u>Title/Subject</u>	<u>Training type</u>	<u>Duration</u>	<u>Institution</u>	<u>Funded by</u>
5	Computer training	Short term	30 working days 2000	EADS	BJRI
6	AEZ/GIS Database Management and its application in Agriculture	Short term	14 days 2001	BARC	BARC
7	Technique of Agricultural Technology Transfer	Short term	2 days 2003	AIS	AIS
8	Irrigation Management and Land Use Development Planning	Short term	14 days 2004	BARD	BARC – PETTRA
9	Use of Manual for Fertilizer Analysis	Short term	10 days, 2004	BARRI	BARC
10	Integrated Plant Nutrition System (IPNS)	Short term	3 days, 2004	BARC	BARC
11	Use of Fertilizer Inspection Manual	Short term	5 days, 2005	BARC	BARC
12	Use of Fertilizer Recommendation Guide 2005	Short term	2 days, 2006	BARC	BARC
13	Administrative and Financial Management	Short term	14 days, 2013	BARD	BARC
14	Project Development and Management	Short term	05 days, 2013	BARC	SPGR Project, BARC
15	Agricultural Technologies for Adaptation to Climate Change	Short term	2 days, 2015	BARC	SPGR Project, BARC
16	Climate Smart Agriculture	Short term	05 days, 2017	NATA	NATP, BARC
17	Public Procurement Management	Short term	10 days, 2018	BIM	NATP, BARC
18	Agricultural Project Management	Short term	03 days, 2018	BJRI	BJRI
19	Sustainable Development Goal	Short term	01 day, 2019	BJRI	BJRI

(B) In Abroad

: 1

1.	Soil Fertility Management and fertilizer USE	Mid term	42 days, 2012	MARDI, Malaysia	SPGR project, BARC
2.	Visit India	Short term	05 days, 2019	India	GoB

14. Experience

: 24 Years 06 Months 21 days
(on 20/01/2021)

a) As Scientific Officer (30.06.1996 to 22.09.2004)

: 08 Years 02 months 23 days

b) As Senior Scientific Officer (23.09.2004 to 23.11.2015)

: 11 Years 02 month 01 day

c) As Principal Scientific Officer (24.11.2015 to 20.01.2021)

: 05 Years 01 month 25 days

d) AS Chief Scientific Officer (30.05.2021 to 05.02.2023)

: 01 Year 08 month 06 days

15. Publication (SO to PSO)
(List of all publications, photocopies of journal publications, photocopies of first page of other Publications are to be attached)

(a)	Scientific journal	No. of publication
	(i) Full paper	
	(a) Paper published in the Reputed International Journal	
	Principal author	4
	Co-author	4
	(b) Other International & National Journal	
	Principal author	7
	Co-author	22
	(ii) Short communication	
	Principal author	-
	Co-author	-
(b)	Books/Monograph/Bulletin	
	(i) Books	
	Principal author	-
	Co-author	-
	(ii) Monographs	
	Principal author	-
	Co-author	-
	(ii) Bulletins	
	Principal author	5
	Co-author	15
	Workshop/Symposium Proceedings/Seminar Presentation:	19
	(i) International	
	Principal author	-
	Co-author	-
	(ii) National	
	Principal author (Seminar presentation)	2
	Co-author	17

List of publications: **Journal publication: National /International- 37 (Annexure-3A)**

A. Journal publication : As principal author – 11

SL.	Publication type	Description
1)	Full Scientific Paper	Alim, Md. A. , M.M.Alam, S.Khandker, S.A.Ahmad, Ahsanul Haque and Nargis Akhter.2001. Impact of Crop Residues on Soil Organic Matter content and Production of Late Jute Seed. On line Journal of Biological Sciences 1(12): 1124-1126.
2)	Full Scientific Paper	Alim, Md. A. , M.M.Alam, Ahsanul Haque , Nargis Akhter, Zabun Naher and A.S.M.Iqbal Hossain.2002. Effect of Fresh Jute Leaves on Soil and Late Jute Seed Production. On line Journal of Biological Sciences 2(1): 18-20.
3)	Full Scientific Paper	Alim, Md. A. , M.N Gani, M. Monjurul Alam, S.M. Moniruzzaman, A.K.M. Maqsudul Alam and Suraiya Khandker. 2000-2003. Varietal Variation in Growth, Yield and Nutrient Uptake by Jute. B.J.Jute Fib. Res. Vol. 24 No. 1-8, pp: 119-124.

SL.	Publication type	Description
4)	Full Scientific Paper	Alim, Md. A. , Khandker Majidul Hossain, Qazi A. Khaliq, S.M. Moniruzzaman and Mohammad Shahjahan. Effect of Nitrogen on the Growth and Yield of Jute. <i>J. of Soil Health & Environment</i> , Vol. 1 (1):32-37, January 2004.
5)	Full Scientific Paper	Alim, Md. A. A. J. M. Sirajul Krim, Khandker Majidul Hossain, Suraiya Khandker and Mohammad Shahjahan. Effect of Nitrogen on Soil Properties and Uptake of Nutrients by Jute. <i>J. of Soil Health & Environment</i> , Vol. 1(1):7-12, January 2004.
6)	Full Scientific Paper	Alim, Md. A. A. J. M. Sirajul Krim, Khandker Majidul Hossain, S.M. Moniruzzaman and Suraiya Khandker. Impact of K on Soil Properties and Uptake of Nutrients by Jute. <i>J. of Soil Health & Environment</i> , Vol. 1(1):52-57, January 2004.
7)	Full Scientific Paper	Alim, Md. A. , A.J.M. Sirajul Karim, Qazi A. Khaliq, Mohammad Shahjahan and A.S. M. Iqbal Hossain. Growth and Yield Response of Jute to Potassium. <i>Bangladesh J. Progr. Sci. and Tech.</i> Vol. 2 (1): 7-17, January 2004.
8)	Full Scientific Paper	Alim, Md. A. , A.J.M. Sirajul Karim, Qazi A. Khaliq, Mohammad Shahjahan and A.S. M. Iqbal Hossain. Effect of organic and inorganic fertilizer management on jute production and soil fertility. <i>Bangladesh J. Agril. Res.</i> 29 (4): 653-658, December 2004.
9)	Full Scientific Paper	Alim, M. A. , Borhan Ahmed, M.N.Gani, M.M.Alam and AKMM Alam. Effect of integrated nutrient on growth and yield of jute (<i>Corchorus olitorius</i>) and soil organic matter. <i>Bangladesh J.Jute Fib. Res.</i> 2009 (1-2): 115-120.
10)	Full Scientific Paper	Alim, Md. A. , Abida Sultana and Md. Saheb Ali. 2021. Fertilizer for seed yield potential of BJRI tossa pat-8. <i>Int. J. Agric. Plant Sci.</i> 3(2): 34-47(October 2021).
11)	Full Scientific Paper	Alim, Md. A. , Abida Sultana, Tipu Sultana and Jannatul Ferdous. December 2021. <i>Int. J. of Inno. Research and Engineering Studies (IJIRESES)</i> . 1(2):9-12.

B. Journal publication : As Co-author - 26

1)	Full Scientific Paper	Ahsanul Haque, A.K.M.Farukuzzaman, Hasina Banu, N.Islam, Md.Abdul Alim , and Aleya Nasreen.2001. Pesticidal Efficacy of Some Indegenous Plant Oils Against the Mexican Bean Weevil, <i>Zabrotes subfasciatus</i> . Boheman.(Coleoptera: Bruchidae). <i>On line Journal of Biological Sciences</i> 1(11): 1034-1039.
2)	Full Scientific Paper	Abbas, M., Zabun Naher, Maksuder Rahman,Ahsanul Haque and Md.Abdul Alim . 2002.Selection Prediction for Yield of Fibre in Jute (<i>Corchorus capsularis</i> and <i>C.olitorius</i>). <i>On line Journal of Biological Sciences</i> 2(5): 295 - 297.
3)	Full Scientific Paper	Naher, Z., A. Khatun, Sherin Mahbub Md.Abdul Alim , and Abu Bakar Siddique.2003. Influence of Genotypes on Plant Regeneration from Cotyledons of <i>C. capsularis</i> . <i>Biotechnology</i> , Vol. 2, No. 1: 44-51, 2003.
4)	Full Scientific Paper	S.M. Moniruzzaman, M.N. Nabi, Md. A. Alim , Md. Monirul Islam, E.R Choudhury. 2000-2003. Marketing of Jute from Growers to Secondary Market Level in Selected areas of Bangladesh. <i>B.J.Jute Fib.Res.Vol.No.</i> 1-8,pp:111-117.
5)	Full Scientific Paper	Nargis Akter, Md. Abdul Alim , M. Mahbulul Islam, Zabun Naher, Maksuder Rahman and A.S.M. Iqbal Hossain. Evaluation of Mixed and Intercropping of Lentil and Wheat. <i>Journal of Agronomy</i> , 3(1): 48-51, 2004.

- 6) Full Scientific Paper A.S.M. Iqbal Hossain, M. Ibrahim, **Md. A. Alim**, S.M. Moniruzzaman and M.N. Uddin. Optimazation of Planting Density and Nitrogen of BRR1 dhan29. J. Soil Health & Environment, Vol.1 (1): 45-51, January 2004.
- 7) Full Scientific Paper Mohammad Shahjahan, M. A. Alim, M.M.H. Khurram, M.A.M. Mollah and M.M. Hasan. Feasibility of Relay Intercropping of Jute in Groundnut. Bangladesh J. Progr. Sci. & Tech 2(1): 1-6, January 2004.
- 8) Full Scientific Paper Akter, N., M.A.K. Mian, M.M. Islam, **M.A. Alim** and M.N.Islam. 2005. Estimation of Genetic Parameters, Character Association, and Path Analysis in Jute (Corchorus olitorius L) Germplasm. B.J.Pl. Breed. Genet., 18(1): 35-38.
- 9) Full Scientific Paper Gani, M.N., **M.A.Alim**, AKMMAlam, M.,A, Samad and S.M.,Badier. 2006. Effect of cowdung and chemical fertilizer on growth, yield and quality of jute (*Cochorus olitorius L.*). B.J.Life Sci. 18(1): 19-25.
- 10) Full Scientific Paper M. Saheb Ali, B. Ahmed, M.M. Ali, **M. A. Alim** and A.K.M.Maqsudul Alam. 2007. Effect of Split Application of Nitrogen fertilizer on Seed and Yield contributing Characters of Jute. Int. J. Sustain. Agril. Tech. 3(4):24-29, August2007.
- 11) Full Scientific Paper M. Saheb Ali, M.M. Ali, B. Ahmed and **M. A. Alim**. 2008. Standardization of fertilizer application on deshi jute (*Corchorus capsularis* L) varieties for seed production in conventional way. Int. J. Sustain. Agril. Tech. 4(3):10-13, June 2008.
- 12) Full Scientific Paper M. Monjurul Alam, A.K.M. Maqsudul Alam, S. Khandker, **M.A. Alim** and Samiul Haque. 2009. Effect of sulphur on late jute seed production in different AEZ of Bangladesh. Int. J. Sustain. Crop Prod. 4(3): 33-37 (May 2009).
- 13) Full Scientific Paper Gani, M.N., AKMMAlam, M.A. Taher, **M.A.Alim**, and M.M.,Alam. 2009. Utilization of wheat straw on the production of conventional jute seed. Eco-friendly Agril.J.2(12):999-1001,2009 (December).
- 14) Full Scientific Paper Rahman, M.M.,M.A.Alim, B.Hossain, A.Alam and Z.A.Rafiq.2010.Yield and quality (less cutting) of fibre as influenced by fertilizer and sowing methods. Int. J. Sustain. Agril. Tech. 6(2):28-32, February 2010.
- 15) Full Scientific Paper J.Ferdous, M.S. Hossain, **M.A. Alim** and M.M.Islam. 2019. Effect of field duration on yield and yield attributes of tossa jute varieties at different agro-ecological zones.Bangladesh Agron.J.2019,22(2):77-82.
- 16) Full Scientific Paper Md Saheb Ali1, Md Marfudul Hoque, **Md Abdul Alim**, Md Mahbulul Islam.2019. A Nutrient Combination That Can Affect Yield of Olitorius Jute. Plant. Vol. 7, No. 3, 2019, pp. 42-46. doi: 10.11648/j.plant.20190703.13
- 17) Full Scientific Paper Md. Marfudul Hoque a, Md. Saheb Ali, **Md. Abdul Alim**, Bornali Mostofa and Md. Mahabubul Islam. 2019a. Effective nutrient combination for advance capsularis breeding line BJC-5050 production. American Research Journal of Agriculture, vol5, no1,2019,pp.1-5.
- 18) Full Scientific Paper Md. Marfudul Hoque b, Md. Saheb Ali, **Md. Abdul Alim**, Bornali Mostofa and Md. Mahabubul Islam. 2019b. Potential uses of fertilizer for advanced Olitorius) O-0412-9-4 production. International Journal of Agricultural and Biosystems Engineering, vol 4, no 2,2019,pp.8-11.
- 19) Full Scientific Paper M.Shahadat Hossain,J.Ferdous, M. Kamrujjaman, **M.Abdul Alim** and M. Mahabubul Islam. 2020.Fibre yield, yield attributes and economics of tossa jute (*C. Olitorius*) as affected by different weedicides.Int.J.Sustain Agril.Tech16(5):14-19,2020.

- 20) Full Scientific Paper J.Ferdous, M.S. Hossain, **M.A. Alim** and M.M.Islam. 2020. Effect of weeding and herbicide management on fibre yield and yield attributes of tossa jute. *Bangladesh Agron.J.*2020, 23(1):101-106.
- 21) Full Scientific Paper J.Ferdous, M.S. Hossain, **M.A. Alim** and M.M.Islam. 2020. Effect of weeding and herbicide management on fibre yield and yield attributes of tossa jute. *Bangladesh Agron.J.*2020, 23(1):101-106.
- 22) Full Scientific Paper J. Ferdous, M.S. Hossain, **M.A. Alim** and S. A. Jui. 2021. Effectiveness of Herbicides on Weed Management, Growth and Yield of Jute Seed Production in Bangladesh. *Bangladesh. J. Weed Sci.* 7(1&2): 1-19.
- 23) Full Scientific Paper Abida Sultana, Md. Tanvir Rahman, **Md. Abdul Alim** and Md. Saheb Ali. 2021. Fertilizer for maximum out put and growth of BJRI Tossa -8. *Americ. J. Bio Sci. Bio eng.*9(5): 143-146 (October 2021).
- 24) Full Scientific Paper S. M. S. Parvej, M. A. Alam, S. N. Islam, B.S. Roy and **M. A. Alim**. Effect of variety and harvesting time on kenaf fibre yield grown in Narayanganj district of Bangladesh. *Bangladesh J. Environ. Sci.*, vol. 40, pp. 5-8, 2021.
- 25) Full Scientific Paper S. M. S. Parvej, M . A. Alam, B. S. Roy, R. C. Das and **M. A. Alim**. Assessment of kenaf fibre yield grown in kishoreganj haor area of Bangladesh. *Bangladesh J. Environ. Sci.*, vol. 40, pp. 140-145, 2021.
- 26) Full Scientific Paper J. Ferdous, M.S. Hossain, M. Y. Sarker, **M.A. Alim** and M.M. Islam. 2022. Effect of Sowing Date on Fibre Yield and Yield Attributes of Advanced Breeding Line O-0412-9-4 and O-043-7-9 of Tossa. *Jute Bangladesh Agron. J.* 25(1).

- B. Other publication : (i) Books : 1 (As Co-author)
 ii) Bulletin/ Popular article: 29 (As principal author-7 and Co-author-22)
 (iii) Proceeding : 19 (Workshop proceeding- 9, Workshop report-8 and Seminar presented-2) (**Annexure-3B**)

List of Books: As Co-author- 1

1. Jute Seed Production and Storage Technology Handbook. BJRI. 2006.

List of Leaflets/Bulletins: 29

As principal author-7

- 1) Impact of Jute cultivation on Soil Physical Properties. BJRI News Letter. 2003.
- 2) Nabee Pat Beez Utpadane Sar Proyoger Pariman O Proyog Padhati (In Bengali): 2006, 2020
- 3) শীত কালিন শাক সজির সাথে পাট বীজ উৎপাদন প্রযুক্তি-২০১৫।
- 4) পাট উৎপাদনে মৃত্তিকা ও সার ব্যবস্থাপনা- ২০১৯।
- 5) বিজেআরআই দেশী পাট-৮ এর বীজ উৎপাদন প্রযুক্তি-২০২০।
- 6) নাবী পাট বীজ উৎপাদনে সার প্রয়োগের পরিমাণ ও প্রয়োগ পদ্ধতি-২০২০।
- 7) বিজেআরআই তোণা পাট-৮ এর বীজ উৎপাদন প্রযুক্তি-২০২২।

As Co author-22

1. Integrated Soil Fertility and Fertilizer Management.
2. Improved Varieties of Jute (fertilizer Part)
3. Amount and Method of fertilizer application for jute.
4. BJRI Tossa –2 (O-9897, Fertilizer Part)
5. BJRI Tossa –3 (OM-1, Fertilizer part)
6. BJRI Tossa –4 (O-72, Fertilizer part)
7. BJRI Deshi-5 (BJC-7370), Fertilizer part)
8. BJRI Deshi-6 (BJC-83, Fertilizer part)
9. Jute seed production and storage (Fertilizer part)
10. Updating of fertilizer Recommendation For Wheat-Jute-T.Aman cropping pattern Under AEZ No,- 3, 2006
11. Integrated Soil Fertilizer Management on Chickpea-Jute-T.Aman Cropping Pattern.
12. Kenaf HC-95 (Fertilizer part)
13. Mesta HS 24, BJRI (Fertilizer part)
14. Methods and quantity of fertilizer for Jute, Kenaf and Mesta crop
15. Kenaf HC-2 (Fertilizer part)
16. BJRI Deshi Pat- 7 (BJC-2142, Fertilizer part)
17. BJRI Deshi Pat- 8 (BJC-2197, Fertilizer part)
18. BJRI Tossa –5 (O-795, Fertilizer part)
19. BJRI Tossa –6 (O-3820, Fertilizer part)
20. BJRI Tossa –7 (MG-1, Fertilizer part)
21. BJRI Kenaf -3 (CPI-721236) (Fertilizer part)
22. BJRI Kenaf -4 (KE-3) (Fertilizer part)

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

Number of technology developed	Number of technology disseminated	Number of research programme developed , supervised and executed (Annexure-5)	Number of patents disseminated	Remarks
27	16	102 (As Principal investigator- 31, supervised-17 and as Co-investigator-54)	-	-

(A) List of Technology Developed: 27

SL	Name of Technology	Association
1.	Fertilizer recommendation for tossa jute variety O-72 with organic fertilizer	As Co-investigator
2.	Fertilizer recommendation for tossa jute variety O-72 without organic fertilizer	As Co-investigator
3.	Integrated fertilizers management under jute based cropping patterns	As Co-investigator
4.	Fertilizer recommendation of late jute seed production of jute variety O-9897	As Co-investigator
5.	Fertilizer recommendation of jute in Wheat-Jute- T.Aman cropping pattern	As Co-investigator
6.	Fertilizer recommendation of jute in Potato-Jute- T.Aman cropping pattern	As Co-investigator
7.	Fertilizer recommendation of jute in Mustard -Jute- T.Aman cropping pattern	As Co-investigator
8.	Fertilizer recommendation of jute in Mungbean -Jute- T.Aman cropping pattern	As Co-investigator
9.	টপ কাটিং পদ্ধতিতে পাট বীজ উৎপাদনে সারের মাত্রা নির্ণয়।(হেক্টর প্রতি নাইট্রোজেন ৫০ কেজি, ফসফরাস ১০ কেজি, পটাশ ২৫ কেজি, সালফার ১০ কেজি এবং জিংক ৪ কেজি)	As Co-investigator
10.	Fertilizer recommendation of the Deshi jute variety BJC- 2142	As Co-investigator
11.	Determination of tilling depth for jute fibre production	As Principal investigator
12.	Development of Maize-Jute-T.Aman cropping pattern	As Co-investigator
13.	Jute seed production in inter cropping with winter vegetables	As Principal investigator
14.	Fertilizer recommendation for tossa jute variety O-795.	As Co-investigator

15.	Updated fertilizer recommendation for fibre production of tossa pat 9897	As Principal investigator
16.	পাটের অগ্রবর্তী সারি বিজেসি-২১৯৭ এর সারের মাত্রা নির্ণয় (হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১৫ কেজি, পটাশ ৯০ কেজি এবং সালফার ৩০ কেজি)	As Principal investigator
17.	Fertilizer recommendation of late jute seed production with winter vegetables	As Principal investigator
18.	Jute seed production through seedling transplanting method in dry land condition	As Principal investigator
19.	BJRI Jute Auto Power ribboner	As Principal investigator
20.	আঁশ উৎপাদনের জন্য তোষার অগ্রবর্তী সারি ও-০৪১২-৯-৪ এবং ও-০৪৩-৭-৯ এর জন্য বীজ বপনের সঠিক সময় নির্ণয়	As Co-investigator
21.	আঁশ উৎপাদনের জন্য তোষা জাত ও-৭৯৫, ও-৯৮৯৭ এবং জেআরও-৫২৪ সঠিক জীবনকাল নির্ণয়	As Co-investigator
22.	আঁশ উৎপাদনের জন্য তোষা পাটের অগ্রবর্তী সারি ও-০৪৩-৭-৯ এর সারের মাত্রা নির্ণয় (হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১০ কেজি, পটাশ ৪৫ কেজি এবং সালফার ২০ কেজি)	As Co-investigator
23.	তোষা পাটের একটি সারি ও-০৪৩-৭-৯ এর উৎপাদনের জন্য সারের মাত্রা নির্ণয় (হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১০ কেজি, পটাশ ৩০ কেজি এবং সালফার ১৫ কেজি)	As Co-investigator
24.	আঁশ উৎপাদনের জন্য তোষার অগ্রবর্তী সারি ও-০৪১২-৯-৪ এবং ও-০৪৩-৭-৯ এর জন্য সারের মাত্রা নির্ণয় (হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১০ কেজি, পটাশ ৩০ কেজি এবং সালফার ২০ কেজি)	As Co-investigator
25.	দেশী পাটের সারি বিজেসি- ৫০৫০ এর উৎপাদনের জন্য সারের মাত্রা নির্ণয় (হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১৫ কেজি, পটাশ ৩০ কেজি এবং সালফার কেজি)	As Co-investigator
26.	বিজেআরআই দেশী পাট-৮ এর বীজ উৎপাদন প্রযুক্তিতে সারের মাত্রা নির্ণয় (হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১৫ কেজি, পটাশ ৩০ কেজি এবং সালফার কেজি)	As Principal investigator
27.	বিজেআরআই তোষা পাট-৮ এর বীজ উৎপাদন প্রযুক্তিতে সারের মাত্রা নির্ণয় ((হেক্টর প্রতি নাইট্রোজেন ১০০ কেজি, ফসফরাস ১৫ কেজি, পটাশ ৩০ কেজি এবং সালফার কেজি)	As Principal investigator

(B) Participation in technology Dissemination/transfer activities:

- (1) Fertilizers requirement of the variety OM-1
- (2) Integrated fertilizers management under jute based cropping patterns
- (3) Fertilizer recommendation for late jute seed production
- (4) Methods of jute fibre and seed production
- (5) Fertilizer recommendation for tossa jute variety O-72 with organic fertilizer
- (6) Fertilizer recommendation for tossa jute variety O-72 without organic fertilizer
- (7) Fertilizers requirement of the variety BJC-83
- (8) Fertilizers requirement of the variety BJC-7370
- (9) Different seed storage technique of jute and allied fibre crops.
- (10) Jute seed production in inter cropping with winter vegetables
- (11) Methods of improved retting technology of jute and allied fibre
- (12) Fertilizer recommendation for tossa jute variety O-795
- (13) Jute seed production through seedling transplanting method in dry land condition
- (14) Jute seed production through stem cutting method
- (15) Fertilizers requirement of the variety deshi pat-8 (BJC-2197)
- (16) Jute Auto Power Ribboner

17. Outstanding achievement (SO to CSO (cc)) (Duly endorsed by the Head of Division and Director (Res.))

As SSO:

Research planning, preparation and execution of different programme/projects on jute based soil and fertilizer management. Helping in execution of joint research programme with other disciplines. Rendering training service to jute growers, agricultural extension workers as well as different stake holders of jute. Co-ordinating and counseling to fellow scientists on research activities. Participated in Radio programmes on jute and jute seed production. **Closely associated with development of production package including soil and fertilizer management of the jute variety BJRI Tossa Pat-6, BJRI Deshi Pat-7 and BJRI Deshi Pat-8.**

As PSO:

At Plant Pathology Department - Research planning to fulfill the Lab., green house and field Research at farm label, Assist to CSO's Administration works, Personnel Management, Project management, Supervision of all research programme executed in the department. **Closely associated with Development of threshold level (seed health standard) of *Colletotrichum corchori* in jute seed as project co-investigator.**

At Farming Systems Research Division: Research planning to fulfill the field Research at farm label, Assist to CSO's Administration works, Personnel Management, Project management. Extension and Demonstration of Jute fibre and Seed production Programs, Conductions of farmers trainings, Research Program Development, Execution, Supervision of Field research, Monitoring, Evaluation, Report writing & editing. **Play key role in executing the project on "Farming System Research and Development for Farmers' Livelihood Improvement" in where jute seed production with winter vegetables is profitable and quality jute seed is produced in inter cropping systems came into broad day light.**

At Plant Physiology Department: Research planning, Assistance to CSO's Administration works, Departmental Personnel Management, Project management, Extension and Demonstration of Jute fibre and Seed production Programs, Research Program Development, Execution, Supervision of Field research, Monitoring, Evaluation, Report writing & editing. **Play vital role to popularize the jute seed production technologies in southern regions of Bangladesh through "Validation and Up-Scaling of Off-Season Jute Seed Production Technologies in Jute Growing Areas of Bangladesh" project execution as project PI.**

At Fibre Quality Improvement Division: Research planning, assistance to CSO's Administration works. Departmental Personnel Management, Project management, Development of low cost technology for retting and quality improvement of jute and allied fibre. Research Program Development, Execution, Supervision of Field research, Monitoring and Evaluation. **Developed "Jute Auto Power Ribboner" and closely associated with the development of "Jute Harvester" from the project "Upgradation and Evaluation of Jute Auto Power Ribboner and Ribbon Retting Technique at Farm Level" as project PI.**

At Soil Science Department: Research planning to fulfill the Lab., green house and field Research at farm label, Assist to CSO's Administration works. Departmental Personnel Management, Supervision of all research programme executed in the department under Agronomy Division. Development of technology on soil and fertilizer management of jute and allied fibre. Conductions of farmers trainings, Extension and Demonstration of fibre and Seed production Programs, Research Program Development, Execution, Supervision of Field research, Monitoring, Evaluation, Report writing & editing. Participated in Radio programmes on jute and jute seed production. **Associated with the production package development including soil and fertilizer management and evaluation of the outstanding Tossa jute variety BJRI Tossa pat-8 (Rabi-1).**

(As CSO In Agronomy Division): Research planning, co-ordinate and supervise divisional scientists' research work. Administrate and management of divisional including departmental personnel, Supervision of all research programme executed under Agronomy Division. Monitoring and Evaluation and also aid to BJRI authority to research planning and budgeting. Attending research training, workshop and technology dissemination activities.

Number of research projects developed and executed: 31 (ANNEXURE-6)

Number of research projects developed -31	Number of research projects executed-31	Remarks
As Principal Investigator- 7	As Principal Investigator- 7	-
As Co-investigator- 24	As Co-investigator- 24	

No, of Management/Planning/training developed and executed: 13 (ANNEXURE-7)

Number of Training Programs developed	Number of Training programs executed	Remarks
13	13	

Special Project conducted: 06

- 1) Environmental Assessment of Jute Agriculture (IJO)-funded by IJO
- 2) Integrated Soil Fertility and Fertilizer Management Project-Phase-II - funded by (SFFP-DANIDA)
- 3) Development of threshold level (seed health standard) of *Colletotrichum corchori* in jute seed - funded by SPGR
- 4) Farming System Research and Development for Farmers' Livelihood Improvement: BJRI Component- funded by SPGR
- 5) Validation and Up-Scaling of Off-Season Jute Seed Production Technologies in Different Jute Growing Areas of Bangladesh - funded by KGF
- 6) Upgradation and Evaluation of Jute Auto Power Ribboner and Ribbon Retting Technique at Farm Level- funded by GOB (Ministry of Agriculture)

Special Project preparation: 05

- 1) Integrated Village Agricultural Development Using Upazilla Nirdeshika.
- 2) Management of Saline Soils for jute and Allied Fibre Production.
- 3) Assessment of Nutritional balance in Jute Agriculture.
- 4) Integrated Nutrient Management for Jute Seed and Fibre Production in Different AEZs of Bangladesh
- 5) Enhancement of Yield and Quality of Jute Fibre and Seed to an Economic and Sustainable Level on Farmers Field Through Improved Management and Mechanized Practices.

Signature of Scientist :.....

(Dr. Md. Abdul Alim)

Address: Chief Scientific Officer,
Agronomy Division, BJRI,
Dhaka-1207.

ANNEXURE-3(B)

**List of Proceedings (Association in preparation / Participation/presentation in Seminar / workshop papers)
-19**

<u>SL.</u>	<u>Title/Subject</u>	<u>Duration</u>	<u>Institution</u>	<u>Funded by</u>	<u>Association</u>
1	Updating of fertilizer recommendation in different jute growing areas through on farm testing	24-25 Mar 98	BARC	BARC	Co-author
2	Integrated soil fertilizer management Project	2 days 28-30Aug99	BARC	DANIDA	Co -author
3	Integrated soil fertility and fertilizer management	2 days 30-31oct 99	BARC	DANIDA	Co -author
4	Integrated nutrient management with different sources of fertilizer materials in Wheat – Jute – T.aman cropping systems	2 days (22-23, June 1999)	BARC	DANIDA	Co -author
5	Transferable technologies for soil and fertilizer management of jute based cropping patterns	2 days (23-24 Feb '00)	BJRI	IJO	Co -author
6	Research activities and internal review of Kishoregang regional station 1999-2000 of ISFFMP	3 days (12-14 Jun'00.)	RARS, Jamalpur, BARI	DANIDA	Co -author
7	Review workshop on “ Kharip-II harvest and Rabi Standing Crops”	1 day (31. 01. 2001)	BARC	DANIDA	Co -author
8	Updating of fertilizer recommendation for different jute based cropping patterns	3days (27-29May'01)	BARI	DANIDA	Co -author
9	Annual report 1999-00 of ISSMPF Phase-II.	2 days (26-27Aug'01)	BARC	DANIDA	Co -author
10	Proceedings of the GIS concluding workshop and follow up actions	12.012002	BARC	BARC	Co -author
11	Report on Kharif-II and Rabi/2001-02 of ISFFMP Phase-II.	2 days (05-06Feb'02)	BARC	DANIDA	Co -author
12	Impact of jute Cultivation on Soil Properties	09.05.2002	BSMRAU	BSMRAU	Principal author
13	Report on Rabi/ 2000-2001, Kharif-I/2001, Kharif-II/2001, Rabi/2001	2 days (28-29 August'02)	BARC	DANIDA	Co -author
14	Report on Kharif Trials of 2002 and Present Status of on Going research Activities of Rabi, 2002-2003.	1 day (27.02.2003)	BARC	DANIDA	Co -author

15	Report on Rabi 2001-2002, Kharif Trials of 2002, Rabi 2002-2003	2 days (17-18 May '03)	BARC	DANIDA	Co -author
16	Report on Rabi, Kharif Trials of 2001-2002, Rabi 2002-2003 and Present Status of the Crop	2 days (24-25 August'03)	BARC	DANIDA	Co -author
17	Half Yearly Review Workshop on Progress Report of Activities under SFFP 2003-04, Phase- II.	1 day (28-01-2004)	BARC	DANIDA	Co -author
18	New Researchable Issues of Soil Nutrient Management Under SFFP, BJRI Component	28.06.2004	BARC	BARC	Principal author
19	Yield quality and Shelf Life of Jute Seed as influenced by Potassium and Boron.	29.5.2007	HSTU	HSTU	Principal author (One day Seminar)

ANNEXURE-5

List of research program developed, supervised and executed: 102 (As principal investigator- 31, supervised- 17 and Co-investigator- 54)

SL. NO.	Name of the Research Programme Developed and executed	Developing and executing Year	Association
1	Effect of jute cultivation on soil fertility	1997,98,99, 2000	As Co-investigator
2	Study the effect of different organic and chemical resources for checking soil borne diseases of jute	1997, 98, 99, 2001,2002	As Co-investigator
3	Impact of different sources of organic materials on the growth and yield of jute seed in conventional way.	1997, 98,99, 2000	As Co-investigator
4	Impact of crop residues amendments on the production of jute based cropping pattern (Jute – T. Aman – Wheat)	1997,1998, 1999,2000	As Co-investigator
5	Study the effect of leaves shedding and root decomposition by jute plant in soil	1997,1998, 1999	As Co-investigator
6	Requirements of NPK and S fertilizers for pre-released variety of tossa jute	1998,1999, 2000,2001	As Co-investigator
7	Impact of uses of chemical fertilizers on soil environment	1998, 2001,2002	As Principal investigator
8	Integrated nutrient management with different sources of fertilizer materials in Wheat – Jute T.aman cropping system	1998	As Co-investigator
9	Updating of fertilizers recommendation for jute growing areas through on farm testing	1998,1999	As Co-investigator
10	Effect of ESTAZINC on the growth and yield of jute	1998,1999,2000	As Co-investigator
11	Effect of jute cultivation on environment	1998,1999	As Co-investigator
12	Comparative study of nutritional status of different parts of jute plants	1999,2000, 2001,2003	As Principal investigator
13	Nutrient management under tripple cropping pattern	1999	As Co-investigator
14	Comparative performance of seed yield of some C. olitorius varieties at different levels of nutrition	1999,2000, 2001	As Co-investigator
15	Impact of fertilizers (organic and inorganic) on the growth, yield and environment	1999,2000	As Co-investigator
16	Impact of leather wastes on jute cultivation	1999	As Principal investigator
17	Impact of jute cultivation on environment in farmer's field	1999	As Co-investigator
18	Effect of NPKS on the growth and yield of Kenaf	2000,2002, 2003,2004	As Co-investigator

SL. NO.	Name of the Research Programme Developed and executed	Developing and executing Year	Association
19	Survey of nutrient status of Manikganj regional Station of BJRI	2000	As Co-investigator
20	Updating of fertilizer recommendation for different jute based cropping patterns	2000	As Co-investigator
21	Effect of jute based cropping pattern on soil fertility	2000,2001	As Co-investigator
22	Effect of micronutrients on the yield and quality of jute fibre	2001,2002	As Co-investigator
23	Screening of jute / kenaf germplasm for salt tolerance	2001,2003, 2005	As Co-investigator
24	Nutrient survey of jute growing areas under different AEZ	2001	As Co-investigator
25	New fertilizer adoption in cultivation of bast fibre crops	2001	As Co-investigator
26	Effect of jute based cropping pattern on soil fertility	2001,2002, 2003,2004	As Co-investigator
27	Study on the requirement of NPKS fertilizer for promising breeding line BJC -2142.	2002,2003, 2004,2005	As Co-investigator
28	Influence of nutrients on seed yield and quality of the advanced pipeline variety O-72	2002	As Co-investigator
29	Effect of nutrients on the yield and quality of jute fibre	2002	As Co-investigator
30	Nutrient management for Pulses/Mungbean- Jute-T.Aman cropping pattern	2002,2003	As Co-investigator
31	Effect of Mg on growth and yield of jute in Green House condition	2002,2003	As Co-investigator
32	Fertilizer management in late jute seed crop with winter vegetables	2003,2004	As Principal investigator
33	Effect of sewage sludge on the production of jute and soil properties	2003	As Co-investigator
34	Effect of organic and inorganic fertilizer management on nutritional status of different parts of jute plants and soil environment	2004	As Principal investigator
35	Fertilizer management for jute based cropping pattern	2004	As Co-investigator
36	Effect of NPKS on the growth and yield of kenaf advanced breeding line CPI-72126	2004,2005, 2007	As Co-investigator

SL. NO.	Name of the Research Programme Developed and executed	Developing and executing Year	Association
37	Influence of nutrients on seed yield and quality of the variety O-72	2004, 2006	As Co-investigator
38	Study on the requirements of NPKS fertilizer for advance breeding line BJC-370	2005,2006	As Principal investigator
39	Fertilizer recommendation for late jute seed production of the variety BJC-7370	2005	As Co-investigator
40	Standardization of fertilizer application on seed production of deshi jute varieties in conventional way.	2005,2006	As Co-investigator
41	Effect of integrated fertilizer management on yield and quality of jute and soil environment	2005,2005	As Principal investigator
42	Effect of Mg on growth and yield of jute in different Agro-ecological Zones of Bangladesh.	2006	As Co-investigator
43	Popularization of the evolved technologies of soil and fertilizer management for quality jute seed production	2006	As Principal investigator
44	Study on the nutrient requirement of NPKS for advance olitorius line O-795	2007, 2010	As Co-investigator
45	Integrated effect of Irrigation and different doses of nitrogen on seed yield and quality of the variety O-9897	2007	As Co-investigator
46	Impact of dose, time and method of Potassium application on jute seed yield, quality and storability.	2006, 2007,2008	As Principal investigator
47	Impact of dose, time and method of Boron application on jute seed yield, quality and storability.	2006, 2007,2008	As Principal investigator
48	Interaction effect of Potassium and Boron application on jute seed yield, quality and storability.	2007,2008, 2009	As Principal investigator
49	Fertilizer recommendation for late jute seed production of deshi jute varieties.	2007	As Co-investigator
50	Study on the requirements of N, P, K and S fertilizer for capsularis advance breeding line BJC-2197	2010	As Co-investigator
51	Impact of fertilizers (NPKS) on advance Olitorius breeding line O-3820	2010, 2011, 2012	As Co-investigator
52	Fertilizer recommendation for late jute seed production of the capsularis variety BJC-7370	2010	As Co-investigator
53	Development of low cost production of fertilizer management technique in jute based cropping patterns	2010	As Co-investigator
54	Seed health test and pathological study of Jute, Kenaf and Mesta seeds for recommendation	2011	As Co-investigator
55	Screening of resistant materials against <i>Macrophomina Phaseolina</i> under controlled condition	2011	As Co-investigator

SL. NO.	Name of the Research Programme Developed and executed	Developing and executing Year	Association
56	Preliminary screening of jute and allied fibre crops against root-knot diseases	2011	As Principal investigator
57	Integrated management of fungal diseases of jute	2011	As Co-investigator
58	Assessment of yield loss due to leaf curling and leaf yellowing of Kenaf	2011	As Co-investigator
59	Survey of diseases of jute and allied fibre crops	2011	As Principal investigator
60	Training on management approaches of newly appeared pests and diseases of jute, kenaf and mesta	2011	As Principal investigator
61	Effect of soil tilling depths on jute fibre yield	2012	As Principal investigator
62	Field evaluation of different jute accessions on different sowing dates across environments	2013,2014,2015	Supervised
63	Screening germplasm of jute, kenaf and mesta for salinity tolerance	2013	As Principal investigator
64	Screening of germplasm of erect leaf for higher yield and quality of jute	2013,2015	As Principal investigator
65	Dry matter portioning of BJRI kenaf 3 (HC-3)	2013	As Principal investigator
66	Assessment of jute, kenaf and mesta seed quality produced in different regional and sub-stations of BJRI	2013,2014	Supervised
67	Studies on seed yield and quality of different jute varieties across environments	2013,2014,2015	As Principal investigator
68	Varietal performance evaluation of tossa jute for seed production with winter vegetables at farmers level	2013,2014 and 2015	As Principal investigator
69	Performance evaluation of adaptive trial of farmers' self produced tossa jute seeds at field level.	2013,2014 and 2015	As Principal investigator
70	Establishment of inter-cropping with jute seed crop with winter vegetables.	2013,2014 and 2015	As Principal investigator
71	Establishment of adaptive trial of deshi and tossa jute varieties for jute fibre production at farmers' level.	2014, 2015	As Principal investigator
72	Performance evaluation of jute seed production methods at farmer's level.	2014, 2015	As Principal investigator
73	Dry matter portioning of BJRI Tossa Pat-5 (O-795)	2014	As Principal investigator
74	Studies on seed yield and quality of different Kenaf varieties across environments	2014,2015	Supervised

SL. NO.	Name of the Research Programme Developed and executed	Developing and executing Year	Association
75	Determination of the optimum harvest time and fibre quality of Kenaf crops at field conditions	2015	Supervised
76	Comparative study of yield and yield parameters of BJRI and exotic tossa jute.	2015	Supervised
77	Production of truth fully label seed (TLS) of JAF crops and distribution among the farmers for fibre and seed production.	2015	As Co-investigator
78	Jute seed production at farmers' level under the programme of "Nizer Beez Nizey Koree"	2016	As Co-investigator
79	Collection, isolation and properties analysis of microbes from various natural sources.	2016,2017	As Co-investigator
80	Studies on retting periods and fibre properties of pre – released jute varieties of jute and kenaf	2016,2017	As Principal investigator
81	Comparative study on fibre properties of jute and kenaf	2016	As Co-investigator
82	Study the decortications efficiency of power operated jute ribboner	2016	As Co-investigator
83	Demonstration and on-farm training on jute auto power ribboner, improved jute retting technologies and fibre grading technique for the jute growers.	2016	As Principal investigator
84	Collection of retting effluents from different jute growing districts and study of their retting properties.	2017	As Co-investigator
85	Upgradation of jute auto power ribboner and determination of its decortications efficiency.	2017	As Principal investigator
86	Impact of optimum field duration of jute crop in ribbon retting in respect of its technical and economic viability.	2017	As Principal investigator
87	Study the nutrient requirement of NPK and S on advance <i>C.olotorius</i> breeding line O-0411-10-4	2018	As Principal investigator
88	Influence of nutrients NPK and S on advance breeding line O-043-7-9	2018	Supervised
89	Influence of nutrients NPK and S on advance <i>C.olotorius</i> breeding line O-0412-9-4	2018	Supervised
90	Effect of NPK and S on kenaf breeding line KBL 51	2018,2019	As Principal investigator
91	Study the nutrient requirement of NPK and S on advance <i>deshi jute</i> breeding line BJC-5050	2018,2019	Supervised
92	Effect of sowing date on fibre yield and yield attributes of advanced breeding line O-0412-9-4 and O-043-7-9 of tossa jute	2019	Supervised
93	Effect of field duration on yield and quality of tossa jute varieties at different AEZ	2019	Supervised

SL. NO.	Name of the Research Programme Developed and executed	Developing and executing Year	Association
94	Study the effect of weedicide samples for cultivation of jute in field condition	2019	As Co-investigator
95	Effect of weeding and herbicide management on fibre yield and yield attributes of Tossa jute	2019	As Co-investigator
96	Effect of Sowing Date On Fibre Yield And Yield Attributes Of Highly Salt Tolerant Advanced Breeding Line C-12221	2019	Supervised
97	Effect of harvest age on fibre yield and yield contributing characters of highly salt tolerant advanced breeding line C-12221	2019	Supervised
98	Dry matter partitioning of advance breeding line O-043-7-9	2019	Supervised
99	Assessment of jute seed quality produced in different regional and sub-stations of BJRI	2019	Supervised
100	Study on Kenaf seed crop growth, yield and quality potentials as affected by sowing times and locations of Bangladesh	2019	Supervised
101	Response of advanced Olitorius breeding line of O-0512-6-2 to NPK and S fertilization.	2019	Supervised
102	Influence of foliar and soil applications of zinc on late jute seed production	2019	Supervised

ANNEXURE-6

List of Research Project Developed and Executed-31

Project No.	Name of Project	Developing and conducting Year	Association
Project-1	Updating of fertilizer recommendation for tossa and white jute under major AEZ of Bangladesh.	1997, 1998, 1999, 2000, 2001	As Co-investigator
Project-2	Updating of fertilizer recommendation of seed production of jute kenaf and mesta for different AEZ.	1998, 1999, 2000, 2001	As Co-investigator
Project-3	New Fertilizer for jute cultivation	1998, 1999, 2000	As Co-investigator
Project-4	Management of organic matter for bast fibre crop production	1998, 1999, 2000, 2001, 2004, 2005,	As Co-investigator
Project-5	Integrated soil fertility and fertilizer management in jute based cropping Systems.	1998, 1999, 2000, 2001, 2004	As Co-investigator
Project-6	Efficient waste management in checking soil diseases and pollution.	1998, 1999, 2000, 2001, 2004, 2006	As Co-investigator
Project-7	Environment Assessment of Jute Agriculture	1999	As Co-investigator
Project-8	Nutrient survey of different jute growing areas under different AEZ.	2000, 2001	As Co-investigator
Project-9	Management of problem soil for jute kenaf and mesta cultivation.	2001, 2004, 2005, 2006,	As Co-investigator
Project-10	Fertilizer recommendation for new varieties of bast fibre crop production under major AEZ of Bangladesh.	2004, 2005, 2006, 2007, 2010	As Co-investigator
Project-11	Fertilizer recommendation for seed production of bast fibre crop under different AEZ of Bangladesh	2004, 2005, 2007,	As Co-investigator
Project-12	Soil properties and yield of jute and allied fibres as influenced by management of crop and organic matter.	2006,	As Co-investigator
Project-13	Technology transfer of soil and fertilizer management.	2006,	As Principal investigator
Project-14	Yield, quality and shelf-life of jute seed as influenced by potassium and boron.	2006, 2007, 2008, 2009	As Principal investigator
Project-15	Survey of pests and diseases of jute and allied fibre crops	2011	As Principal investigator
Project-16	Dissemination of pest management technologies of jute, kenaf and mesta	2011	As Principal investigator
Project-17	Studies on jute, kenaf and mesta seed physiology	2012	As Co-investigator
Project-18	Studies on growth analysis of promising strains and varieties	2013, 2014, 2015	As Principal investigator
Project-19	Studies on the adaptability and suitability of germplasm for cultivation of jute in the marginal condition	2014, 2015	As Co-investigator

Project No.	Name of Project	Developing and conducting Year	Association
Project-20	Studies on jute seed physiology (Production and storage)	2014, 2015	As Co-investigator
Project-21	Region specific problems of JAF crops	2016	As Co-investigator
Project-22	Quality JAF seed production and distribution among the farmers'.	2016	As Co-investigator
Project-23	Development of quick retting technique for retting jute and JAF crops for production of good quality fibre.	2016, 2017, 2018	As Co-investigator
Project-24	Development of retting technologies for water scarce areas of Bangladesh	2016, 2018	As Co-investigator
Project-25	Dissemination of mature fibre quality improvement technologies of jute and allied fibre crops.	2016, 2017	As Principal investigator
Project-26	Development of ribboner and retting technologies for water scarce areas of Bangladesh	2017, 2018	As Principal investigator
Project-27	Evaluation of promising strains or varieties against seeding and harvesting time, population density etc.	2019	As Co-investigator
Project-28	Cost reduction through manipulation of Cultural practices	2019	As Co-investigator
Project-29	Varietal improvement of jute, kenaf and mesta on the basis of crop-soil environment relations	2019	As Co-investigator
Project-30	Fertilizer recommendation for new varieties of bast fibre crop production under major AEZ of Bangladesh.	2019	As Co-investigator
Project-31	Fertilizer recommendation for seed production of bast fibre crop under different AEZ of Bangladesh.	2020	As Co-investigator

ANNEXURE-7**No. of Management/Planning/training developed and executed: 13**

SL. No.	Name of Training Programs developed and executed	Training Duration	Number of Participants	Year of conduction
1	Jute Production Methods and impacts of jute cultivation on soil environment	01 day	50	1998
2	Jute seed production, harvest, processing and storage	02 days	50	2000
3	Fertilizer management of jute seed in different production methods	01 day	50	2005
4	Modern techniques for jute fibre and seed production	02 days	50	2006
5	Modern techniques of diseases management for jute and allied fibre production	01 day	50	2010
6	Fertilizer management for jute and kenaf fibre and seed production	01 day	50	2012
7	Modern techniques of jute seed production, processing and storage	01 day	50	2013
8	Jute seed production with winter vegetables	01 day	50	2014
9	Production and income of jute fibre and jute seed in different production methods in southern areas of Bangladesh.	01 day	50	2015
10	Jute seed production, quality and storage techniques.	01 day	50	2016
11	Jute retting low cost technologies for quality fibre production and fibre grading	02 days	50	2017
12	Dissemination of mature fibre quality improvement technologies of jute and allied fibre crops	02 days	100	2017
13	Fertilizer management for quality jute fibre and seed production	01 day	50	2018

