

Personal Data Sheet (PDS)

Principle Scientific Officer (PSO)

Jute research sub-station

Tarabo, Narayanganj

1.	Name	:	Dr. A S M Kamruzzaman
2.	Father's name	:	Md. Matiur Rahman
3.	Mother's name	:	Kohinoor Begum
4.	Husband's name (if applicable)	:	N/A
5.	Gender	:	Male
6.	Present Address	:	Principal Scientific Officer , Jute research sub-station, Tarabo, Narayanganj. E-mail address: asm_kzaman@hotmail.com
7.	Permanent Address	:	Vill.- Alekanda, P.O.-Barisal, P.S.- Barisal, District- Barisal, Bangladesh
8.	Date of birth and age	:	14/10/1978
9.	Age	:	45 years 0 months 19 days
10.	Educational Qualification	:	

Degree/Diploma/ Certificate	Class/Grade/Division	University/ Institute/ Board	Year
S.S.C	1 st Division	Jessore, Bangladesh	1994
H.S.C	2 nd Division	Jessore, Bangladesh	1996
B.Sc.Ag (hons.)	2 nd Class	Sher-e-Bangla Agricultural University, Bangladesh	2001
M.Sc.Ag (In Entomology)	1 st Class (GPA 3.67 out of 4)	Bangabandhu Sheikh Mujibur Rahaman Agricultural University, Bangladesh	2010
Ph.D	Agrobioscience (Molecular Biology)	Kobe University, Japan	2016
Diploma	Project Planning, Development and Management	National Academy for Planning and Development	2018

11. Field of Specialization:

- Applied Entomology (Collection, Identification and Preservation of insect; biology study of Jute Insect and mite)
- Molecular Entomology (Bio-technology)
- Research, Planning and Project Development

12. Training:

(a) In Country:

Sl.	Name of Programme	Year	Duration		Organization
			Mos.	Days	
1.	Annual Performance Agreement (APA)	2021	-	1	BJRI, Dhaka
2.	Public Procurement Procedures (Goods, Works & Services)	2020	-	2	BJRI, Dhaka

Sl.	Name of Programme	Year	Duration		Organization
			Mos.	Days	
3.	Modern office Management	2020	-	2	BJRI, Dhaka
4.	তথ্য অধিকার আইন	2020	-	1	BJRI, Dhaka
5.	E-filing	2020	-	1	BJRI, Dhaka
6.	Technical Report Writing and Editing	2020	-	5	BARC, Dhaka
7.	Project Management Information System (PMIS) of IMED	2020	-	2	BIM, Dhaka
8.	E-filing	2020	-	2	BJRI, Dhaka
9.	Modern Office Management	2019	-	2	BJRI, Dhaka
10.	জাতীয় শুদ্ধাচার কৌশল	2019	-	1	BJRI, Dhaka
11.	Financial and Procurement Management	2019	-	6	BARC, Dhaka
12.	Jute Textile Product Research and Development	2019	-	1	BJRI, Dhaka
13.	Jute Industrial Product Research and Development	2019	-	1	BJRI, Dhaka
14.	জাতীয় শুদ্ধাচার কৌশল বাস্তবায়ন	2019	-	1	BJRI, Dhaka
15.	Principles and Application of GIS in Agriculture Planning and Decision Making	2019	-	4	BARC, Dhaka
16.	Innovation in Public Service	2019	-	2	BJRI, Dhaka
17.	Project Development & Management	2018	-	5	BIM, Dhaka
18.	Research Methodology	2018	-	3	BJRI, Dhaka
19.	Data Analysis by Micro-Computer	2018	-	3	BJRI, Dhaka
20.	Agricultural Project Management	2018	-	3	BJRI, Dhaka
21.	Technical Report Writing and Editing	2018	-	3	BJRI, Dhaka
22.	Training of Trainers for the Dissemination of Agricultural Technologies on Jute	2018	-	3	BJRI, Dhaka
23.	Administrative and Financial Management	2018	-	3	BJRI, Dhaka
24.	Communication Skills in Agriculture	2018	-	3	BARC, Dhaka
25.	Procurement of Goods, Works and Services	2017	-	3	BJRI, Dhaka
26.	Food Based Nutrition	2017	-	5	BIRTAN, Dhaka
27.	Modern Office Management	2016	-	4	NATA, Gazipur
28.	Seed health	2013	-	2	SPC, BAU, Mymensingh
29.	Identification of Major Diseases and Insect-Pest of Important Crops and their Management	2013	-	5	BARI, Gazipur
30.	Application Software's for Agricultural Research and Development	2012	-	12	BARI, Gazipur
31.	On-Farm Research Methodology	2012	-	6	BARI, Gazipur
32.	Technical Report Writing and Editing Course	2012	-	4	BJRI, Dhaka
33.	Use of Fertilizer Inspection Manual	2011	-	4	BARC, Dhaka
34.	Research Methodology	2010	-	13	GTI, BAU, Mymensingh
35.	Modern jute and kenaf seed production and storage technology	2008	-	2	JAES, Manikganj, BJRI

Sl.	Name of Programme	Year	Duration		Organization
			Mos.	Days	
36.	Foundation Training Course for NARS Scientists	2007	4	0	BARD, Comilla
37.	Rural Development and Poverty Alleviation	2007	-	5	BRDTI, Sylhet
38.	Advance Computer Training Program	2006	-	30	EADS, Dhaka
39.	Orientation –Cum- Technology Transfer Training Workshop	2005	-	6	BJRI, Dhaka
40.	National Workshop on WTO Notification Requirements	2019	-	2	Ministry of Commerce, Bangladesh
41.	Workshop on Innovation Project Design	2019	-	2	KIB, Dhaka

(b) Abroad:

Country	Year	Duration		Name of Programme
		Mos.	Days	
Bhutan	2018	-	4	Diploma in Project Planning, Development and Management (DPPDM)

(13) Experience:

Position	Period		
	From	To	Total Yr/Mo
Scientific Officer	01/11/2004	23/04/2012	7 years 5 months & 23days
Senior Scientific Officer (CC)	24/04/2012	23/11/2015	3 years 7 months & 0 days
Senior Scientific Officer	24/11/2015	Till today	5 year 4 months & 19 days
MS in Entomology, Bangabandhu Sheikh Mujibur Rahaman Agricultural University, Bangladesh	30/06/2008	29/12/2009	1 year 6 months & 0 days
Doctoral Study, Kobe University, Japan	01/10/2013	30/09/2016	3 years 0 months & 0 days
Diploma in Project Planning, Development and Management	24/09/2017	21/04/2018	0 year 6 months & 28 days
Monitoring and Evaluation Officer ("Establishment of Jute Research Sub-Station and strengthening of research activities at Madarganj of Jamalpur district" Project)	18/12/2018	30/06/2022	4 years 6 months & 13 days
Principal Scientific Officer	05/12/2022	Till today	0 year 10 months & 4 days

(14) List of publications.

(a) Paper Published in the Reputed International Journal (Nos. 9)

Full paper as Principal Author:

1. **Kamruzzaman A.S.M.**, Susumu Hiragaki, Yasuhiko Watari, Takashi Natsukawa, Akie Yasuhara, Naoyuki Ichihara, Amr A. Mohamed, Azza M. Elgendy and Makio Takeda.2021. Clock-controlled arylalkylamine *N*-acetyltransferase (*aaNAT*) regulates circadian rhythms of locomotor activity in the American cockroach, *Periplaneta americana*, via melatonin/MT2- like receptor. J Pineal Res. 11(3):155. **(Impact factor: 14)**
2. **Kamruzzaman A.S.M.**, Azam Mikani, Amr A. Mohamed, Azza M. Elgendy and Makio Takeda.2020. Crosstalk among Indoleamines, Neuropeptides and JH/20E in Regulation of Reproduction in the American Cockroach, *Periplaneta americana*. Insects. 11(3):155. **(Impact factor: 2.22)**
3. **Kamruzzaman A.S.M.**, Hironobu Asano, Susumu Hiragaki and Makio Takeda.2016. Indoleamines regulate vitellogenesis via cross-talks with allatotrophe in the American cockroach, *Periplaneta americana*. International Journal of Advanced Research. 4 (7): 487-497. **(Impact factor: 0.07)**
4. **Kamruzzaman, A.S.M.**, M. Z. Alam and M. R. U. Miah. 2014. Impact of weather factors on seasonal abundance and population dynamics of Yellow mite, *Polyphagotarsonemus latus* (Banks) on different varieties of jute, *Corchorus olitorius* L. under net house condition. Munis Entomology & Zoology. 9 (1): 457-467. **(Impact factor: 0.09)**
5. **Kamruzzaman, A.S.M.**, M. Z. Alam, M. R. U. Miah and Shafiquzzaman Siddiquee. 2013. Impact of yellow mite (*Polyphagotarsonemus latus* [Banks]) density on host's (*Corchorus capsularis* L.) phenology and assessment of yield loss under field conditions. Entomological Research. 43:243-252. **(Impact factor: 0.81)**
6. **Kamruzzaman, A.S.M.**, M. Z. Alam and M. R. U. Miah. 2013. Bionomics and fertility life table of the yellow mite, *Polyphagotarsonemus latus* (Banks) (Acari: Tarsonemidae) in jute (*Corchorus olitorius* L.) at different temperature-humidity. Munis Entomology & Zoology. 8 (1): 223-235. **(Impact factor: 0.09)**
7. **Kamruzzaman, A.S.M.**, M. Z. Alam and M. R. U. Miah. 2013. Effect of yellow mite, *Polyphagotarsonemus latus* (banks) density on hosts (*Corchorus olitorius* L.) phenology and assessment of yield loss under net house condition. African Journal of Agricultural Research. 8(4): 380-385. **(Impact factor: 0.51)**
8. **Kamruzzaman, A.S.M.**, M. Z. Alam and M. R. U. Miah. 2013. Impact of jute yellow mite, *Polyphagotarsonemus latus* (Banks) density on hosts (*Corchorus olitorius* L.) phenology and assessment of yield loss under field condition. Munis Entomology & Zoology. 8 (1): 361-368. **(Impact factor: 0.09)**
9. **Kamruzzaman, A.S.M.**, M. Z. Alam and M. R. U. Miah. 2013. Effect of yellow mite, *Polyphagotarsonemus latus* (Banks) density on hosts (*Corchorus capsularis* L.) phenology and assessment of yield loss under net house condition. Munis Entomology & Zoology. 8(2): 704-711. **(Impact factor: 0.09)**

(b) Other International & National Journal (Nos. 18)

10. **Kamruzzaman, A.S.M.**, M. Z. Alam, M. R. U. Miah and M. M. Hossain.2012. Host preference of phytophagous yellow mite among different *Corchorus capsularis* L. Varieties of jute. Int. J. Sustain. Agril. Tech. 8(7): 34-37.

11. **Kamruzzaman, A.S.M.**, M. Z. Alam, M. R. U. Miah and M. M. Hossain.2012. Host preference of phytophagous yellow mite among different *Corchorus olitorius* L. Varieties of jute. Int. J. Sustain. Agril. Tech.8(8): 52-55.
12. **Kamruzzaman, A.S.M.**, H. Banu, M.N. Islam, M.S. Polan and S.M.A. Haque. 2007. Effect of biotic and abiotic factors on quality of mustard seeds (Tori-7) stored in different containers. Int. J. Sustain. Agril. Tech.3(5): 26-29.

Full paper as Co- Author:

13. Banu, H., K. Sultana, M.N. Islam, M.S. Polan and **A.S.M. Kamruzzaman**. 2007. Evaluation of some acaricides for controlling jute yellow mite *Polyphagotarsonemus latus* (Bank). Int. J. Sustain. Agril. Tech. 3(5):15-17.
14. Banu, H., M.N. Islam, **A.S.M. Kamruzzaman**, M.S. Polan and S.M.A. Haque. 2007. Effect of turmeric powder and garlic paste extract against jute yellow mite, *Polyphagotarsonemus latus* (Banks). Int. J. Sustain. Agril. Tech. 3(5): 23-25.
15. Banu, H., Islam, M.N. Islam, S.M.A. Haque, **A.S.M. Kamruzzaman** and M.S. Polan. 2007. Effectiveness of some insecticides against jute hairy caterpillar, *Spilarctia oblique* Walker. Int. J. Sustain. Agril. Tech. 3(5): 30-32.
16. Banu, H., K. Sultana, M.N. Islam, M.S. Polan and **A.S.M. Kamruzzaman** 2007. Comparative study of non-chemical approach and chemical pesticides for the management of jute pests. Int. J. Sustain. Agril. Tech. 3(5): 37-40.
17. Hossain, M.I., M.A. Rahman, M.A. Hoque, M.M. Rashid and **A.S.M.Kamruzzaman**. 2006. Use of nutrients on raised beds for increasing rice production in rice-wheat cropping systems. J. Subtrop. Agric. Res. Des. 4 (2, 3 & 4): 176-179
18. Syeda Farah Deeba, M. Afruza Begum, B. Ahmed, M.S.H. Khan and **A.S.M. Kamruzzaman**. 2009. Effect of sowing dates on the prevalence of *Tomato Purple vein Virus* (TPPV) and it's impact on growth contributing characters of tomato. Int. J. Sustain. Agril. Tech. 5(5): 89-95.
19. Syeda Farah Deeba, M. Afruza Begum, M.S.H. Khan, **A.S.M. Kamruzzaman** and B. Ahmed. 2009. Impact of sowing dates on the prevalence of *Tomato Purple vein Virus* (TPPV) and it's effect on yield of tomato. Int. J. Sustain. Agril. Tech. 5(5): 57-63.
20. Syeda Farah Deeba, M. Afruza Begum, **A.S.M. Kamruzzaman**, B. Ahmed and M.S.H. Khan. 2009. Effect of raising seedlings under netting and spraying insecticide on the prevalence of *Tomato Purple vein Virus* (TPPV) and it's impact on growth of tomato. Int. J. Sustain. Agril. Tech. 5(5): 78-84.
21. Afruza Begum, M., Md. Mahabub Ali, B. Ahmed, B. Ahmed, M. S. H. Khan and **A.S.M. Kamruzzaman**.2009. Effect of raising seedlings under netting and spraying insecticide on the prevalence of *Tomato Purple Vein Virus* (TPVV) and relationship between TPVV and yield of tomato. Int. J. Sustain. Agril. Tech. 5(6): 38-44.
22. Islam,M.N., M.S.I. Bhuiyan, H. Banu, S. M.A Haque and **A.S.M. Kamruzzaman**.2009. Effect of neem products on natural enemies of jute yellow mite and red mite. Int. J. Sustain. Agril. Tech. 5(8): 51-57.
23. Islam,M.N., H. Banu, M.S. Polan, **A.S.M. Kamruzzaman** and Q.M.M. Hossain.2010. Effectiveness of some neem products on yellow mite, *Polyphagotarsonemus latus* (Bank) and red mite, *Tetranychus biculatus* (Wood-Mason) and their impact on jute seed quality. Eco-friendly Agril.J.3(3): 134-138.
24. Islam,M.N., H. Banu, M.S. Polan, **A.S.M. Kamruzzaman** and S. M.A Haque .2009. Field screening of some promising lines of jute (*Corchorus* sp.) against jute stem weevil (*Apion corchori* Marsh). Bangladesh Journal of Jute and Fibre Research.29(1-2): 77-81.
25. Rafiqul Islam, Md., **A. S. M. Kamruzzaman**, Mahmud Al Hossain, Q. A. Rahman and Md. Gofran.2012. The effect of stem rot and anthracnose disease on the infection of fruit and seed of kenaf (*Hibicus cannabinus*). Int. J. Sustain. Agril. Tech. 8(7): 31-33.

26. Rafiqul Islam, Md., **A. S. M. Kamruzzaman**, Md. Harun-or-Rashid, Mahmud Al Hossain and M. S. I. Pahlowan. 2012. Study of incidence of disease in kenaf (*Hibiscus cannabinus*) and mesta (*Hibiscus sabdariffa*) germplasm and their resistant/ tolerant reactions against diseases. Int. J. Sustain. Agril. Tech. 8(8): 13-17.
27. Yahiya, A.S.M., M.G. Mostofa, M.J. Alam, **A. S. M. Kamruzzaman** and A.K. Mollah. 2012. Seed and seedling quality of onion (*Allium cepa* L.) as affected by types of storage containers. J. Expt. Biosci. 3(2): 19-24.

Books:

1. এ এস এম কামরুজ্জামান এবং মোঃ রফিকুল ইসলাম, ২০১২। “পাট কেনাফ মেষ্টার ক্ষতিকারক পোকামাকড় ও নিয়ন্ত্রণ”। কলেজগেট বাইন্ডিং এন্ড প্রিন্টিং প্রেস, ঢাকা।
2. মোঃ রফিকুল ইসলাম এবং এ এস এম কামরুজ্জামান, ২০১২। “পাট কেনাফ মেষ্টার রোগ ও নিয়ন্ত্রণ”। কলেজগেট বাইন্ডিং এন্ড প্রিন্টিং প্রেস, ঢাকা।
3. জান্নাতুল ফেরদৌস, এ এস এম কামরুজ্জামান, মাহমুদ আল হোসেন, মোঃ আব্দুল আলীম এবং মোঃ মাহবুবুল ইসলাম, ২০২১। “পাট ও পাট জাতীয় আঁশ ও বীজ চাষে বছর ব্যাপী মাঠে করণীয়”। কলেজগেট বাইন্ডিং এন্ড প্রিন্টিং, কলেজগেট, ঢাকা।
4. এ এস এম কামরুজ্জামান, মাহমুদ আল হোসেন এবং মোঃ মাহবুবুল ইসলাম, ২০২১। “বিজেআরআই-এর বিভিন্ন উইং-এর উদ্দেশ্যাবলী”। লেটার প্রেস, কাটাবন, ঢাকা।

Bulletins:

1. **A.S.M. Kamruzzaman**. 2013. Important insect and mite pests of jute kenaf mesta in Bangladesh. 2(5): 51-53.
2. মাহমুদ আল হোসেন এবং এ এস এম কামরুজ্জামান, ২০২০। প্রকল্প পরিচিতি “জামালপুর জেলার মাদারগঞ্জে পাট গবেষণা উপকেন্দ্র স্থাপন এবং গবেষণা কার্যক্রম জোরদারকরণ” প্রকল্প। লেটার প্রেস, ঢাকা।

Abstract submitted in symposium:

1. Integration of midgut-fat body-gonadal axis in *Periplaneta americana*: Monoamine and peptid regulation.

(15) Research achievement

(i) No. of Technology developed: 8

SL. NO.	Name of technology	Year of Published	Present status of adoption
1.	“নিম্ন বীজের নির্ধারিত দিয়ে পাটের হলুদ মাকড় দমন” প্রযুক্তি	2021	Mature technology
2.	“মেহগনি বীজের নির্ধারিত দিয়ে পাটের হলুদ মাকড় দমন” প্রযুক্তি	2021	Mature technology
3.	“পাটের ঘোড়া পোকাকার আক্রমণ এবং সমন্বিত দমন ব্যবস্থাপনা” প্রযুক্তি	2021	Mature technology
4.	“চরাঞ্চলে শীতকালীন মসলাজাতীয় ফসল (মরিচ) এর সাথে নাবী পাট বীজ উৎপাদন” প্রযুক্তি	2021	Mature technology
5.	“চরাঞ্চলে শীতকালীন সবজি (বেগুন) এর সাথে নাবী পাট বীজ উৎপাদন” প্রযুক্তি	2021	Mature technology
6.	“দেশী পাট বীজের নির্ধারিত দিয়ে পাটের হলুদ মাকড় দমন” প্রযুক্তি	2022	Mature technology
7.	“স্পেন্ট টি (ব্যবহৃত চা পাতি) দ্বারা পাটের হলুদ মাকড় দমন” প্রযুক্তি	2022	Mature technology
8.	“চরাঞ্চলে শীতকালীন সবজি (মুলা) এর সাথে নাবী পাট বীজ উৎপাদন” প্রযুক্তি	2022	Mature technology

ii) No. of Research program

(a) Developed: **49**

Program 1: Investigation on the pest's (insect and mite) reactions on different promising lines of jute	BJRI Technical programme 2005-06
Program 2: Field evaluation of plant materials against yellow mite	BJRI Technical programme 2005-06
Program 3: Screening of diversified germplasms of <i>Corchorus</i> spp. for resistance/tolerance to yellow mite	BJRI Technical programme 2005-06
Program 4: Bio-ecological studies of kenaf beetle, <i>Nisotra orbiculata</i> Motsch.	BJRI Technical programme 2005-06
Program 5: Field evaluation new chemical against yellow mite of jute	BJRI Technical programme 2005-06
Program 6: Study on the pest status of major jute and allied fibre pests (insects and diseases) in the experimental plots and farmers' fields in some jute growing regions of Bangladesh	BJRI Technical programme 2005-06
Program 7: Survey of jute and allied fibre pests	BJRI Technical programme 2006-07
Program 8: Studies on the pest infestation of promising lines in different locations	BJRI Technical programme 2006-07
Program 9: Study on insects and diseases of different jute based cropping pattern	BJRI Technical programme 2006-07
Program 10: Screening of jute for resistant to apion	BJRI Technical programme 2006-07
Program 11: Bio-ecological studies of kenaf beetle	BJRI Technical programme 2006-07
Program 12: Evaluation of new acaricides against yellow mite of jute	BJRI Technical programme 2006-07
Program 13: Evaluation of new insecticides against jute hairy caterpillar under field condition	BJRI Technical programme 2006-07
Program 14: Investigation on the pest's reactions on different promising lines of jute.	BJRI Technical programme 2007-08
Program 15: Screening of jute germplasm for resistance to yellow mite	BJRI Technical programme 2007-08
Program 16: Evaluation of new acaricides against jute yellow mite	BJRI Technical programme 2007-08
Program 17: Evaluation of new insecticides against jute hairy caterpillar under field condition.	BJRI Technical programme 2007-08
Program 18: Survey of pest of jute and allied fibre crops	BJRI Technical programme 2008-09
Program 19: Investigation on the reactions of different promising lines against major insect and mite pest of jute	BJRI Technical programme 2008-09
Program 20: Yield loss assessment of jute varieties due to yellow mite infestation	BJRI Technical programme 2008-09
Program 21: Screening of jute germplasm for resistance against apion	BJRI Technical programme 2008-09
Program 22: Survey of pest and disease of jute and allied fibre crops	BJRI Technical programme 2009-10
Program 23: Training on management approaches of newly appeared pests and diseases of jute kenaf mesta	BJRI Technical programme 2009-10
Program 24: Screening of jute germplasm for resistance/tolerance	BJRI Technical

against yellow mite	programme 2010-11
Program 25: Screening of Kenaf and Mesta germplasm for resistance against spiral borer and mealy bug	BJRI Technical programme 2010-11
Program 26: Effect of new acaricides on jute yellow mite under field condition	BJRI Technical programme 2010-11
Program 27: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Technical programme 2010-11
Program 28: Survey of pest and diseases of jute and allied fibre crops	BJRI Technical programme 2010-11
Program 29: Screening of jute germplasm for resistance/tolerance against yellow mite	BJRI Technical programme 2011-12
Program 30: Screening of Kenaf and Mesta germplasm for resistance against spiral borer and mealy bug	BJRI Technical programme 2011-12
Program 31: Effect of new acaricides on jute yellow mite under field condition	BJRI Technical programme 2011-12
Program 32: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Technical programme 2011-12
Program 33: Determination of pesticide residues in jute fibre at different interval after spraying	BJRI Technical programme 2011-12
Program 34: Survey of pest and diseases of jute and allied fibre crops	BJRI Technical programme 2011-12
Program 35: Studies on the pest infestations of promising lines in different locations	BJRI Technical programme 2012-13
Program 36: Effect of selected plant materials against jute yellow mite	BJRI Technical programme 2012-13
Program 37: Screening of jute germplasm for resistance/tolerance against yellow mite	BJRI Technical programme 2012-13
Program 38: Screening of Kenaf and Mesta germplasm for resistance against spiral borer and mealy bug	BJRI Technical programme 2012-13
Program 39: Effect of new acaricides on jute yellow mite under field condition	BJRI Technical programme 2012-13
Program 40: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Technical programme 2012-13
Program 41: Survey of insect and mite pest of jute and allied fibre crops	BJRI Technical programme 2012-13
Program 42: Studies on the pest infestations of promising lines in different locations	BJRI Technical programme 2013-14
Program 43: Effect of selected plant materials against jute yellow mite	BJRI Technical programme 2013-14
Program 44: Screening of jute germplasm for resistance/tolerance against yellow mite	BJRI Technical programme 2013-14
Program 45: Screening of Kenaf and Mesta germplasm for resistance against spiral borer and mealy bug	BJRI Technical programme 2013-14
Program 46: Bio-ecological studies of the Spiral borer, <i>Agrius acutus</i> Thumb.	BJRI Technical programme 2013-14
Program 47: Effect of new acaricides on jute yellow mite under field condition	BJRI Technical programme 2013-14
Program 48: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Technical programme 2013-14
Program 49: Survey of insect and mite pest of jute and allied fibre crops	BJRI Technical programme 2013-14

(b) Supervised: 32

Program 1: Investigation on the pest's reactions on different promising lines of jute	BJRI Annual Report 2006-07
Program 2: Field evaluation of plant materials against yellow mite	BJRI Annual Report 2006-07
Program 3: Evaluation of new chemicals against yellow mite under natural condition	BJRI Annual Report 2006-07
Program 4: Evaluation new chemical against jute hairy caterpillar	BJRI Annual Report 2006-07
Program 5: Study on the status of major jute and allied fibre pests (insects and diseases) in experimental plots and farmers' field in some jute growing regions of Bangladesh	BJRI Annual Report 2006-07
Program 6: Studies on the pest infestations of promising lines in different locations	BJRI Annual Report 2007-08
Program 7: Screening of jute for resistant to apion	BJRI Annual Report 2007-08
Program 8: Evaluation of new acaricides against yellow mite of jute	BJRI Annual Report 2007-08
Program 9: Evaluation of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2007-08
Program 10: Studies on the status of major jute and allied fibre pests (insect & mite) in experimental plots and farmers field in some jute growing regions of Bangladesh	BJRI Annual Report 2007-08
Program 11: Investigation on the pest reactions on different promising lines	BJRI Annual Report 2008-09
Program 12: Screening of diversified germplasm of jute for resistance to yellow mite	BJRI Annual Report 2008-09
Program 13: Evaluation of new acaricides against jute yellow mite	BJRI Annual Report 2008-09
Program 14: Evaluation of new insecticides against jute hairy caterpillar under field condition.	BJRI Annual Report 2008-09
Program 15: Studies on the status of major jute and allied fibre pests (insect & mite) in experimental plots and farmers field in some jute growing regions of Bangladesh	BJRI Annual Report 2008-09
Program 16: Bio-ecological studies of cutworm	BJRI Annual Report 2009-10
Program 17: Bio-ecological studies of Indigo caterpillar	BJRI Annual Report 2009-10
Program 18: Effect of new acaricides on jute against yellow mite under field condition	BJRI Annual Report 2010-10
Program 19: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2010-10
Program 20: Survey of pest of jute and allied fibre crops	BJRI Annual Report 2010-10
Program 21: Screening of jute germplasms for resistance/tolerance against yellow mite	BJRI Annual Report 2011-12
Program 22: Screening of Kenaf and Mesta germplasm for resistance against spiral borer and mealy bug	BJRI Annual Report 2011-12
Program 23: Effect of new acaricides on jute against yellow mite under field condition	BJRI Annual Report 2011-12
Program 24: Effect of new insecticides against jute hairy caterpillar	BJRI Annual Report

under field condition	2011-12
Program 25: Determination of pesticide residues in jute fibre at different interval after spraying	BJRI Annual Report 2011-12
Program 26: Survey of insect and mite pest of jute and allied fibre crops	BJRI Annual Report 2011-12
Program 27: Studies on the pest infestations of promising lines in different locations	BJRI Annual Report 2012-13
Program 28: Screening of jute germplasm for resistance/tolerance against yellow mite	BJRI Annual Report 2012-13
Program 29: Screening of Kenaf and Mesta germplasm for resistance/tolerance against spiral borer and mealy bug	BJRI Annual Report 2012-13
Program 30: Effect of new acaricides on jute yellow mite under field condition	BJRI Annual Report 2012-13
Program 31: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2012-13
Program 32: Survey of insect and mite pest of jute and allied fibre crops	BJRI Annual Report 2012-13

(c) Executed: **32**

Program 1: Investigation on the pest's reactions on different promising lines of jute	BJRI Annual Report 2006-07
Program 2: Field evaluation of plant materials against yellow mite	BJRI Annual Report 2006-07
Program 3: Evaluation of new chemicals against yellow mite under natural condition	BJRI Annual Report 2006-07
Program 4: Evaluation new chemical against jute hairy caterpillar	BJRI Annual Report 2006-07
Program 5: Study on the status of major jute and allied fibre pests (insects and diseases) in experimental plots and farmers' field in some jute growing regions of Bangladesh	BJRI Annual Report 2006-07
Program 6: Studies on the pest infestations of promising lines in different locations	BJRI Annual Report 2007-08
Program 7: Screening of jute for resistant to apion	BJRI Annual Report 2007-08
Program 8: Evaluation of new acaricides against yellow mite of jute	BJRI Annual Report 2007-08
Program 9: Evaluation of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2007-08
Program 10: Studies on the status of major jute and allied fibre pests (insect & mite) in experimental plots and farmers field in some jute growing regions of Bangladesh	BJRI Annual Report 2007-08
Program 11: Investigation on the pest reactions on different promising lines	BJRI Annual Report 2008-09
Program 12: Screening of diversified germplasm of jute for resistance to yellow mite	BJRI Annual Report 2008-09
Program 13: Evaluation of new acaricides against jute yellow mite	BJRI Annual Report 2008-09
Program 14: Evaluation of new insecticides against jute hairy caterpillar under field condition.	BJRI Annual Report 2008-09
Program 15: Studies on the status of major jute and allied fibre pests (insect & mite) in experimental plots and farmers field in some jute	BJRI Annual Report 2008-09

growing regions of Bangladesh	
Bioecology of jute yellow mite, <i>Polyphagotarsonemus latus</i> (banks) (arachnida: acari: tarsonemidae) and screening of some jute varieties against this mite	MS Thesis 2008-2009
Program 16: Bio-ecological studies of cutworm	BJRI Annual Report 2009-10
Program 17: Bio-ecological studies of Indigo caterpillar	BJRI Annual Report 2009-10
Program 18: Effect of new acaricides on jute against yellow mite under field condition	BJRI Annual Report 2010-10
Program 19: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2010-10
Program 20: Survey of pest of jute and allied fibre crops	BJRI Annual Report 2010-10
Program 21: Screening of jute germplasms for resistance/tolerance against yellow mite	BJRI Annual Report 2011-12
Program 22: Screening of Kenaf and Mesta germplasm for resistance against spiral borer and mealy bug	BJRI Annual Report 2011-12
Program 23: Effect of new acaricides on jute against yellow mite under field condition	BJRI Annual Report 2011-12
Program 24: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2011-12
Program 25: Determination of pesticide residues in jute fibre at different interval after spraying	BJRI Annual Report 2011-12
Program 26: Survey of insect and mite pest of jute and allied fibre crops	BJRI Annual Report 2011-12
Program 27: Studies on the pest infestations of promising lines in different locations	BJRI Annual Report 2012-13
Program 28: Screening of jute germplasm for resistance/tolerance against yellow mite	BJRI Annual Report 2012-13
Program 29: Screening of Kenaf and Mesta germplasm for resistance/tolerance against spiral borer and mealy bug	BJRI Annual Report 2012-13
Program 30: Effect of new acaricides on jute yellow mite under field condition	BJRI Annual Report 2012-13
Program 31: Effect of new insecticides against jute hairy caterpillar under field condition	BJRI Annual Report 2012-13
Program 32: Survey of insect and mite pest of jute and allied fibre crops	BJRI Annual Report 2012-13
Indoleamines neuropeptides and JH/20E axes in the regulation of behaviour and reproduction in the American cockroach, <i>Periplaneta americana</i> and their cross-talks	P.hD Thesis 2013-16
Padma Bridge Resettlement: It's Socio-economic Impact on Settlers	Diploma Research paper 2017-18

iii) Planning Activities:

- Formulation of research and development plan of the organization.
- Formulating development projects and research programs.
- Linkage to research and extension work.
- Preparation of all reports as per the needs of the Ministry and BARC.
- Collaboration in formulation of national plans.
- Adoption of plans to ensure accountability of government activities.
- Exchange of research related information with domestic/foreign institutes.

(16) Outstanding achievement

Sl.No.	Outstanding Contributions
1.	Diploma in Project Planning, Development and Management and completed Diploma in 2018.
2.	Award Received: Awarded MEXT scholarship During PhD from Japanese Government and completed PhD in 2016.
3.	Award Received: Awarded scholarship During MS (Entomology) from Bangladesh Government and completed MS (Entomology) in 2010.
4.	Award Received: Awarded From IBD-BISEW IT Scholarship on “Computer Fundamentals”
5.	Varietal Development Research: waterlogging Tolerant Jute Variety for the use of the Char land areas of Bangladesh. (in 2019, 2020 and 2021).
6.	Published Book 1: About “পাট কেনাফ মেসার ক্ষতিকারক পোকামাকড় ও নিয়ন্ত্রণ”. July 2012. As a Main Author.
7.	Published Book 2: About “পাট কেনাফ মেসার রোগ ও নিয়ন্ত্রণ”. July 2012. As a Co-Author.
8.	Published Book 3: About “পাট ও পাট জাতীয় আঁশ ও বীজ চাষে বছর ব্যাপী মাঠে করণীয়”. April 2021. As a Co-Author.
9.	Published Book 4: About “বিজেআরআই-এর বিভিন্ন উইং-এর উদ্দেশ্যাবলী”. April 2021. As a Main Author.
10.	প্রযুক্তি উদ্ভাবক “নিম্ন বীজের নির্ধারিত দিয়ে পাটের হলুদ মাকড় দমন” প্রযুক্তি, 2021
11.	প্রযুক্তি উদ্ভাবক “মেহগনি বীজের নির্ধারিত দিয়ে পাটের হলুদ মাকড় দমন” প্রযুক্তি, 2021
12.	প্রযুক্তি উদ্ভাবক “পাটের ঘোড়া পোকাকার আক্রমণ এবং সমন্বিত দমন ব্যবস্থাপনা” প্রযুক্তি, 2021
13.	প্রযুক্তি উদ্ভাবক “চরাঞ্চলে শীতকালীন মসলাজাতীয় ফসল (মরিচ) এর সাথে নাবী পাট বীজ উৎপাদন” প্রযুক্তি, 2021
14.	প্রযুক্তি উদ্ভাবক “চরাঞ্চলে শীতকালীন সবজি (বেগুন) এর সাথে নাবী পাট বীজ উৎপাদন” প্রযুক্তি, 2021
15.	প্রযুক্তি উদ্ভাবক “দেশী পাট বীজের নির্ধারিত দিয়ে পাটের হলুদ মাকড় দমন” প্রযুক্তি, 2022
16.	প্রযুক্তি উদ্ভাবক “স্পেন্ট টি (ব্যবহৃত চা পাতা) দ্বারা পাটের হলুদ মাকড় দমন” প্রযুক্তি, 2022
17.	প্রযুক্তি উদ্ভাবক “চরাঞ্চলে শীতকালীন সবজি (মুলা) এর সাথে নাবী পাট বীজ উৎপাদন” প্রযুক্তি, 2022
18.	Act as Focal point and Member-secretary, Annual performance agreement (APA) of BJRI (BJRI achieved 5 th position in 2020-21)
19.	Former Alternate Focal point, National Integrity Strategy (NIS) of BJRI (BJRI achieved 6 th position in 2020-21)
20.	Act as Monitoring and Evaluation Officer, “Establishment of Jute Research Sub-Station and strengthening of research activities at Madarganj of Jamalpur district” Project (From 2018 to til to date)
21.	Post Graduate Certificate Course On “Seed Technology”
22.	Nominated as a Reviewer of “Development Review” of NAPD
23.	Responsible for the Preparation of Project Proposal of development project “জামালপুর জেলার মাদারগঞ্জে পাট গবেষণা উপকেন্দ্র স্থাপন এবং গবেষণা কার্যক্রম জোরদারকরণ” as Member-secretary, Development project preparation committee of BJRI
24.	Responsible for the Preparation of Project Proposal of development project “বাংলাদেশ

Sl.No.	Outstanding Contributions
	পাট গবেষণা ইনস্টিটিউট-এর গবেষণা এবং অবকাঠামো আধুনিকায়ন” as Member-secretary, Development project preparation committee of BJRI
25.	Responsible for the preparation of “Eight Five Year Plan” of BJRI
26.	Act as Focal point, Mid Term Budgetary Framework (MTBF) Preparation committee of BJRI
27.	Act as Member, Evaluation committee (TEC/PEC) of “Feasibility study on export competitiveness of agro-product and jute goods (ECAJ) of Bangladesh” project of Commerce Ministry



(Dr. A S M Kamruzzaman)

Principal Scientific Officer

Jute research sub-station

Tarabo, Narayanganj