

PDS (Personal Data Sheet) Format

1. Name : **SULTAN AHMMED**
2. Father's name : Mohammad Mozibor Rahman
3. Mother's name : Mst. Jamila Begum
4. Husband's name : Not applicable
5. Gender : Male
6. Present address : Senior Scientific Officer, Entomology Department, Pest Management Division, Bangladesh Jute Research Institute, Manik Mia Avenue, Dhaka-1207
7. Permanent address : Vill- Panchashi P.O. Panchashi, Upzila- Sarishabari, Dist.- Jamalpur
8. Date of birth : 28-10-1984
9. Age (as on 01-10-2023) : Age-38 Years 11 months and 03 days

10. Educational Qualification:

Degree/Diploma/Certificate	University/ Institute/ Board	Year	Class/Grade/Division
S.S.C.	Dhaka Board	2000	1 st Division
H.S.C.	Dhaka Board	2002	1 st Division
B.SC.Ag (Hons)	BAU	2008	1 st class(GPA:3.578 out of 4)
M. S in Plant pathology	BAU	2009	1 st class(GPA:3.891 out of 4)
Ph.D. in Entomology	UPM, Malaysia	2023	Passed

BAU = Bangladesh Agricultural University, Mymensingh

UPM = Universiti Putra Malaysia, Malaysia

(11) Field of Specialization: Insect and mite pest management of jute and allied fibre crops

(12) Training:

(a) In Country:

Organization	Year	Duration		Name of Programme
		Months	Days	
Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2009	-	13	MS Office-1(Operating System Windows, Computer Fundamentals, MS Word, MS PowerPoint and MS
Bangladesh Jute Research Institute (BJRI), Dhaka	2011	-	7	Orientation Programme on Research Management of Jute and Jute Products
Bangabandhu Sheikh Muzibur Rahman Agricultural University, Gazipur	2013	3	-	Post Graduate Certificate Course on Seed Technology
Bangladesh Academy for Rural Development (BARD), Comilla	2013-2014	4	-	Foundation Training
Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2014	-	13	Training on Research Methodology
Bangladesh Agricultural Research Council, Farm gate, Dhaka	2015	-	3	Forestry and agro-forestry technologies for professionals
Bangladesh Agricultural Research Council, Farm gate, Dhaka	2015	-	2	Phyto-sanitary Measures and Food Safety Issues in Bangladesh
Bangladesh Agriculture Research Institute (BARI), Gazipur	2015	-	3	Integrated Pest Management & Safe Use of Pesticides
Bangladesh Jute Research Institute (BJRI), Dhaka	2017	-	3	Procurement of Goods, Works and Services

Bangladesh Jute Research Institute (BJRI), Dhaka	2017	-	3	Training of Trainers for the Dissemination of Agricultural Technologies on Jute
Bangladesh Agriculture Research Institute (BARI), Gazipur	2018	-	5	Integrated Pest Management of Major crops
Bangladesh Agriculture Research Institute (BARI), Gazipur	2018	-	3	Technical Report Writing and Editing
Bangladesh Jute Research Institute (BJRI), Dhaka	2018	-	3	Data Analysis by Micro-computer
Bangladesh Jute Research Institute (BJRI), Dhaka	2018	-	3	Agricultural Project Management
Bangladesh Jute Research Institute (BJRI), Dhaka	2018	-	3	Research Methodology

BARD- Bangladesh Academic for Rural Development
 BARC- Bangladesh Agricultural Research Council
 BARI- Bangladesh Agricultural Research Institute
 BJRI- Bangladesh Jute Research Institute
 GTI - Graduate Training Institute

(b) Abroad: Not applicable

Organization	Year	Duration		Name of Programme
		Mos.	Days	

(13) Experience: 12 years 01 month 24 days

Position	From	To	Total Yr/Mo
S.O	07-08-2011	05-12-2020	08 year 03 month 08 days
S.S.O	06-12-2020	01-10-2023	02 year 10 month 25 days

(14) Publication:

(a)	Scientific Journal	No. of publication
	i) Full paper (a) Paper published in reputed International Journal Principal Author Co- author (b) Other national & International Journal Principal Author Co- author	16 02 14 05 09
	ii) Short communication Principal Author Co- author	Nil
(b)	Books/ Monographs / Bulletins/Leaflet/Popular article	01
	i) Books Principal Author Co- author	Nil
	ii) Monographs/ Popular Article Principal Author Co- author	01 01
	iii) Bulletins/Leaflet Principal Author Co- author	04 04
(c)	Seminar/ Workshops/Symposium Proceedings Seminar Workshops Symposium & Proceedings i) International/ National Principal Author Co- author	Nil

PUBLICATIONS

Total Scientific Paper : 16

As a main author : 06

As a co-author: 10

Scientific full paper in journal:

Full paper as Principal Author: 06

1. **Ahmed, S.**, Ahmad, M.U., Dey, P. Chowdhury, M.M.H. and Rahman, M.S. 2014. Comparative Study on Few Bio-Agents against Root-Knot (*Meloidogyne incognita*) of Brinjal. *Bangladesh J. Prog. Sci. Technol.*12(1):031-034.
2. **Ahmed, S.**, Maih, M.A.M., Rana, S., Salehin, K. M. and Haque, S. M. A. 2015. Temporal Variation in Seed Quality of Mustard(*Brassica sp.*) Seed Preserved in Different Containers. *Int. J. Sustain. Agril. Tech.* 11(1): 01-05.
3. **Ahmed, S.**, Kamrujjaman, M., Rahman, M. S., Rahman, M. T. and Haque, S. M. A. 2015. Effect of different Seed treating materials in controlling Jute Diseases. *Int. J. Sustain. Agril. Tech.* 11(1): 07-09.
4. **Ahmed, S.**, Islam, M.N., Polan, M.S., Rahman, M.T. and Tipu, S. 2017. Evaluation of New Spraying Acaricides against Jute Yellow Mite (*Polyphagotersonemus Latus*) Under Field Condition. *Int. J. Sustain. Agril. Tech.* 11(13): 08-13.
5. **Ahmed S**, Islam M N, Polan M S, Rahman M S and Rahman M T. 2019. Effectiveness of some chemical insecticides against jute hairy caterpillar, *spilosoma obliqua* walker, *International Journal of Sustainable Agricultural Technology*, 15(4): 01-05.<http://gscience.gurpukur.com/journalCategory/issue-4-april-2019/> or <https://www.researchgate.net/publication/339586483>
6. **Ahmed S.**, Lau W. H., Khadem A. G., Adam N. A., and Sinniah U. R. (2023). Evaluation of Fermented Plant Extracts as Bioinsecticides in Controlling *Phenacoccus solenopsis* colonies *Hibiscus rosa-sinensis*. *Tropical Journal of Agricultural Sciences*.

Full paper as Co- Author: 10 (Ten)

1. Islam, R., Gofran, M., Pahlowan, M.S.I., **Ahmed, S.** and Chowdhury, E.R. 2013. Study of some Promising Line of Jute against Fungal Diseases. *Int. J. Sustain. Agril. Tech.* 9(12): 1-3.
2. Rana, S., Jahiruddin, M., **Ahmed, S.** Salehin, K. M. and Haque, S. M. A. 2014. Effects of water management practices on BRRIdhan 29. *Int. J. Sustain. Agril. Tech.* 10(9): 1-4.

3. Haque, S.M.A., Hossain, I., Rahman, M. A., Alam, M. A., **Ahmed, S.** and Dasgupta, N. 2014. Status of quality and health of O-9897 jute variety in Bangladesh. *Bangladesh J. Jute Fib. Res*, 31(1-2):(139-148)
4. Rana, S., Islam, M.R., **Ahmed, S.**, Maih, M.A.M. and Haque, S. M. A. 2014. Effects of Different Levels of Arsenic Contamination on BRR1 dhan29. *Bangladesh J. Prog. Sci. Technol.* 12(2):115-120.
5. Rana, S., **Ahmed, S.**, Debnath, S. M.R., Biswas, S.K. and Haque, S. M. A. 2014. Interaction Effect of Water Management and Different Levels of Arsenic Contamination on BRR1 dhan29. *Bangladesh J. Prog. Sci. Technol.* 12(2):131-136.
6. Moni, S., Islam, M. A., Rana, S., Islam, T. and **Ahmed, S.** 2018. Evaluation of youth training on agriculture offered by two selected youth training centers of Bangladesh. *Fundamental and Applied Agriculture.* 3(1):347–354.
7. Biswas, S. K., Tareq, M. Z., **Ahmed, S.**, Hoque, A. B. M. Z. and Rahman, M. T. 2017. Callus Derived Regeneration of Some Selected *Brassica* Genotypes. *The Agriculturists* 15(2): 01-10.
8. Hasan, M., Islam, T., Rana, S., Rahman, M.T. and **Ahmed, S.** 2018. Adoption of modern practices in rice cultivation by the farmers of Modhukhali upazila under Faridpur district. *Int. J. Sustain. Agril. Tech.* 14(3): 01-08.
9. Rahman, M. S., Jahan, M. M., Islam, K.S. and **Ahmed, S.** 2018. Biorational Management of Mango Hopper, *Idioscopus clypealis* (leth.) Using a Microbial Pesticide (*beauveria bassiana*) and some botanicals. *Int. J. Sustain. Agril. Tech.* 14(7):01-06.
10. Islam, M. N., **Ahmed. S.**, Rahman, M. S. and Polan, M. S. 2020. Inspection, Certification and Bionomics of Mealy Bug, *Pseudococcus virgatus* on Kenaf (*Hibiscus cannabinus* L.) and Mesta (*H. sabdariffa* L.). *International Journal of Animal Science and Technology.* Vol. 4, No. 4, pp. 70-76. doi: 10.11648/j.ijast.20200404.11

B-I) Books/Report:

1. BJRI, Annual Research Programme 2016-2017
2. BJRI, Annual Research Report 2016-2017
3. BJRI, Research High lights 2016-2017
4. BJRI, Research High lights 2015-2016

B-II) BULLETIN (LEAFLET/FOLDER) : 05

১. ছাতরা পোকাকার আক্রমণ এবং সমন্বিত দমন ব্যবস্থাপনা
২. পাটের বিছা পোকা বা শূয়ো পোকাকার আক্রমণের ধরণ ও সমন্বিত দমন ব্যবস্থা
৩. পাটের ঘোড়া পোকাকার আক্রমণ এবং সমন্বিত দমন ব্যবস্থাপনা
৪. মেহগনি বীজের নির্যাস দিয়ে পাটের হলুদ মাকড় দমন
৫. নিম বীজের নির্যাস দিয়ে পাটের হলুদ মাকড় দমন

B-III) BULLETIN (NEWSLETTER): 03

1. Islam, M.N., M.S. Polan and **S. Ahmmed**. 2016. Jute hairy caterpillar. Jute and Jute Fabrics Bangladesh. Newsletter of BJRI. 43(1):4-5.
2. Islam, M.N., M.S. Polan and **S. Ahmmed** and S. Rahman. 2016. Precautionary measures for safe use pesticide. Jute and Jute Fabrics Bangladesh. Newsletter of BJRI. 43(2):6-7
3. Islam, M.N., M.S. Polan and **S. Ahmmed**. 2015. Jute stem weevil. Jute Fabrics Bangladesh. Newsletter of BJRI. 42(2):05-06.

Conference:

1. **Sultan Ahmmed**. 2021. Scanning Electron Microscopic Study of Mealybug Associated with *Hibiscus rosa-sinensis*. The 12th International Fundamental Science Congress 2021 24 to 26 AUGUST 2021, Universiti Putra Malaysia.
2. **Sultan Ahmmed**. 2021. Evaluation of fermented plant extracts on *Phenacoccusolenopsis* and its wax removing ability. International Conference on Agriculture and Environmental Science 2021, Jawa Timur, Indonesia

WORKSHOPS:

1. Annual Review Workshop on crop protection programme (Insect Management) of NARS Institutes: Research progress 2017-18 and Research programme 2018-19. BARC.
2. Annual Review workshop on crop protection, 04.08.2016. BARC.
3. Annual Review workshop on crop protection, 05.08.2015.
4. Internal Research Review workshop of Entomology Department. 16-17 June, 2015. BARI, Gazipur.
5. Annual Review workshop on crop protection programme (Insect Management) of NARS Institutes: Research progress 2016-17 and Research programme 2017-18. BARC.

(15) Research achievement (as CSO/PSO/SSO/SO)

- (i) No. of technology developed: 03
- (ii) No. research programme.
 - (a) Developed: 42
 - (b) Supervised: 42
 - (c) Executed: 41

(16) Outstanding achievement (SO to PSO) (Duly endorsed by the Head of Division and Director (Res).

(Award received, Supervision of MS/Ph.D Thesis/ Patent Registered)

Sl. No.	Activities
1.	Award received: Awarded letter for abroad Ph.D scholarship (NATP, Phase-2)
2.	Successfully completed a research project as Co-principal investigator titled “Study on bionomics, species diversity/ host range, management technique of Mealybug in Kenaf and Mesta” (CRG, PIU, BARC, NATP-2).
3.	Developed life cycle of Mealybug
4.	Development of different plant extracts for controlling Jute mites
5.	Participated as a Trainer of Training of Trainers for Dissemination of Agricultural Technologies on Jute and allied fibre crops
6.	Participated as a Trainer of farmer’s Training on Developed and Dissemination of Agricultural technologies on Jute and allied fibre crops.
7.	Member, Krishibid Institution Bangladesh
8.	Member, Entomological society of Bangladesh
9.	Life member, Seed Science society of Bangladesh
10.	Member, BJRI scientist association

Signature with date



19-10-2023

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