

PDS (Personal Data Sheet)

1.	Name	:	Krishibid Dr. Md. Ashraful Islam
2.	Father's name	:	Md. Jalal Uddin
3.	Mother's name	:	Korimon Nesa
4.	Husband's name (if applicable)	:	Not applicable
5.	Gender	:	Male
6.	Present Address	:	Noorjahan Vila, Flat# 5B, House# 311, Road# 1, Sreedhorkhila, Kishoreganj. Mobile: +88 01775-747981 E-mail:ashbjri22@gmail.com
7.	Permanent Address	:	Village: Keowatkhal, Post: Keowatkhal, Ward No.: 20, Road: Power House, Upazilla: Sadar, District: Mymensingh-2201. Mobile: +88 01775-747981 E-mail: ashbjri22@gmail.com
8.	Date of birth	:	March 01, 1987
9.	Age		36 years 08 months 17 days (as on 18 Nov, 2023)

10. Educational Qualification:

Degree/Certificate	Class/Grade/Division	University/Institute/Board	Year
S.S.C (Science)	4.50 (out of 5.0)	K.B. High School, Mymensingh, Dhaka Board	2002
H.S.C (Science)	3.50 (out of 5.0)	K. B. I College, Mymensingh Dhaka Board	2004
B. Sc. Ag. (Hons.)	3.09 (out of 4.0)	Sher-e- Bangla Agricultural University, Dhaka-1207	2009
M.S. in Soil Science	3.56 (out of 4.0)	Sher-e- Bangla Agricultural University, Dhaka-1207	2013
PhD (Plant Pathology)	Awarded	Bangladesh Agricultural University (BAU), Mymensingh-2202	2023

11. Field of Specialization:

- a) Plant pathology & biotechnology, biotic & abiotic stress mutation breeding and Soil Science
- b) Gene cloning and gene expression (salt, cold, drought & submergence)
- c) Developed 13 blast resistant wheat mutant lines against *Magnaporthe oryzae* Triticum
- d) Worked as Co-Principal Investigator in BINA released Two (2) improved Rice varieties namely: Binadhan-22 (Premium quality) and Binadhan-24 (Short duration and high yield).
- e) Also worked as Associate Investigator in five (5) Rice varieties namely: Binadhan-11 (Submergence tolerant), Binadhan-12 (Submergence tolerant), Binadhan-15 (Aromatic), Binadhan-16 (Short duration) and Binadhan-17 (Green Super Rice).

12. Training

(a) In Country:13 (Thirteen)

Sl	Organization	Year	Duration		Name of Program
			Mos.	Days	
01.	Seed Certification Agency (SCA), Gazipur	2013	-	03	Seed Quality Control and Seed Legislation
02.	Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh	2013	-	13	IT (MS Office Program and Video Editing) Training Course”
03.	Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh	2014	-	12	Use of Nuclear Energy in Agricultural Research, Modern Research Techniques and Office Management
04.	Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh	2016	01	02	Nuclear Orientation Training Course
05.	Bangladesh Agricultural Research council (BARC)	2018	-	03	Farming Systems Research and Development
06.	Faculty of Agriculture of Bangladesh Agricultural University (BAU)	2019	-	03	GIS Application in Agriculture
07.	Faculty of Agriculture of Bangladesh Agricultural University (BAU)	2019	-	21	Statistical Package for Postgraduates in Agriculture
08.	Regional Agricultural Research Station, (RARS), BARI, Jashore	2020	-	10	Training on Germplasm Screening and Field Surveillance of Wheat Blast
09	Bangladesh Agricultural Research council (BARC)	2023	-	14	Research Methodology
10	Bangladesh Jute Research Institute (BJRI)	2023	-	01	“ICT (e-nothi)”
11	Bangladesh Computer Council (BCC), Dhaka	2023	-	02	“ICT (D-nothi)”
12	Engineering Staff College, Bangladesh (ESCB), Dhaka	2023	-	15	3-Weeks Training on Public Procurement Management
13	Bangladesh Institute of Governance and management (BIGM), Dhaka	2023	2	10	“Policy Analysis”

(b) Abroad: Not applicable

13. Job experience:

Position	Period		Total (Yr./Mo)
	From	To	
Researcher, Biotechnology Division, Bangladesh Institute of Nuclear Agriculture (BINA)	Sep. 01, 2012	March 13, 2013	6 months 12 days
Scientific Officer (SRSD,GoB Funded Project), Biotechnology Division, Bangladesh Institute of Nuclear Agriculture (BINA)	March 14, 2013	June 30, 2018	5 years 3 months 16 days
Scientific Officer (Agri.), NATP Phase-2 project, Bangladesh Fisheries Research Institute (BFRI)	July 17, 2018	Jan. 31, 2019	6 months 14 days
Research Fellow, Krishi Gobeshona Foundation (KGF)	Feb. 01, 2019	April 30, 2021	2 years 2 months 29 days
Senior Scientific Officer, Plant Pathology Department, Bangladesh Jute Research Institute (BJRI), Dhaka-1207	Dec. 2022	October, 2023	11 months
Principal Scientific Officer, Incharge Jute Research Regional Station, Kishoreganj	October, 2023	Continue	

14. Publications:

a)	Scientific journal:	No. of Publication: 20 (Twenty)
	(i) Full paper	20 (Twenty)
	(a) Paper Published in the Reputed International Journal	03 (Three) Annals of Plant Sciences, IF-5.016 Journal of Biotechnology and Biochemistry, IF-3.98 Journal of Animal & Plant Sciences, IF- 0.61
	Principal author	-
	Co-author	03 (Three)
	(b) Other International & National Journal	17 (Seventeen)
	Principal Author	06 (Six)
	Co-author	11 (Eleven)

	(ii) Short communications Principal author Co-author	- - -
b)	Books/Monographs/Bulletins	
	(i) Books Principal author Co-author	- - -
	(ii) Monographs Principal author Co-author	01 (One) 01 -
	(iii) Bulletins Principal author Co-author	08 (Eight) - 08
c)	<u>Seminar/Workshop/Symposium</u> <u>Proceedings</u> (i) International/National Principal author Co-author	International- National-14 (Fourteen) 05 09

15. Research Achievement:

a. No. of technology Developed:07 (**Seven**)

i. Binadhan-11, Binadhan-12, Binadhan-15, Binadhan-16, Binadhan-17,
Binadhan-22 and Binadhan-24.

(ii) No. of Research Programme Developed, Supervised and Executed:**15 Fiteen**)

(a) **Developed :05 (Five)**

- i. Varietal improvement of different crops using biotechnological and other advanced approaches I worked as **Associate Investigator** of the project.
- ii. Morpho-molecular characterization of crop varieties/germplasm. I worked as **Associate Investigator** of the project
- iii. Gene isolation and development of salinity/drought tolerant rice varieties using gene technology.I worked as **Associate Investigator** of the project
- iv. Development of early maturing high yielding rice varieties. I worked as **Associate Investigator** of the project
- v. Genetic analysis and identification of a regulatory gene for semi-dwarf rice. I worked as **Associate Investigator** of the project.

(b) **Supervised: 05(Five)**

- i. Varietal improvement of different crops using biotechnological and other advanced approaches I worked as **Associate Investigator** of the project.

- ii. Morpho-molecular characterization of crop varieties/germplasm. I worked as **Associate Investigator** of the project
- iii. Gene isolation and development of salinity/drought tolerant rice varieties using gene technology. I worked as **Associate Investigator** of the project
- iv. Development of early maturing high yielding rice varieties. I worked as **Associate Investigator** of the project
- v. Genetic analysis and identification of a regulatory gene for semi-dwarf rice. I worked as **Associate Investigator** of the project.

(c) **Executed:05(Five)**

- i. Varietal improvement of different crops using biotechnological and other advanced approaches I worked as **Associate Investigator** of the project.
- ii. Morpho-molecular characterization of crop varieties/germplasm. I worked as **Associate Investigator** of the project
- iii. Gene isolation and development of salinity/drought tolerant rice varieties using gene technology. I worked as **Associate Investigator** of the project
- iv. Development of early maturing high yielding rice varieties. I worked as **Associate Investigator** of the project
- v. Genetic analysis and identification of a regulatory gene for semi-dwarf rice. I worked as **Associate Investigator** of the project.

16. Outstanding Achievement:

a) No. of patent registered: **07 (Seven)**

Sl. No.	Name of the patent	Characters	Year of registration	Name of Breeder	Worked as
1.	Rice: Binadhan-11	Submergence	2013	Md.Ashraful Islam	Associate Investigator
2.	Rice: Binadhan-12	Submergence	2013	Md.Ashraful Islam	Associate Investigator
3.	Rice: Binadhan-15	Mild aroma	2014	Md.Ashraful Islam	Associate Investigator
4.	Rice: Binadhan-16	Short duration and high yielding	2014	Md.Ashraful Islam	Associate Investigator
5.	Rice: Binadhan-17	Required less fertilizer, water and high yielding	2015	Md.Ashraful Islam	Associate Investigator
6.	Rice: Binadhan-22	Premium quality and high yielding	2019	Md.Ashraful Islam	Co-Principal Investigator
7.	Rice: Binadhan-24	Short duration and high yielding	2022	Md.Ashraful Islam	Co-Principal Investigator

b) **PhD Research Achievements:**

- i. Certificate of Outstanding Research Achievement during my Ph.D. Research given by **Prof. Dr. M Bahadur Meah**, IPM Lab, Department of Plant Pathology, Faculty of Agriculture, Bangladesh Agricultural University (BAU), Mymensingh-2202.

c) Award Received: 02 (Two)

- i. Certificate of Research Achievement for developing premium quality, early maturing and high yielding T. Aman rice variety Binadhan-22 as a Co-Principal Investigator (Co-PI) from Biotechnology Division, Bangladesh Institute of Nuclear Agriculture (BINA) given me **“Bangabandhu Bijoy Sommanona Padak-2020”** on December 16, 2020.
- ii. Certificate of Research Achievement for special contribution in development of wheat mutant lines resistant to blast disease during my PhD research given me **“Bangabandhu Shadinota Padak-2021”** on March 26, 2021.

d) Acted as a assistant coordinator of training program of technology transfer :

- i. Certificate of Organized a Training Programme on ‘Use of Nuclear Energy in Agricultural Research, Modern Research Techniques and Office Management’ as an **Assistant Coordinator**. October 18-29, 2014. Bangladesh Institute of Nuclear Agriculture (BINA), BAU Campus, Mymensingh-2202.

Members of Scientific & Professional Organizations:

- Member, Krishibid (Agriculturists) Institution of Bangladesh (KIB).
- Member, Bangladesh Society of Agronomy (BSA).
- Member, Bangladesh Phytopathological Society (BPS)
- Joint Secretary-1, PhD Students Association of Bangladesh Agricultural University (BAU)

Signature of Applicant: ...



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