

PDS (personal Data Sheet)

1.	Name	:	ABUL KASHEM MD. SHAHADAT HOSSAIN
2.	Father's name	:	Late Al-Haj Abdul Gafur Bepary
3.	Mother's name	:	Late Mrs. Shabanen Nessa
4.	Husband's name	:	Not applicable
5.	Gender	:	Male
6.	Present Address	:	Principal Scientific Officer Gene Bank Department Genetic Resources & Seed Division Bangladesh Jute Research Institute Manik Mia Avenue, Dhaka 1207 Cell No: 01747996584
7.	Permanent Address	:	Vill: Gangkanda, P.O: Panchgachia, Upazilla: Daudkandi, Dist: Cumilla.
8.	Date of birth	:	March 16, 1969
9.	Age(On 01-01-2023)	:	53 years 09 months 15 days

10. Educational Qualification:

Degree/Diploma/ Certificate	Division/Class/ Grade	University/Institution/Board	Year
Ph.D	Awarded	Bangladesh Agricultural University, Mymensingh	2016
M. S. in Genetics & Plant Breeding	1 st	Sher-e-Bangla Agricultural University, Dhaka	2006
B. Sc. Ag. (Hons)	2 nd	Bangladesh Agricultural University, Mymensingh	1991
H.S.C	1 st	Cumilla	1986
S.S.C	2 nd	Cumilla	1984

11. Field of Specialization: **Region specific research, Extension of BJRI developed technology, seed related research, Production of Field Crops, Biotechnology & Plant Breeding.**

12. Training:

(Bangladesh and /or abroad)

(a) **In country:**

SL no.	Name of programme	Year	Duration		Organization
			Mos.	Days	
1	Foundation Training Course for NARS Scientists	2001	4	-	BARD, Cumilla
2	Motor Driving	2001	-	21	Cumilla Motor Driving and Mechanics Training School, Cumilla
3	Computer Training	2001	-	21	BARD, Cumilla
4	Foundation Training on Computer Application	2002	-	21	BJRI
5	Participatory Innovation, Farming	2003	-	12	BARD, Cumilla,

	Systems and Rural Livelihood Research and Development				
6	Irrigation Management Planning and Land Use Development Planning	2004	-	7	BARD, Cumilla,
7	Jute Fibre and Seed Production Technology	2006	-	2	BJRI, Dhaka
8	Modern jute and kenaf seed production and storage technology	2007	-	2	BJRI, Dhaka
9	Returns to Research Investments: Analysis through Economics Models.	2009	-	4	BARC, Dhaka
10	Advanced course on Communicative English	2011	2	-	BAU, Mymensingh
11	Use of Fertilizer Recommendation Guide-2012	2015	-	3	BARC, Dhaka
12	Training of Trainers (ToT)	2017	-	5	National Agricultural Training Academy, Gazipur
13	Food Based Nutrition	2017	-	5	BIRTAN, Dhaka
14	Climate Change, Carbon Sequestration and Adaptation Strategies	2018	-	3	BARC, Dhaka
15	Administrative and Financial Management	2018	-	3	BJRI, Dhaka
16	Global Plan of Action Reporting and Collection & Documentation of Plant Genetic Resources in Bangladesh	2018	-	3	BARC, Dhaka
17	Agricultural Project Management	2018	-	3	BJRI, Dhaka
18	Collection and Documentation of Plant Genetic Resources	2018	-	2	BARC, Dhaka
19	Project Appraisal Study	2018	-	2	BJRI, Dhaka
20	Bioinformatics for Sustainable Development in Agriculture	2019	-	3	BARC, Dhaka
21	Global Plan of Action of International Treaty on Plant Genetic Resources for Food and Agriculture in Bangladesh	2019	-	2	BARC, Dhaka
22	ACR Writing	2020	-	1	BJRI, Dhaka
23	Annual Performance Agreement (APA)	2021	-	1	BJRI, Dhaka
24	Monitoring and Evaluation in Project Management	2021	-	5	BARC, Dhaka
25	Climate Smart Agriculture for Adaptation	2022	-	3	BARC, Dhaka
26	Awareness Building on Act and Policies of Bangladesh Agriculture	2023	-	3	BARC, Dhaka

(b) In Abroad:

SL no.	Name of programme	Year	Duration		Organization
			Mos.	Days	
	N/A				

13. Experience with Service Record(s) [Start form last position]

Position	Period		
	From	To	Total Year/Month
SO	30-06-1996	22-09-2004	8 years 02 months 22 days
SSO	23-09-2004	05-11-2015	11 years 01 months 12 days
PSO (CC)	14-07-2015	23-11-2015	4 months 09 days
PSO	24-11-2015	Till	07 years 01 months 08 days
Total			26 years 06 months

Service Experience

Outer Station: 19 Year 04 months 04 days

Head Office: 7 years 05 months 08 days

Service Record(s) [Start from last position]

Designation	Duration		Place of posting
	From	To	
Scientific Officer	30/06/96	05/07/98	Jute Research Sub- Station, Monirampur, Jessore
Senior Scientific Officer (CC) and in-charge	06/07/98	26/08/98	Jute Research Sub- Station, Monirampur, Jessore
Scientific Officer	27/08/98	05/12/98	Jute Research Regional Station, Faridpur
Senior Scientific Officer (CC) and PSO(in-charge)	06/12/98	10/07/99	Jute Research Regional Station, Faridpur
Scientific Officer	11/07/99	17/10/01	Jute Research Regional Station, Faridpur
Senior Scientific Officer (CC) and PSO(in-charge)	18/10/01	19/01/02	Jute Research Regional Station, Faridpur
Senior Scientific Officer (CC) and PSO(in-charge)	20/01/02	10/04/02	Jute Research Regional Station, Chandina, Comilla
Scientific Officer	11/04/02	22/09/04	Jute Research Regional Station, Chandina, Comilla
Senior Scientific Officer (On deputation for MS degree)	23/09/04	08/04/06	Fibre Quality Improvement Division, BJRI, Dhaka.
Senior Scientific Officer and in-charge	09/04/2006	31/10/2009	Jute Research Regional Station, Chandina, Cumilla
Ph.D fellow in Biotechnology	01/11/2009	01/12/2013	Deputation, Bangladesh Agricultural University, Mymensingh
Senior Scientific Officer and in-charge	01/12/2013	04/08/2014	Jute Research Regional Station, Chandina, Cumilla

Senior Scientific Officer	06/08/2014	12/07/2015	Jute experimental station, Jagir, Manikgonj.
Senior Scientific Officer	13/07/2015	14/07/2015	Cytogenetics Department GRS Division.
PSO in-charge	14/07/2015	23/11/2015	Cytogenetics Department GRS Division.
PSO	24/11/2015	13/05/219	Gene Bank Department & Cytogenetics Department (Additional), GRS Division.
PSO	14/05/2019	06/01/2022	Farm Management Unit and Gene Bank Department (Additional), GRS Division.
PSO	07/01/2022	Till	Gene Bank Department, Genetic Resources & Seed Division.

14. Publication:

- (a) Full scientific paper as Principal author: 11
- (b) Full scientific paper as associate author: 29
- (c) Popular Article/Monograph/Bulletin:
- (d) List of Seminar papers/Workshop Proceedings (Presented/Published):

(i) Books/Booklets/Leaflets/ Folder.

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Sl. no.	Title	Remarks
1	Participatory Innovation, Farming System and Rural Livelihood Research & development	Booklets
2	Acclimatization of <i>in vitro</i> kenaf plantlet	Folder
3	Late Jute Seed Production Technology with Winter Vegetables in Char Land	Folder
4	Golden fibre and its History of Research	Mritrikalogno Mon, A SOUVENIR of DAE, Comilla

Seminar/Workshops/Symposium Proceedings:

List of proceedings

Sl. no.	Title with authors	Name of programme
1.	Begum, R., M. Rahman, A.K.M.S.Hossain , M.H. Rashid, and B. Hossain. 2009. Genetic Variability of Some Selected Genotypes of Kenaf. Proceedings of the International Conference on Plant Breeding and Seed for Food Security. Page No: 201-205.	International Conference on Plant Breeding & Seed for Food Security

(i) National Seminar/Workshop:

Sl. No.	Title	From	To	Venue	Sponsoring Agency
1	Regional Research & Extension Review Workshop (2000-2001)	15 June, 2001	17 June, 2001	RARS, Ramatpur, Barishal	SFFP
2	Regional Research & Extension Review Workshop (2001-2002)	7 June 2002	8 June 2002	ATI, Khadimnagar Sylhet	SFFP
3	Regional Research & Extension Review Workshop (2002-2003)	4 June, 2003	6 June, 2003	RARS, Ramatpur, Barishal	SFFP
4	Regional Research & Extension Review Workshop (2003-2004)	26 May, 2004	27 May, 2004	Moulovibazar, Sylhet	SFFP
5	Workshop on “ Low cost retting of Jute/ kenaf/ mesta/ for quality up-gradation	01 September 2005	01 September 2005	BJRI, Dhaka	CFC/ IJSG
5	Regional Research & Extension Review Workshop (2006-2007)	25 May 2007	27 May 2007	BINA, Cumilla.	ARS, Cumilla
7	Regional Research & Extension Review Workshop (2007-2008)	18 May, 2008	19 May, 2008	ARS, Cumilla	ARS, Cumilla
8	Regional Research & Extension Review Workshop (2008-2009)	6 June, 2009	7 June, 2009	ARS, Cumilla	ARS, Cumilla
9	Final Workshop on “ Low cost retting of Jute/ kenaf/ mesta/ for quality up-gradation	30 June 2009	30 June 2009	BJRI, Dhaka	CFC/ IJSG
10	National Workshop on Agricultural Biotechnology	14 May 2016	15 May 2016	BARC, Dhaka	BARC, Dhaka
11	Annual Review Workshop on Crop Improvement Programme of NARS Institute	09 August 2016	10 August 2016	BARC, Dhaka	BARC, Dhaka
12	National Workshop on Agricultural Biotechnology	20 March 2017	21 March 2017	BARC, Dhaka	BARC, Dhaka
13	Annual Review Workshop on Crop Improvement of NARS Institute Programme	09 August 2017	10 August 2017	BARC, Dhaka	NATP, BARC
14	Annual Review Workshop on Biotechnology Research of NARS Institutes	09 August 2018	-	BARC, Dhaka	NATP, BARC

(ii) International Seminar/Workshop/Study visit:

SL. NO.	Title	From	To	Venue	Country	Sponsoring Agency
1)	SAARC Study tour	01 February, 1994	23 February, 1994	IARI, New Delli, SAARC Secretariat, Kathmondu	India & Nepal	BAI (SAU), Dhaka.
2)	International Conference on Plant Breeding & Seed for Food Security	10 March, 2009	12 March, 2009	BARC, Dhaka	Bangladesh	Plant Breeding and genetics Society of Bangladesh
3)	3 rd International Conference on Quality Seed for Food Security Under Changing Climate.	08 February, 2012	10 February, 2012	BAU, Mymensingh, Bangladesh	Bangladesh	Seed Science Society of Bangladesh & Seed Wing, Ministry of Agriculture

(i) Books/Booklets/Leaflets/ Folder.

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7	Regional Research & Extension Review Workshop (2007-2008)	18 May, 2008	19 May, 2008	ARS, Cumilla	ARS, Cumilla
8	Regional Research & Extension Review Workshop (2008-2009)	6 June, 2009	7 June, 2009	ARS, Cumilla	ARS, Cumilla
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12	National Workshop on Agricultural Biotechnology	20 March 2017	21 March 2017	BARC, Dhaka	BARC, Dhaka
13	Annual Review Workshop on Crop Improvement of NARS Institute Programme	09 August 2017	10 August 2017	BARC, Dhaka	NATP, BARC
14	Annual Review Workshop on Biotechnology Research of NARS Institutes	09 August 2018	-	BARC, Dhaka	NATP, BARC

(iii) International Seminar/Workshop/Study visit:

SL. NO	Title	From	To	Venue	Country	Sponsoring Agency
1)	SAARC Study tour	01February, 1994	23 February, 1994	IARI, New Delli, SAARC Secretariat, Kathmondu	India& Nepal	BAI (SAU), Dhaka.
2)	International Conference on Plant Breeding & Seed for Food Security	10 March, 2009	12 March, 2009	BARC, Dhaka	Bangladesh	Plant Breeding and genetics Society of Bangladesh
3)	3 rd International Conference on Quality Seed for Food Security Under Changing Climate.	08 February, 2012	10 February, 2012	BAU, Mymensingh, Bangladesh	Bangladesh	Seed Science Society of Bangladesh & Seed Wing, Ministry of Agriculture

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

- (i) No. of technology Developed: 20
- (ii) No. of Research Programme:
 - (a) Developed: 80
 - (b) Supervised: 80
 - (c) Executed: 80

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

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

As SO:

Planning and executing of region specific research program on jute & allied fibres.. Establishing experiments in the regional and substations of BJRI as well as farmers field. Collecting and analyzing the data of jute and allied fibre crops. Economic analysis of jute and jute seed production both on-station and on farm level. Compilation, presentation and writing of research report and other activities. Coordinating, directing and executing farmers training and field days on jute, jute seed

production as well as jute based cropping patterns in Bangladesh. Participation in review workshop of others research organization and DTC (District Technical Committee) of DAE. Execution and supervision of other Divisions field research. Supervision of Junior Scientific Assistant and staff, Monitoring and Management of Farm.

Associated with the development of and evaluation of the outstanding Tossa jute variety BJRI Tossa pat-4 (O-72) released in 2002.

Associated with the development of the package technology for jute seed production at late season

As SSO:

Research planning, preparation and execution of different programme/projects on jute and allied fibre crops. Development of research program, Personnel Management, Project management, Labour Management, Financial management, Administration, Supervision of all research program executed in the Farm. Extension and Demonstration of Jute fibre and Seed production, Linkage with DAE, Research Organization and Farmers', Conducting Training for different Stakeholders, Arranging seminar, symposium. Report writing, Monitoring and Evaluation of project activities at Farm levels. Execution in Field Research, Supervision of Junior Scientists and staff, Report writing and monitoring.

Associated with the development of and evaluation of the outstanding Deshi jute variety BJRI Deshi pat-7 (BJC-2142), Deshi pat-8 (BJC-2197), Tossa pat-5 (O-795), Tossa pat-6 (O-3820), BJRI Kenaf -3 and BJRI Mesta-2 released in 2007, 2013, 2008, 2013, 2010. Associated with the development of low cost package technology for sustainable jute farming.

Since 2006 has been working as CO-INVESTIGATOR of a revenue programme of the Ministry of Agriculture entitle “ Jute and Kenaf Breeder Seed production, Distribution”. Through this Programme following success were achieved:

(a) 7,800 kg breeder seeds were produced

(b) 20,000 kg TLS seeds were produced and distributed to the farmers.

(c) 7210 Farmers/Field workers/ Officers were trained up on jute seed production and storage technologies. This programme contributed nationally in achieving self-sufficiency in jute seed.

Every year a report were published, entitled “পাট ও কেনাফ বীজ উৎপাদন, সংরক্ষণ ও বিতরণ কার্যক্রম প্রতিবেদন-২০০৬, ২০০৭, ২০০৮ ও ২০০৯ খ্রি:”

As PSO: Gene Bank Department, Genetic Resources and Seed Division:

A total of 55 germplasm were collected from different regions of Bangladesh and 915 accessions of jute & allied fibre germplasm were morohologically characterized in the year 2015-2021. Moreover, 4000 accessions of jute and allied fibre germplasm were regenerated to replenish the stock of the Gene Bank. Assessment of genetic variation among 66 tossa jute (*C. oltorius*) and 62 Kenaf (*Hibiscus cannabinus*) germplasm through microsatellite markers. Supervision of Field research, Monitoring, Evaluation, Administration, Report writing & editing. Personnel Management, Supervision of Junior Scientists and Staff. Participate in the meetings of seed promotion committee, Regional Agricultural Technology Extension Committee (RATEC) of Rajshahi region. Associated

with public–private partnership development activities of the institute. Associated with prepare reporting of APA at different times and participate different meeting and workshop on APA.

Associated with the different research planning, laboratory equipment parches etc. committee of BJRI.

Resource person in different training programme: **Participated in many field level officers and farmers training programme (BJRI, BADC, DAE, NGOs etc.)**



Signature of Applicant:

Address:

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