

Biodata

Mst. Salma Pervin

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1. General Information

Father's Name : Md. Taizul Islam
Mother's Name : Shazeda Begum
Husband's name : Mohd. Abdul Malek
Permanent Address : Raninagar Bazar, Raninagar, Naogaon
Present Address : Senior Scientific Officer, Plant Physiology Division,
Bangladesh Rice Research Institute, Gazipur-1701,
Bangladesh

Nationality : Bangladeshi by birth

Marital Status : Married

Date of Birth : 31st December, 1971
Basic degree : B. Sc. Agriculture
M. S. in Crop Botany
PhD in Crop Botany (on-going)

Field of specialization : Stress Physiology of rice

Date of entry into service : 20 August, 1998
Date of joining in the present position : 1st June, 2006
Present salary : Basic Pay: Tk. 22250-31250 per month;

Mailing address : Senior Scientific Officer, Plant Physiology Division,
Bangladesh Rice Research Institute, Gazipur-1701,
Bangladesh

2. Academic Career

Name of Institution	Principal Subject	Degree	Passing Year	Result	GPA/CGPA	Distinction
Bangladesh Agricultural University, Mymensingh	Crop Botany	PhD	2013(on going)	--	--	--
Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Crop Botany	M S	2005	1 st Class	A grade (3.73 out of 4)	--
Bangladesh Agricultural University, Mymensingh	Agriculture	B Sc Ag	1993	1 st Class	--	11 th Place
Rajshahi Govt. College, Rajshahi	Science	H S C	1989	1 st Division	--	--
Raninagar Girls High School, Raninagar, Naogoan	Science	S S C	1987	1 st Division	--	--

3. Main Subjects taught in undergraduate Course:

Genetics and Plant Breeding, Agronomy, Botany, Crop Botany, Pathology, Entomology, Soil Science, Horticulture, Agricultural Chemistry, Physical and Analytical Chemistry, Organic Chemistry, Bio- Chemistry, Animal Husbandary, Agricultural Economics, Statistics, Farm Mechanics, Rural Science, Agricultural Extension etc.

4. Main Subjects taught in MS Course:

Plant Physiology I, Plant Embryology, Taxonomy of Crop Plants, Plant Nutrition, Plant Growth Regulators, Plant Anatomy, Plant Breeding, Plant Ecology I, Soil- Plant Analysis, Principles of Crop Production, Stress Physiology and Design of Experiments.

5. Training Experience

(a) In Country:

Course Title	Institution	*Location	Period		Grade	Position
			From	To		
1. Rice production, Communication and Office management	BIRRI	Gazipur	18 October 1998	15 December 1998	A ⁺	--
2. Workshop-cum-training in Rice Breeding & Hybrid Rice Development (TCTTI Project)	BIRRI	Gazipur	18 May 1999	21 May 1999	Pass	--
3. Foundation training course for NARS scientists	BARD	Comilla	6 February 2000	21 May 2000	A ⁺	--
4. Breeder Seed Production and Preservation Techniques of Rice	BIRRI	Gazipur	18 June 2002	20 June 2002	Pass	--
5. Hybrid rice development and seed production	BIRRI	Gazipur	19 March 2006	23 March 2006	Pass	--
৬. খাদ্যভিত্তিক পুষ্টি (ফলিত পুষ্টি)	বা ফ ম উ ব	Dhaka	22 February 2009	26 February 2009	Pass	--
7. Crop physiology and climate change	KGF, BARC	Rajendrapur, Gazipur	22 June 2013	27 June 2013	Pass	--

8. Modeling climate change impact on Bangladesh Agriculture	KGF, BARC	Rajendrapur, Gazipur	27 July 2013	03 August 2013	Pass	--
9. Training workshop on climate risks, vulnerability and adaptation assessment in development intervention.	ADB	ADB, Bangladesh Resident Mission, Dhaka	10 March 2014	11 March 2014	Pass	--
10. Modeling climate change impact on Bangladesh agriculture using DSSAT	BARC-CDM	Savar, Dhaka	7 June 2014	19 June 2014	Pass	--

b. Abroad:

Course Title	Institution	Country	Period		Grade	Position
			From	To		
1. International training course on Farming Systems Research and Development	FSSRI, UPLB, Philippines	Philippines	24 January 2001	17 March 2001	Pass	--
2. Drought Screening for rice genetic improvement	BIRSA Agricultural University, Ranchi, Jharkhand, India	India	10 November 2008	15 November 2008	Pass	--

6. Participated In-country Workshop/Seminar etc from date of joining:

Workshop/Seminar title	Duration	Venue	Funding Source
National Workshop on Modern Rice cultivation in Bangladesh	3 days (14-16 Feb, 1999)	BRRI, Gazipur	BRRI DAE
19 th National Workshop on Rice Research and Extension in Bangladesh 2002	3 days (29-31 Jan, 2002)	BRRI, Gazipur	BRRI DAE
20 th National Workshop on Rice Research and Extension in Bangladesh 2004	3 days	BRRI, Gazipur	BRRI DAE
Planning Workshop on Sustainable Rice Seed network—A GO-NGO partnership	1 day (18 May, 2005)	BRRI, Gazipur	PETRA
Stress-tolerant rice for Africa and South Asia (Phase 2) planning workshop	1 day (9 April, 2011)	Dhaka	IRRI
Review workshop of STRASA Phase 2 and launching of STRASA Phase 3	4 days (20-23 May, 2014)	Delhi, India	IRRI

4. Research Experience

- ✚ Conducted research on rice in order to develop modern varieties with high yield potentials. Also developed component technologies for improving productivity of cropping systems, and transferred crop production technologies through training, workshops, seminars and publications.
- ✚ Developed, supervised and executed priority research programmes of BIRRI and report presented in the seminar and workshop.
- ✚ Engaged one IRRI-BIRRI collaborative projects (STRASA) in which serving as a “Physiologist”.
- ✚ Also engaged in the development of inbred and hybrid rice, screen out the potential rice varieties for future breeding programme since 1999. Three lines were identified as a tolerant to drought which was released as a modern variety such as BIRRI dhan56, BIRRI dhan57 and BIRRI dhan66.

5. Publications

- ✚ Have 21 articles published in several research journals, proceedings, bulletins, daily newspapers etc. of home and abroad.

6. Others relevant activities

a. Knowledge of computer and training equipment

- ✚ Have good computer knowledge in MSWord, MS Excell, PowerPoint, IRRIstat, MSstat, Adobe Photoshop, MIS and Internet Explorer.
- ✚ Have good knowledge to operate the different training equipment such as multimedia, projectile, slide etc.

b. Professional affiliations and others

Association name	Type of member	From	To
Bangladesh Rice Research Institute Scientist's Association (BRRISA)	General Member	1999	to date
Bangladesh Botany Society	Associate Member	2001	to date
Bangladesh Agronomy Society (BSA)	General Member	2000	to date
Bangladesh Association for the Advancement of Science (BAAS)	General Member	2001	to date
Plant Breeding and Genetics Society of Bangladesh (PBGSB)	Associate Member	2002	to date

c. Member of the IRRI-BIRRI working group

✚ Member of Stress-Tolerant Rice for Africa and South Asia (STRASA), Working group-drought component (Bangladesh site) as a Physiologist.

7. Award received

- (i) for In-Country MS scholarship funded by Outreach Research Program Project, BRRI
- (ii) for PhD study funded by strengthening and capacity building of biotechnology lab
- (iii) received BARC Chairman's Award in the 5th Foundation Training Course.

(Mst. Salma Pervin)
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