

**Personal Data Sheet (PDS)  
Director General, BJRI**



1.	Name	:	Md. Abdul Awal, PhD
2.	Father's name	:	Late Abdul Maula
3.	Mother's name	:	Golesa Khatun
4.	Husband's name (if applicable)	:	Not Applicable
5.	Gender	:	Male
6	Permanent address		Village: Dakkhin Ranigaon, Upazila: Nalitabari; District: Sherpur
7	Present address	:	Alvees Accord, B-2/2, Road-02, Ali & Noor Real Estate Mohammadpur, Dhaka-1207.
8	Designation	:	Director General (DG), Bangladesh Jute Research Institute (BJRI) Email: dg@bjri.gov.bd
9	Istitution	:	Bangladesh Jute Research Institute, Manik Mia Avenue Dhaka-1207
10	Date of joining at BJRI as a Director General (DG)	:	29 May, 2022
i	Date of first joining in service as Scientific Officer (SO) at BARI	:	27 November, 1997
ii	Date of birth	:	31 October, 1970
iii	Date of PRL	:	30 October, 2029
11. (a)	Educational Qualification	:	

Degree/Diploma/Certificate	Class/Grade/Division	University/ Institute/Board	Year
Secondary School Certificate (SSC)	First	Taragonj High School, Nalitabari, Sherpur, Dhaka	1986
Higher Secondary Certificate (HSC)	First	Nazmul Smrity College, Nalitabari, Sherpur, Dhaka	1988
B.Sc. Ag. Econ (Hons)	Second	Bangladesh Agricultural University, Mymensingh, Bangladesh	1992 (Exam held in 1994)
M. S. in Agricultural Economics (Agricultural Marketing)	Upper 2 <sup>nd</sup> Class (B <sup>+</sup> )	Bangladesh Agricultural University, Mymensingh, Bangladesh	1996
Doctor of Philosophy (Agricultural Marketing)	Satisfactory	Bangladesh Agricultural University, Mymensingh	2008
Post Doctoral Study	Satisfactory	Cornell University, USA	2013

**11.(b) Field Specialization of :** (i) 14 years experienced at different Farming Systems Research Sites (Jamalpur, Barishal and Mymensingh) conducted by On Farm Research Division of BARI, (ii) 5.5 Years experienced in Research Planning, Management, Monitoring and Evaluation Conducted under Planning and Evaluation Division of BARC

12. Training: 33 (Thirty three)  
(a) In Country: 26 (Twenty six)

	Organization	Year	Duration		Name of programme
			Mos.	Days	
1	Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	1998	03 May	30 June	Induction training
2	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	1998	11 Jan -	22 Jan	Farming System Research and Development
3	Bangladesh Agricultural Research Council	1998	8 Nov-	17 Nov	Cost and return analysis in Agricultural
4	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	1999	13 Nov	25 Nov	Cost and return analysis in Agricultural
5	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	1999	23 Oct	4 Nov.	Data management
6	Bangladesh Agricultural Research Council, Farm gate, Dhaka	2000	27 Feb	8 March	Computer skill and Data processing
7	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2001	31 Mar	12 April	Statistical methods for socio-economic research
8	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2001	14 Jan	27 Jan	Data analysis and data management
9	Regional Agricultural Research Station, BARI, Barisal	2003	05 May	07 May	Improved vegetable production technology
10	Department of Agricultural Extension (DAE), Barisal	2003	24 May	25 May	Technique of Agricultural technology
11	Regional Agricultural Research Station, BARI, Barisal	2003	08 June	10 June	Improved summer vegetable production technology
12	Regional Agricultural Research Station, BARI, Barisal	2004	03 April	04 April	Commercial Cultivation of Flower and Post-harvest Management
13	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2009	05 April	08 April	Returns to Research Investments: Analysis Through Economics Models
14	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2009	11 April	23 April	Research Methodology

Organization		Year	Duration		Name of programme
			Mos.	Days	
15	Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	2009	1 June	5 June	Emerging Issues in Bangladesh Agriculture
16	Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	2009	26 May	28 May	Disease Identification, Data Recording, Rating Scale and Grading System of Major Diseases of Important Crops
17	Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	2010	23 Feb	25 Feb	Administrative and Financial Management
18	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2012	22 January	24 January	Procurement and Financial Management of SPGR sub-projects
19	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2012	22 March	28 March	Econometric Analysis through different computer software
20	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2012	1 April	05 April	e- Governance
21	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2012	1 April	05 April	Project Development and Management
22	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2014	29 May	31 May	Financial Management including Tax & Vat
23	Krishi Gobeshona Foundation, BARC Campus, Farm gate, Dhaka	2014	22 June	27 June	Research Planning and Proposal Writing
24	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2014	02 Nov	03 Nov	Project Preparation, Processing and Implementation
25	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2014	09 Dec	10 Dec	Post Harvest technology in Horticulture crops
26	Bangladesh Agricultural Research Council (BARC), Farm gate, Dhaka	2015	07 June	11 June	Photography, Video Production and Post Processing

**(b) Abroad: 7 (Seven)**

Training Topic	Training Venue & Country	Training duration		Achieved certificate
		Starting date	Ending date	Diploma/ Degree
Agricultural Project Planning, monitoring and Evaluation	Chiang Mai University, Thailand	18 Nov, 2012	18 Dec, 2012	Certificate

Training Topic	Training Venue & Country	Training duration		Achieved certificate
		Starting date	Ending date	Diploma/ Degree
Post Doctoral Study in Cornell University	Cornell University, USA	18 March 2013	18 September 2013	Certificate
Food fair and exhibition on the occasion of “Green Week” at Berlin organized by Global Forum for Food and Agriculture 2014	Berlin, Germany	15 January 2014	25 January 2014	-
High Level Policy Dialogue on Investment in Agricultural Research for Sustainable Development in the Asia-Pacific Region in APAARI Executive Committee Meeting in Thailand, Bangkok	Bangkok, Thailand	08 December, 2015	09 December, 2015	-
21th Annual meeting organized by Council for Partnership on Rice Research in Asia (CORRA) in Hangzhou, China	Hangzhou, China	20 September 2017	21 September 2017	-
Training on “Integrated Approaches to Food Security” Wageningen Centre for Development Innovation, Wageningen University & Research	The Netherlands	October 16 2017	October 27 2017	Certificate
Training workshop on Natural Resources Management and Climate Smart Agriculture	The Canada	27 April 2018	06 May 2018	-

### 13. Job Experiences:

Position	Places	Duration		Total Yr/Mo
		From	To	
Scientific Officer (SO)	On-farm Research Division, BARI, Jamalpur.	27 November 1997	06 June, 2002	11 years 04 months 23 days
Scientific Officer (SO)	On-farm Research Division, BARI, Barisal.	07 June, 2002 to	01 December, 2008	
Scientific Officer (SO)	BARI, Joydebpur, Gazipur.	02 December, 2008	20 April, 2009	
Senior Scientific Office (SSO)	On-farm Research Division, BARI, Mymensingh.	21 April, 2009	1 <sup>st</sup> January 2012	02 years 08 Months 10 days
Principal Scientific Office (PSO)	Planning and Evaluation Division, BARC	2 <sup>nd</sup> January 2012	2 <sup>nd</sup> April 2015	03 years 3 months 0 days

Position	Places	Duration		Total Yr/Mo
		From	To	
Chief Scientific Office (CSO) (Current Charge)	Planning and Evaluation Division, BARC.	3 <sup>rd</sup> April 2015	31 October 2018	03 years 6 months 28 days
Chief Scientific Office (CSO)	Bangladesh Wheat and Maize Reserch Institute, Nasipur, Dinajpur.	1 <sup>st</sup> November 2018	8 August 2020	01 years 09 months 7 days
Member Director (MD)	BARC	9 August 2020	28 May 2022	01 years 09 months 19 days
Director General (DG)	BJRI	29 May 2022	Till date	10 Months
Total service length				25 years 3 months 27 days

**14. List of scientific publications: Number of publications: 91 (Ninety one)  
(International: 04 and National: 87)**

- i) Full scientific paper as a principal author-37 (Thirty Seven) (1-37)

**International: 02 (two)**

1. **Awal, M. A., S. R. Saha, M. S. Alam and M.A. Matin.** 2004. Onion cultivation at farmers' level: Input use, productivity and resource use efficiency. **SAARC Jn. of Agri., 2: 61-71.**
2. **Awal, M. A, M. E. Haque and M. F. Imam.** 2006. Growth and instability of frozen food, shrimp and fish export from Bangladesh. **Pakistan J. Bioll Sci. 9(10):1945-1949.**

**National: 35 (Thirty five)**

3. **Awal, M. A., M. M.R. Rahman, M.R. Islam and M.H. Rahman.**1998. Socio-economic profile of farming system research and development site, Narikeli, Jamalpur. **Bangladesh J. Progress. Agric. 9(1&2): 271-276.**
4. **Awal, M. A., M.R Islam and M.H. Rahman.**1999. Gender analysis in farm activities in a selected area of Jamalpur district. **Bangladesh J. Train and Dev, 12 (1&2): 43-48.**
5. **Awal, M. A., M.R. Islam and E.R. Choudhury.**2000. Homestead fruits and vegetables production and utilization system in a selected area of Jamalpur District. **Bangladesh J. Train and Dev. 13(1&2): 167-174.**
6. **Awal, M. A., M. S. Rahman, M.R. Islam, M.G. F. Mia and E.R. Choudhury.**2000. Fertilizer use in winter vegetables in the sherpur and jamalpur districts. **Bangladesh J. Progress. Agric. 11(1&2): 59-63.**
7. **Awal, M. A., M.R. Islam, M.K. Hassan, M. G. F. Mia and M. S. Rahman.** 2000. Agro-economic study of power tiller utilization in Jamalpur and Sherpur districts of Bangladesh. **Bangladesh J. Progress. Agric. 11(1&2): 251-257.**
8. **Awal, M. A., M. M. Zaman, M.A. Akbar, M.G. F. Mia, and M. A. Rahman.**2000. An investigation into the yield gap of potato in farming systems research and development site, Narikeli, Jamalpur Bangladesh. **Bangladesh J. Progress. Agric. 11(1&2):273-279.**

9. **Awal, M. A.,** M.A. Ali, and M.G.F. Mia. 2001. Fisheries resources and utilization pattern in some selected areas of Jamalpur and Sherpur Districts. *Bangladesh J. Train.Dev.* **14(1&2):183- 190.**
10. **Awal, M. A.,** M.S. Alam, S.R. Saha, B.L. Nag and A.K. Saha. 2001. Marketing of guava in selected areas under southern region of Bangladesh. *Bangladesh J. Progress.Agric.* **12(1&2):255-261.**
11. **Awal, M.A.,** S. R. Saha, B.L. Nag, M.S. Alam and M.A.H. Bhuiyan. 2001. Farm level yield analysis of guava cultivation in selected areas of southern region in Bangladesh. *Bangladesh J. Progress. Agric.* **12(1&2): 263-269.**
12. **Awal, M.A.,** M.S I. Khan., S.R Saha., B.L Nag, M. A. Kader and M.S., Alam.2001. Application of partial budgeting technique of fertilizer response on Fallow– T. Aus–T. Aman cropping pattern in southern region of Bangladesh. *Bangladesh J. Environ. Sci.* **9:57-61.**
13. **Awal, M.A.,** M.S. Islam, M.A. Hossain, and, S.M.M. Rahman 2001. Profitability of onion cultivation and some competitive spices crops in Bangladesh. *Bangladesh J. Progress. Agric.* **12(1&2):251-254.**
14. **Awal, M. A.,** F. R. Khan and M. M. Zaman.2002. An economic study of poultry production and their utilization in farming systems research and development site. *Bangladesh J. Agril. Res.* **27(3):431-440.**
15. **Awal, M. A.,** S. R. Saha, B. L. Nag, M. S. Rahman and M. R. Ali.2002. A study on integrated farming at farming system research and development (FSRD) site, Narikeli, Jamalpur. *Bangladesh J. Progress Agric.* **13(1&2):195-207.**
16. **Awal, M.A.,** S.R. Saha, M.Z. Islam, M.A. Mannan and M. R. Ali. 2003. Profitability of Ginger Production in Northern Part of Bangladesh. *Bangladesh J. Prog. Sci.&Tech.* **1(1):89-92.**
17. **Awal. M. A.,** S. R. Saha, M. S. Alam, M. A. Hossain and A.K. Saha.2003. Accessibility of Farmers to Minor Irrigation Equipment (A micro level study in selected areas of Bangladesh). *Bangladesh J. Prog. Sci.&Tech.* **1(2): 137-142.**
18. **Awal, M. A.,** K.M.E. Chowdhury and M. A. B. Siddique. 2003. Economics of guava cultivation: an empirical analysis in selected areas of Barisal district. *Bangladesh J. Train. and Dev.,* **16 (1&2):27-32.**
19. **Awal, M. A.,** A. R. Choudhury and K.M.E. Chowdhury .2003. Utilization pattern of Agricultural land of Amirabad union under Barisal District. *Bangladesh J. Train. and Dev.* **16 (1&2):33-40.**
20. **Awal, M. A.,** M. A. Hossain and F. R. Khan. 2004. A Study on livestock rearing pattern in Jamalpur District. *Bangladesh J. Agric Rural Dev.* **2(1): 135-142.**
21. **Awal, M. A.,** A.K. Saha, A.K.M. A. Habib, B. L. Nag and F.R. Khan. 2004. Effect of genotypes and phosphorus levels on yield and yield attributed of Wheat. *Bangladesh J. Prog. Sci. & Tech.* **2(2): 97-100.**
22. **Awal, M. A.,** A. K. Saha, A.K.M. A. Habib, F.R. Khan and S. M. M., Rahman. 2004. On-farm evaluation of some promising bread wheat Lines. *Bangladesh J. Prog. Sci. & Tech.* **2(2): 137-140.**
23. **Awal, M. A.,** M.R. Ali., K. M.E. Chowdhury and M. A. B. Siddique.2005. Economic study of BARI technology related to wheat production. *Bangladesh J. Progress. Agric.* **162(1): 265-272.**

24. **Awal, M. A., S. Khatun., S. C. Sarker and M. Y. Ali.** 2005. Profitability of mustard production under different management practices. *J. Bangladesh Soc. Agric. Sci. Technol.* 2(3&4):13-16.
25. **Awal, M. A., M. F. Imam and M. K. J. Bhuiyan.** 2005. Innovation of the appropriate model for growth analysis and forecasting of leather export in Bangladesh. *Bangladesh J. Environ. Sci.* 11 (2):456-460.
26. **Awal, M. A., M.S. Alam, M. A. Mannan and M. A. Hossain.**2005. Brinjal cultivation practices: An economic analysis. *Bangladesh J. Agril. Res.* 30(2):301-309.
27. **Awal, M. A., M. F. Imam, M. H. Kabir, S. C. Sarkar and M. H. Rahman.**2006. A comparative economic study of Boro rice cultivation under BRRI recommended packages and farmers' management practices. *Bangladesh J. Environ. Sci.* 12 (2):360-365.
28. **M.A. Awal, M. F. Imam, S. C. Sarkar and M. K. J. Bhuiyan.** 2006. Resource Use efficiency of BRRI dhan-29 Boro paddy production at Sherpur District in Bangladesh. *Bangladesh J. Agril. Sci.*33(2). 175-180.
29. **M.A. Awal, S. R. Saha; M. M. Khaled and M. A. Khan.**2007. An economic analysis of sweet potato cultivation in some selected char area of Bangladesh. *J. Bangladesh Univ.*5(1). 159-167.
30. **M.A. Awal, M. A. H. Bhuiyan, M. S. Rahman and M. R. Ali.** 2007. Profitability of recommended fertilizer on Wheat-Jute-T. Aman cropping pattern under irrigated condition. *Bangladesh. J. Agric. and Environ.* 3(1). 47-55.
31. **Awal, M. A., M. E. Haque and M. F. Imam.** 2007. Deterministic Models for Growth Analysis and Forecasting of Rice Production in Bangladesh. *Bangladesh J. Agril. Res.* 32(4): 603-620.
32. **Awal, M. A., A. K. M. A. Habib and M. A. Hossain.**2007. A Study on Comparative Performance of Hybrid and Conventional Rice Varieties and Aman Season. *J. Agric.Rural Dev.,*5(1&2):13-16
33. **Awal, M. A., S. A. Sabur and A. S. M. Anwarul Huq.**2007. Price Integration in Potato Markets of Bangladesh. *Bangladesh J. Agril. Econs.* XXX, (2):69-80.
34. **Awal, M. A., S. A. Sabur and M.I.A. Mia.** 2008. Estimation of vegetable Demand Elasticity in Bangladesh: Application of Almost Ideal Demand System model. *Bangladesh J. Agril. Econs.* XXXI, 1 & (2):35-60.
35. **Awal, M. A., M. A. B. Siddique.**2011. Rice Production in Bangladesh Employing By ARIMA Model. *Bangladesh J. Agril. Res.* 36(1):51-62.
36. **Awal, M. A., S. A. Sabur and M.I.A. Mia.**2009. Spatial Price Integration and Pricing Efficiency of Export Market Level. A case of Bangladeshi Exportable Fresh Vegetables Markets. *Bangladesh J. Agril. Econs.* XXXII,1&):1-16.
37. **Awal, M. A., S. A. Sabur and M.I.A. Mia.** 2010. Forecasting of Agricultural Export Earning of Bangladesh: An Empirical Study of Fresh Vegetables and Fruits Markets. *Bangladesh J. Agril. Econs.* XXXIII, (1&2):23-39.

(a) Scientific papers as a Co-author: 31 (Thirty one) (38-68)

(International: 02 and National: 29)

**International: 02 (two)**

38. Ahmed, S, S. R. Saha, M. N. Uddin, S. S. Choudhury, **M. A. Awal**, and M. A. Salam. 2003. Performance evaluation of some cauliflower genotypes in th Easter region of Bangladesh. *Pakistan J. Bioll Sci.* **6(31): 1792-1794.**
39. M. E. Haque, M. F. Imam and **M. A. Awal**. 2006. Forecasting Shrimp and Frozen Food Export Earning of Bangladesh using ARIMA Model. *Pakistan Journal of Biological Science* **9(12):2318-2322.**

**National: 29 (Twenty nine)**

40. Islam, M. R; M.S. Rahman; M. H. Rahman; **M. A. Awal** and S.M.G. Hossain.1999. Effect of date of transplanting on yield attributes of two advanced mutants of rice in aman season. *Bangladesh J. Nuclear Agric.***15: 34-40.**
41. Rahman, M. S., M. Eunus, M. Biswas and **M. A. Awal**. 1999. Effect of planting methods and sowing time on the yield and yield contributing characters of Mungbean (*Vigna radiata* L.). *Bangladesh. Agron. J.* **9(1&2): 15-21.**
42. Nabi, M.N; **M.A. Awal**; S. Alam; M.G.F. Mia; and M.R. Islam.2000. A study on beef cattle marketing in some selected areas of Mymensingh and Netrakona districts. *Bangladesh J. Progress. Agric.* **11(1&2): 235-242.**
43. Hasan, M. K, **M. A. Awal** and S.R. Saha.2003. Production practices and input output relationship of onion seed- a micro level study in Bangladesh. *Bangladesh J. Prog. Sci.&Tech.***1 (1): 63-68.**
44. Rahman, M.S.; M. Eounos Ali and **M. A. Awal**. 2003. Dry matter partitioning of Mungbean. *Bangladesh J. Train. Dev.* **15(1): 183-190.**
45. Nag. B. L., M.A. Rahman, **M.A. Awal**, M. S., Alam and S.A. Begum. 2003. Effect of sowing time and condition on yield of groundnut. *Bangladesh J. Prog. Sci.&Tech.* **1(2): 123-126.**
46. Rahman, M. S., M. R Ali, F.R. Khan, M. Ahmed and **M. A. Awal**.2003. Study on growing vegetables round the in homestead at farming systems research and development (FSRD) Site, Narikeli, Jamalpur. *Bangladesh J. Prog. Sci.&Tech.* **1(2): 147-150.**
47. Hasan, M. K., M. A. Hossain., **M.A. Awal** and D. A. Choudhury.2003. Evaluation of fertilizer application practices in major cropping pattern system under selected areas of Bangladesh. *Bangladesh J. Agril. Res.* **28(4) :481-492.**



48. M. G. F. Mia, M. S. Rahman and **M. A. Awal**. 2003. Efficiency of fish marketing of the selected pond fish owners in Mymensingh Districts. *Bangladesh J. Training and Dev.* **16(1&2)** :97-105.
49. Khan, M. S. I., M. S. Uddin, M. A. H. Bhuiyan, M. A. Hossain and **M. A. Awal**.2004. Studies on late planting potential of tomato varieties in the southern region of Bangladesh. *Bangladesh J. Agril. Res.* **29(2)** :213-218.
50. Nag. B. L., **M.A. Awal**, M. I. Islam, M. M. Khan and A. K. M. A. Habib.2004. Identification and morphological study of upland and low land weeds. *Bangladesh J. Prog. Sci.&Tech.* **2(2)**: 123-126.
51. Imam, M. F. **M.A. Awal** and M. K. J. Bhuiyan. 2006. Measurement of Growth rate, Instability and forecasting of Aus rice production in Bangladesh. *Bangladesh J. Agril. Sci.***33(1)** :85-92.
52. Huq, A. S. M. A., R. Begum and **M. A. Awal**.2005. Economics of Potato Processing in *Bangladesh. J. Agric. Educ. Techol.***8(1&2)**:17-22.
53. M. A. J. Alponi, **M.A. Awal**, M. M. Khaled, M. H. Kabir and K. M. Monituzzaman.2007. Adoption of IMP Technology in vegetables cultivation in selected areas of Bangladesh. *Bangladesh J. Environ. Sci.* **13 (1)**:156-161.
54. M. M. Khaled, K. Biswas and **M. A. Awal** .2007. Grameen motso foundation (GMF) pond fish farming in Sirajgonj: *A socio-economic profile. J. Bangladesh Soc. Agric. Sci. Tehnol.*,**4(1&2)**: 85-88.
55. K. Biswas, **M. A. Awal**, M. M. Khaled and M. A. Sattar.2007. Sharing arrangement and factors affecting productivity of Joysagar fish farms under Sirajgonj District. *Bangladesh J. Agril. Sci.* **34(2)**:127-133.
56. Hasib Ahsan, Dilruba Anjuman, **M. A. Awal**, M. F. Imam. 2007. Growth analysis and forecasting of natural gas consumption of Bangladesh. *Bangladesh J. Environ. Sci.* **13(2)**: 268-275.
57. M. A. J. Alponi M. H. Kabir, K. M. Monituzzaman, and **M.A. Awal**. 2007. Relative Profitability of IPM Technologies of Vegetable Cultivation in Bangladesh. *Bangladesh Journal of Extension Education* **19(1&2)**:1-10.
58. K. M. Monituzzaman, **M. A. Awal** and M. H. Kabir and.2008. Use of IPM in egg plant cultivation and its relative advantages over farmers' practices. *Bangladesh J. Environ. Sci.***14(1)**:48-53.
59. M. A. J. Alponi, K. M. Monituzzaman,**M.A.Awal** and M. H. Kabir.2006. Comparative study of IPM technologies and farmers' conventional pest management practices on cabbage cultivation. *Bangladesh Journal of Extension Education* **18(1&2)**:81-87.
60. S. A. Sabur, M.S. Palash, **M. A. Awal** and K.T. Rahman .2010. Shrimp export from Bangladesh: Effect of war and trade liberalization. *Bangladesh Journal of Agril. Univ.***8(1)**:127-132.

61. K.M.E. Chowdhury, **M. A. Awal**, M.H. Kabir and M.E.H. Sarker.2010. Adequacy and repayment of livestock credit of the BRAC in some selected areas in Dinajpur. *Intl. J. BioRes.8 (2):79-84*
62. K.M.E. Chowdhury, S.S. Biswas, **M. A. Awal** and M.H. Kabir. 2010. A socio-economic study on pond fish farmers in Mymensingh District. *Intl. J. Soc. Dev. Inf. System.1 (3):16-21.*
63. K.M.E. Chowdhury, S.S. Biswas, M.H. Kabir and **M. A. Awal**. 2010. A profitability study of pond fish culture in Mymensingh District. *Intl. J. Sustain. Agril. Tech.6 (5):35-40.*
64. K.M.E. Chowdhury, M.H. Kabir, **M. A. Awal**, and M.E.H. Sarker.2010. Socio-economics study of farm families in milch cow rearing and beef fattening programme under BRAC. *Intl. J. BioRes.8 (5):49-60.*
65. K.M.E. Chowdhury, M.H. Kabir, **M. A. Awal**, and M.E.H. Sarker.2010. Profitability and Socio-economics change of livestock credit of BRAC. *Intl. J. BioRes.8 (6):1-18.*
66. M. Rezaul Karim. **M. A. Awal** and M. Akter. Forecasting of wheat production in Bangladesh. *Bangladesh J. Agril. Res. 35(1) :17-28.*
67. M. Mohiuddin., M. M. Rahman., **M. A. Awal** and M. A. Mannan. 2010. An Economic Assessment of Pesticide Use on Brinjal Cultivation at Chittagong Region. *Bangladesh J. Seed Sci & Tech. 14 (1&2): 123-130.*
68. M. M. U. Molla, S. Akhtar, **M. A. Awal** and M. S. Hossain. 2013. Comparative Profitability Among Tossa, White Jute and Kenaf Cultivation at Farm Level in Bangladesh. *Bangladesh J. Jute Fib. Res. 30 (1-5): 51-56.*

### iii) Short communication as a Co-author-03 (Three)

69. Saha, S.R., S. Ahmad, M.S. Alam, **M.A. Awal** and S.A., Begum.2003. Effect of picking time on the performance of spinach grown under mango tree. *Bangladesh J. Prog. Sci.&Tech.1(1):101-102.*
70. Saha, S.R., S. Ahmad, M. S. Alam, M. Nazim Uddin, and **M. A. Awal**. 2003. Production of spinach seed under mango tree. *Bangladesh J. Prog. Sci.&Tech. 1(1): 217-218.*
71. Hasan, M. K., and D. A. Choudhury, S. M. Assduzzaman, **M.A. Awal** and M. Akter Hossain. 2004. Household organic materials and crop residue management in different areas of Bangladesh. *Bangladesh J. Agril. Res. 29(4) :659-664.*

### Popular Article: 04 (Four)

৭২. ড. এম. আউয়াল ও উত্তম কুমার সরকার. ২০১০. জোড় কলম (গ্রাফটিং পদ্ধতিতে বেগুন ও টমেটো চাষ। দৈনিক জাহান ২১ ডিসেম্বর ২০১০
৭৩. ড. মোঃ আবদুল আউয়াল ও ড. মোঃ আল-মামুন, ২০২৩. বাংলার পাটজাত পণ্য: বর্ষপণ্য ২০২৩। কৃষিকথা, ফাল্গুন ১৪২৯। পৃষ্ঠা: ৭-৮।
৭৪. পাট এখনও সোনালী আঁশ হিসেবে পরিচিত বিষয়ক শিরোনামে ড. মোঃ আবদুল আউয়াল, মহাপরিচালক, বিজেআরআই এর সাথে বাংলা ইনসাইডারের সাক্ষাৎকার। Retrieved from <https://www.banglainsider.com/inside-talk/137501>

৭৫. ড. মোঃ আবদুল আউয়াল, ২০২৩. পাটের অপার সম্ভাবনা এবং করণীয়। জাতীয় পাট দিবস ২০২৩, বস্ত্র ও পাট মন্ত্রণালয়।  
পৃষ্ঠা: ৪০-৪৪।

## **Abstract: 16 (Sixteen)**

### **iv) Abstract as a principal Author-07 (Seven)**

76. **Awal, M. A** and S.R. Saha.2003. Commercial cultivation of guava in southern region of Bangladesh: A micro level study.P.48. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society held at Dhaka University during 12-14 January.
77. **Awal, M. A and S. R.** Saha.2003. Relative profitability of onion cultivation with some other competitive spice crops in Bangladesh. P.49. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society held at Dhaka University during 12-14 January.
78. **Awal, M. A** and S.R. Saha. 2003. Brinjal cultivation practices: An economic analysis International Botanical Conference. P.50. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society held at Dhaka University during 12-14 January.
79. **Awal, M. A.,** A.K. M.A. Habib, M. I. Akhtar, B.L. Nag and M.I. Rahman. 2003. Utilization of Neem Tree in Bangladesh. P.47. Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society held at Jahangirnagar University, Savar, Dhaka during 29-30 December.
80. **Awal, M. A.,** A.K. M.A. Habib, M. I. Akhtar, M.I. Islam and M. A. Rahman.2003. A Study on Economic Profitability of Onion Cultivation in Some selected Areas in Bangladesh. P.80. Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society at Jahangirnagar University, Savar, Dhaka during 29-30 December.
81. **Awal, M. A.,** A.K. M.A. Habib, M. I. Akhtar, M.I. Islam and M.A., Rahman. 2003. An Economic Study of Wheat Power Seeder Developed by CIMMYT. P.81. Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society at Jahangirnagar University, Savar, Dhaka during 29-30 December.
82. **Awal, M. A.,** A.K. M.A. Habib, M. I. Akhtar, M. I Islam and B.L. Nag. 2003. A Study on Input Use Efficiency in Aman Rice Production at the Southern Region of Bangladesh. P.82. Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society at Jahangirnagar University, Savar, Dhaka during 29-30 December.

### **ii) Abstract as a Co-author-09 (Nine)**

83. Nag, B.L., M. A. Rahman, M. M. R. Talukder and **M. A. Awal.** 2003. Intercropping of onion, garlic, coriander and chilli with coconut.P.43. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society held at Dhaka Univ. during 12-14 January.

84. Saha, S. R and **M. A. Awal**. 2003. Hybrid summer tomato in Bangladesh: A break-through. International Botanical Conference.P.45. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society held at Dhaka University during 12-14 January.
85. Saha, S. R., **M. A. Awal** and Alam, M. S. 2003. Feasibility of growing tomato during Summer and rainy seasons in Bangladesh.P.46. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society at Dhaka University during 12-14 January.
86. Nag B.L., M. A. Rahman, M.S. Alam and **M. A. Awal**.2003. Effect of row spacing on the yield attributes of mungbean.P.46. Published in the Abstracts of the International Botanical Conference Organized by the Bangladesh Botanical Society held at Dhaka University during 12-14 January.
87. Nag, B.L., M. A. Rahman, **M. A Awal** and M. M. R. Talukder. 2003. Effect of nitrogenous fertilizer on the yield and yield attributes of mungbean.P.47. Published in the Abstracts of the International Botanical Conference. Organized by the Bangladesh Botanical Society held at Dhaka University during 12-14 January.
88. Nag, B.L, **M. A. Awal**, A.K. M.A. Habib M. I. Akhtar and M.A. Rahman.2003. Effect of Sowing Time on the Performance of Maize at the Southern Region of Bangladesh. P.83.Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society at Jahangirnagar University, Savar, Dhaka during 29-30, December.
89. Nag, B.L, **M. A. Awal**, A.K. M. A. Habib, M. I. Akhtar and M. I. Islam.2003. Effect of Sowing Time and Variety on the Performance of Wheat at the Southern Region of Bangladesh. P.84. Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society at Jahangirnagar University, Savar, Dhaka during 29-30, December.
90. Nag, B.L, **M. A. Awal**, A.K. M. A. Habib, M. I. Akhtar and M.I. Islam.2003. Efficiency of various Containers on Storage of Khesari. P.85. Published in the Abstracts of the Annual Botanical Conference. Organized by the Bangladesh Botanical Society at Jahangirnagar University, Savar Dhaka during 29-30 December.
91. M. M. Khaled and **M. A. Awal**. **2007**. Handicraft, a Vital Means of Livelihood for Rural Women in Jamalpur. A seminar of “Poverty Alleviation through Agricultural Research in Bangladesh: Challenges for the 21<sup>st</sup> Centaury”. Organized by Ph. D. Student Association, Bangladesh Agricultural University, Mymensingh, during 16 June, 2007.

## 15. Research achievement (SO to SSO):

i) No. of technology developed (Participation in Technology developed and transfers activities): **Total 34 (Thirty four)**

<b>Name of the technology developed</b>	<b>Present Status of adaptation</b>	<b>Remarks</b>
1. Agri-economic use of power tiller utilization in Sherpur and Jamalpur	About 70% of the farmers have been using the power tiller instead of draft power in the selected areas	Farmers adapted this technology because it profitable
2. Farm level identification of fertilizer use pattern on winter vegetables in Sherpur and Jamalpur	At present about 55 % farmers use balanced fertilizer in winter vegetables in the study area	Farmers use judiciously this technology.
3. Assessment of Minot Irrigation Equipment	Utilization of minor irrigation equipment have been increased day by day	About 60% farmers in the study area accepted this technology
4. Poultry production and their Utilization at FSRD site, Narikeli, Jamalpur	About 60% farmers highly accepted modern poultry rearing techniques	Farmers are highly benefited by adapting this technology
5. Livestock production and their utilization at Farming System Research System (FSRD) site, Narikeli, Jamalpur	About 50% farmers of study area accepted this technology	As a beneficial technology, farmers are highly involved livestock rearing
6. Yield gap analysis of mustard, boro, wheat, and potato	Farmers are encouraged to follow BARI production technology	Now, farmers are conscious of BARI technology
7. Integrated farming System (Modern package of technologies for crop production and preservation, which is holistic approach in ameliorating socio-economic condition of the farmers. In addition, growing potato yam on the homestead trees, homestead gardening round the year, BARI improved Chula, controlling mango hopper by spraying insecticides, rearing poultry by improved methods, vaccination and urea molasses straw (UMS) diet of cattle, cultivation of spices under shade are integrated)	Most of the farmers practice integrated farming system in the study area	Farmers utilized kitchen and animal waste, manures, crop residue, poultry waste, cowdung to produce compost and use their farms. It helps to improve soil fertility and moisture conservation for high crop production. It provides cash flow to the farmers round the year
8. Production and Marketing of Guava in the southern region of Bangladesh	Farmers are encouraging to organized co-operative society	Farmers are ready to form co-operative society
9. Profitability of onion cultivation with some competitive spices crops	Most of the farmers cultivate onion compared to other spices	Farmers are benefited more in onion cultivation.
10. BARI technology village	Social status is increasing	Selected farmers are benefited from BARI technology
11. Gender analysis	Women are engaged are various farm activities like gardening, watering, winnowing,	Women participation increase day by day

<b>Name of the technology developed</b>	<b>Present Status of adaptation</b>	<b>Remarks</b>
12. Produced broom, rope, baskets, toys, fan, hookka (smoking device), door mat, floor brush, bed-cushion from coconut trees, leaves, coconut shell, and coconut husk.	Women and old of the family member were involved in processing husks into fibre and different production from it. Per day production 300-500g/person. Children also help in this work.	Introduction of decorticating machine has generated employment opportunity of the farming community particularly women beneficiaries.
13. Production program of BARI Sarisha 9,14 & 15 in Mustard-Boro-T. aman cropping pattern	70% farmers' in the locality are well adapted after intervention of these varieties and able to utilize the fallow land effectively after T. aman harvest (short duration T. Aman varieties).	Higher yield and economic return is possible compared to existing local varieties.
14. Bacterial wilt management of brinjal and tomato through grafting with wild eggplant rootstock ( <i>Solanum torvum</i> )	Followed by the growers to a large extent due to decreased mortality rate and higher yield.	This technology has positive impact on yield and environment
15. Extension of potato growing areas with BARI TPS-1	Farmers' express their satisfaction with more yields of tuber let and interested to cultivate in the present situation.	For dissemination more efforts from research and extension services are necessary.
16. Cultivation and multiplication of Elephant foot yam (Madrahee Oal)	Farmers preferred the variety for its potential yield and palatability.	Special attention is necessary to protect this variety from extinction.
17. Evaluation and extension of sustainable intercropping technology (maize with garden pea)	Followed by the growers to a considerable amount due to quick return and more benefit compared to sole cropping.	Agronomic viability and economic profitability play a vital role to sustain this technology.
18. Production program on use of Urea Super Granule (USG) on cabbage	Farmers are much interested due to 20% less requirement of urea as USG.	Availability of USG in the local market is necessary for sustainability.
19. Homestead gardening with liquid bio-slurry	A positive response and significant change already exist in the study area due to higher economic return and meet up of nutritional deficiency. Female labour can be utilized properly in this technology.	Follow up program is necessary for further motivation.
20. Rice cultivation using bio-slurry with IPNS basis fertilizer	80% farmers in the study area already accepted this technology.	Technology needs to be popularized through training and workshop.
21. Extension of Panikachu growing area with BARI Pankkachu-2	Farmers are highly adapted with the variety for its potential yield and palatability.	Combined efforts of research and DAE are necessary for further extension.
22. Extension of Maize growing area with BARI hybrid maize-5 & 7	60% farmers become familiar with these varieties and feel strong interest for cultivation.	Higher yield and economic return are possible compared to existing local varieties.
23. Extension of Pulse growing area with BARI mung-5 & 6	70% farmers of the study area positively accepted due to higher yield and short duration character.	Technology needs to be popularized through training and workshop.

<b>Name of the technology developed</b>	<b>Present Status of adaptation</b>	<b>Remarks</b>
24. Cucumber cultivation using bio-slurry with IPNS basis fertilizer	Farmers' already used bio-slurry with a view to maintain fertility status of soil.	More research and extension work are necessary to boost up this technology
25. Year round vegetables production program in the homestead	60% farmers are highly adapted with this technology.	Short term return and nutrition supply are the major outcome of this technology.
26. Extension of Soybean growing area with BARI Soybean-5	Farmers' show interest due to potential yield and economic return.	For dissemination more efforts from research and extension services are necessary.
27. Extension of groundnut growing area with BARI Cinabadam -6 & 8.	60% farmers of the study area positively accepted due to higher yield and oil content.	Technology needs to be popularized through training, workshop and extension activities.
28. Dissemination of the BARI released fruits varieties at BARI technology village e.g., BARI Aam- 1, 2, 3, BARI Malta-1, BARI Litchi-3, BARI Payara-3, BARI Lotcon-1, BARI Sofeda-1 etc.	Farmers of BARI technology village highly accepted these varieties as new to them and having high yield potential.	Long term return and nutrition supply are the main outcome of this technology.
29. Extension of lentil growing area with BARI Masur -5 & 6.	50% farmers in the study area already accepted this technology.	For dissemination more efforts from research and extension services is necessary.

### **15. Research achievement (PSO and CSO):**

A total of 36 research activities under "Research Grant" of BARC and 108 SPGR sub-projects of NATP were implemented by the NARS institutes and associated organizations led by BARC. I was responsible to coordinate, monitor, and evaluation of the "Research Grant projects" of BARC and SPGR sub-projects. The research programmes were the varietal improvement, agronomic management, soil organic matter management, irrigation and water management, pest management, post-harvest processing and marketing, farm mechanization, feed and nutrition of livestock/fish, climate change, socioeconomics, ICT in Agriculture and Disaster Management etc. The following technologies were developed from the Research Grant projects:

- Two salines tolerant (up to 10 dS/m) rice cultivars for coastal areas
- 2 (two) aromatic rice varieties were released,
- Three heat tolerant tomato lines were identified
- Three germplasm of wheat were found as a promising heat tolerant variety
- Technology for the blending of jute and cotton for fabric production
- Breeding between Black Bengal goat and buck
- Seed bull for the purpose of pure breed development of milking cows
- Breeding techniques of three extinct/rare fish species (Mohashol, bagair and Baim)

- Remote controlled guti urea applicator
- Some promising lines are identified as gynodioecious in papaya.
- GA<sub>3</sub> is found suitable for seedlessness in guava.
- Modern gladiolus varieties are disseminated in different locations etc.

## 16. Outstanding achievement:

### (a) MS thesis supervises: 01 (one)

**The title of the MS thesis:** Marketing efficiency and Transaction cost analysis of Maize: A case study from Gaibanda district of Bangladesh by A. K. M. Golam Kausar. Submitted the thesis “Department of Agribusiness and Marketing”, Bangladesh Agricultural University, Mymensingh, December-2012.

### (b) Received Awarded 03 (Three):

- (i) Awarded received PhD letter from BARC under Revenue budget, 2004.
- (ii) Awarded received from “Institute for sufficiency economy research and promotion-ISERP Chiang Mai University in Thailand” December 13, 2013.
- (iii) Awarded received from Cornell University, Ithaca, USA in discipline of Agricultural Economics in March 18- October18, 2013.
- (iv) Awarded received from ESCAP in Asian and Pacific Centre for Transfer of Technology in September 2-3, 2014.

### (c) Outstanding achievement (SO to SSO):

1. I evaluated the socio-economic programme specially yield gap analysis in different crops production in the farmers field during the period of 29 December, 1999 at OFRD, BARI, Joydebpur, Gazipur.
2. I evaluated the progress of the socio-economic programs in Agricultural Economics division in BARI, Joydebpur, and Gazipur during the period of 7 to 8 March in 1999.
3. I participated in Participatory Rural Appraisal (PRA) programme during the period 3 to 4<sup>th</sup> February in 1998, BARI, Joydebpur, Gazipur.
4. I have completed “**Block demonstration Farmer Survey**” at Chonkanda Block in Jamalpur Sadar during 14 November 1999.
5. I actively participated in the Departmental Regional and Central workshop in (On-Farm Research Division) OFRD and Agricultural Economics Division, BARI, Joydebpur, Gazipur
6. I collected wheat research survey data in different areas in Jamalpur districts during the period in 1999.
7. I was active member of Farming System Research and Development (FSRD) site, Narikelli, Jamapur and also regularly visit, monitoring, and evaluation the research programs at FSRD site.
8. I actively participated different auction programme at RARS, BARI, Jamalpur
9. **Farm and labour management:** I acted as a Farm Superintendent (FS) of RARS, BARI, Jamalpur during 01 January to 30 April 2002 at the RARS, BARI Rahmatpur, Barisal during 01 February to 30 may 2004. I had to manage 70 field staff and 250 labours in 250 hectares farm of the RARS.



10. I participated in Agricultural Technical committee (ATC) at RARS, BARI, Jamalpur.
11. I involved in the COGENT project entitle” Enhancing the Income and Employment in the coconut Sector through conservation and use of tender Coconut” at Banari para under Barisal District. A base line survey conducted from the coconut growers to identify variety diversity and profitability of coconut in the selected area. Farmers were encouraged to produced broom, rope, baskets, toys, fan, hookka (smoking device), door mat, floor brash, bed-cushion from coconut trees, leaves, coconut shell, and coconut husk.
12. I was in charge of the Engineering Section of the RARS, BARI, Rahmatpur, Barisal during 01 February 2003 to 26 July 2004. I managed all the repairing and maintenance activities of the RARS. I supervised the road, Spices Goudawn and boundary wall contraction, land development activities, residential house repairing in RARS, Jamalpur and Rahmatpur.
13. I was active member of BARI technology village in Hatchandra, Jamalpur and Khudrakathi, Babugonj, Barisal. I supervised and monitoring the BARI technology village regularly and participated the “BARI technology village:
14. I was in charge of guesthouse at RARS, Rahmatpur, BARI, Barisal during the period from 2002 to 2003.
15. I was active member of the tender committee of different engineering activities at RARS, Rahmatpur, BARI, Barisal in 2003.
16. I have completed the Ph.D. degree from the Bangladesh Agricultural University, Mymensingh under the supervision of Dr. S. A. Sabur, Professor, Department of Agribusiness and Marketing, Faculty of Agricultural Economics and Rural Sociology in 30 August 2008. The title of the Ph. D dissertation is “A Study on Exportable Fresh Vegetables Marketing System in Bangladesh”.
17. I was General Secretary (GS) of Ph.D., Students Association of Bangladesh Agricultural University (BAU), Mymensingh in 2006-2007. I was also Chairman of editorial board of publication committee of Ph.D., Students Association, BAU, Mymensingh who yearly published a Souvenir for the finding of the results of Ph.D., research works.
18. I was joint the Senior Scientific Officer, On-Farm Research Division (OFRD), Bangladesh Agricultural Research Institute (BARI), Mymensingh during March,2009 and Developed, Planning, Monitoring and execution of different On-farm research activities.
19. I participated in the workshop entitle “Research and Development of Oil seed crops in Bangladesh and Future Challenges in 29-30 April ,2009
20. I acted as a “**Resource Person**” in the farmers training of Bio-slurry project at OFRD Kishoregong during 04 April 2009.
21. I actively participated Internal Review Workshop and Future Programme Planning at Agricultural Economic Division, BARI, Joydebpur, Gazipur in 8-19 July,2008-09.
22. I participated Agricultural Economics, Marketing and Rural Sociology Research Review Workshop and Future Programme Planning at BARC, Farmgate, Dhaka in 23 June, 2008-09.
23. I was active member of **Programme Planning of Oilseed Research Centre (ORC)**, BARI, Joydebpur, Gazipur-1701.

24. I participated **Internal Review Workshop and Future Programme Planning Oilseed Research Centre (ORC)**, BARI, Joydebpur, Gazipur-1701 in 25-27 July,2009
25. I active member of Hub (Objective-1) of CSISA project.
26. I am active member of DECC Committee under NATP project monitoring and evaluation team in DAE, Khamarbari, Mymensingh.
27. I acted as a “**Resource Person**” in the farmers training of Integrated Crop management (ICM) at OFRD Kishoregong during 26-27 April 2009.
28. I was active member and participated “Seasonal Progress Review Workshop (Karif I and II) on Bio-slurry Management and Utilization in Crop Production during 8 August,2010.
29. I am active member of project “জলবায়ু পরিবর্তন মোকাবেলায় খরা প্রবণ ও উপকূলীয়/লবনাক্ত এলাকায় টেকসই ব্যবস্থাপনা উদ্ভাবন প্রকল্পের খরিপ-১ মৌসুমে গবেষণা কর্মসূচী প্রণয়ন”
30. To plan and conduct research on various cereals, pulse, oilseed, fruit and vegetables Crops.
31. Working as a principal investigator of advanced yield trials of various field crops
32. Working as a disseminator to the new technology of the farmer’s field
33. Activities related to extension-research-farmers linkage with a view to increasing adoption and sustaining technologies
34. To develop of modern production technologies of various crops
35. To study ecological and environmental impact on yield of various crops
36. To develop different cultural management techniques of various crops
37. To collect and compile data, analyze statistically and finally write report of the research findings.
38. To supervise the integrated crops management (ICM)and Bio-slurry project as resource person
39. To supervise scientists, field/office stuffs and lab technicians
40. Besides, he also acts as a resource speaker in training, field day, seminar and workshop for the trainers/the farmers/the extension personnel as and when needed
41. Participation on different Seminar/Workshop/Symposium in Bangladesh
42. Working as a principal investigator of farmers participatory research on integrated farming for improved livelihood for resource poor farm households
43. Analyzing and interpreting farmers’ problems, translating farmers’ problems into researchable problems and conduction of On-Farm Research, generating problem orientation and location specific technologies.
44. I am member of Supervisory committee of Department of Agribusiness and Marketing, Faculty of Agricultural Economics and Rural Sociology, BAU, Mymensingh.
45. I acted as a resource speaker in the field **day, training and workshop** at On-Farm Research Division (OFRD), BARI, Mymensingh during 2008-2009.

**(d) Outstanding achievement as a PSO:**

46. Coordinated the research activities of the NARS and associate organizations executed through the “Research Grant” of BARC. During 2013, a total of 36 research activities were implemented by different ARIs (BARI, BINA, BJRI, BFRI, SRDI) and associate

- organizations (BAU, SAU, Sylhet AU). I was actively associated with the proposal invitation, screening, fund allocation; approval and monitoring of these project activities.
47. Coordinating the activities of PIU-BARC: NATP Phase 1 in respect of Sponsored Public Goods Research (SPGR) and Human Resource Development. A total of 108 SPGR sub-projects were implemented in the year 2012, those were supervised and monitored by forming team. My involvement was also in the management of HRD activities like foreign and local Ph. D., post-doctoral programme, short-term training (local and foreign), seminar, symposium, workshop abroad etc.
  48. Worked as a member of the M & E cell of BARC and coordinated the M & E cell of the NARS institutes.
  49. Organized a training workshop on “Project Development and Management” as course coordinator.
  50. Organized an Annual Work Plan Workshop (2013-14 and 2014-15) on BARC activities.
  51. Organized a field monitoring workshop on the Research/Technology transfer activities implemented under “Research Grant” of BARC.
  52. Organized a field monitoring workshop on SPGR sub-project activities implemented under PIU-BARC
  53. Organized a progress review workshop on Research/Technology transfer activities implemented under “Research Grant” of BARC.
  54. Regular reporting to the Ministry of Agriculture on the progress of the project activities under ADP & work plan of BARC.
  55. Working as a member-secretary of Evaluation Committee of NARS Development of Project.
  56. Prepared a remarkable number of comments/suggestions (at least 15) on different policy papers and reports of Ministry of Agriculture.
  57. Prepared training manual on “Project Development and Management” in different years.
  58. Contributed to the preparation of Annual Report of BARC (2011-12 and 2012-13 and 2013-14)
  59. Prepared the proceedings of the progress review and monitoring workshop of the Research Grant projects.
  60. Prepared the proceedings of the progress review and monitoring workshop of the SPGR sub- projects.
  61. Prepared a comprehensive report on Present Status and Future Prospect of Agricultural Research in Bangladesh.
  62. I participated as an expert member in the Internal Research Reviews and Programme Planning Workshop 2014 of OFRD, BARI, Joydebpur Gazipur

63. I am an external Member of Interdisciplinary Centre for Food Security (ICF) Academic and Coordination Committee of Bangladesh Agricultural University (BAU), Mymensingh.
64. I participated workshop on “Gender and Rural Development” to be organized by BAU- BARC-WUR, Netherland collaborative project.
65. I am a Project Director (PD) “Adaptation to Climate Change and Rehabilitation of Livelihood in selected Districts of South Bangladesh (CLAP).
66. I am active member of preparation DPP of the Project “Strengthening of Bangladesh Agricultural Research Council’.
67. Development of Policy/Plan: Assisted with the preparation of documents of **Delta Plan-2100, Seven Five Year Plan**, and **Comprehensive Policy Plan for NARS (draft)** and other policies/plans developed by Ministry of Agriculture.



Signature of applicant :

(Dr. Md. Abdul Awal)

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