Biodata/CV of MOHAMMOD HOSSAIN
PSO, BRRI Barisal

1. Name : MOHAMMOD HOSSAIN
2. Father's name : Md. Abdul Manna
3. Mother's name : Minuara Begum
4. ~~Husband's~~/wife's name : Ayesha Siddiqua
5. Gender : Male/~~Female~~
6. Designation : Principal Scientific Officer
7. Institution : Bangladesh Rice Research Institute
8. Date of joining in the present position : 14.12.2014
9. Date of first joining in service : 20.08.1998 as SO (01.06.2006 as SSO)
10. Date of birth : 20.11.1970
11. Educational Qualification :

Name of the examination/Degree	Class/Grade/ Division/other	Board/University	Year of passing
S.S.C.	First	Rajshahi board	1986
H.S.C.	First	Rajshahi board	1988
B.Sc. Ag.	First	BAU, Mymensingh	1992 (held in 1996)
M.S. in Plant Pathology	First	BAU, Mymensingh	1998
European Master of Science in Nematology	Great Distinction	Ghent University, Belgium	2010
Ph.D.	Pass	BAU, Mymensingh	2015

12. Field of specialization : Plant Pathology (Molecular Techniques)
13. Training

In Country:

Organization	Year	Duration		Name of the Programme
		Mos.	Days	
BRRI	1998	2	0	Rice production, communication and office management
BARD	2000	3	15	Foundation Training
BARD	2000	0	28	Training on Motor Driving.
BARD	2000	0	28	Computer Application Course on MS Word, MS Excel, MS Power Point, SPSS and IRRISTAT.
BRRI	2001	0	3	Identification, sampling and data collection on RSB Disease Complex
BRRI	2002	0	3	Breeder seed production and preservation technique of rice
BRRI	2002	0	28	Introductory course in molecular biology
BRRI	2006	0	5	Hybrid rice development and seed production
BRRI	2012	0	7	Theory and practice of molecular breeding in rice
BRRI	2012	0	6	Theoretical and applied molecular breeding

(a) Abroad:

Organization	Year	Duration		Name of the Programme
		Mos.	Days	
IRRI, Philippines	1999	1	12	Rice seed health for crop management
IRRI, Philippines	2001		28	Development Integrated Nutrient Management options for delivery
CABI, UK	2002	1	26	Molecular Biology Techniques
Warwick HRI, UK	2004-5	6	0	Application of modern molecular bio-technological tools for fungal pathogens diversity and diagnostic
Ghent University, Belgium	2010	0	15	Permanent training "Low Countries Studies"

14. Experience:

Position	Period		Total Yr./Mo
	From	To	
SO	20.08.1998	08.06.2002	3-yr/10-mo
SO	09.06.2002	31.05.2006	4-yr/0-mo
SSO	01.06.2006	13.12.2014	8-yr/6-mo
PSO	14.12.2014	27.01.2015	0-yr/2-mo
PSO	28.01.2015	Continue	-
Part time lecturer, RAC, Rajshahi and later under RU, Rajshahi	11-04-1999	2002	Around two and half year

15. Publication

LIST OF PUBLICATIONS

Sl	Publications
Paper published in Peer Reviewed Reputed International Journal	
1	Hossain, M., M. U. Ahmad, N. Ahmed, M. Abul Hossain and M.A.Alim.2002. A study on control of root-knot (*Meloidogyne javanica*) of wheat. *Indian Agriculturist*, 46 (1 & 2): 121 -128
2	Kamal, M. M., M. Hossain, M. Sh. Islam and M. Moens.2003. Survey of plant parasitic nematodes in nursery stock of Belgium. *Bangladesh Journal of Zoology*, 31 (2): 177-183.
3	Padgham J. L., Duxbury J. M., Mazid A. M., Abawi G. S. and Hossain M. 2004. Yield loss caused by *Meloidogyne graminicola* on lowland rainfed rice in Bangladesh. *Journal of nematology*, 6(1): 42-48.
4	Hosen, M. J., M. Hossain and *et. al.* 2011. Effect of Bacterivorous and Predatory Nematodes on Macroalgal Detritus Decomposition. *Proceedings of the Pakistan Academy of Sciences* 48 (3): 137-142,
Paper published in other inter/national journal	
5	Hossain, M. Abul, M. Hossain and M.I.Hossain.2000. Performance of water soaking seeds on the duration and yield of groundnut (*Arachis hypogeae). J. Bio-Sci.* 8: 13-16.
6	Mazid M.A., M. Hossain, M.A.Hamid Miah and B. Karmakar. 2001. Vegetative propagation of hybrid rice as a seed saving device. *Bangladesh J. genet. Biotechnol*. 2 (1 & 2): 01-07.
7	Karmakar, B., M.A.Kader, B.Sikdar and M. Hossain. 2001. Agronomic response of hybrid and inbred rice to nitrogen fertilizer. *J. Bio-Sci*. 9: 31-38.
8	Hossain, M. and M. A. T. Mia. 2001. Management of sheath blight disease of rice under farmer's field condition. *Bangladesh J.Plant Pathol*. 17 (1 & 2): 13-16.
9	Hossain, M., M.A.Mazid, M.A.Begum, M.A.Kader and B.Sikdar. 2001. Effect of variety and seedling age on the yield of hybrid rice. *Bangladesh J. genet. Biotechnol*. 2 (1 & 2): 09-14.
10	Kader M. A., M. A. Mazid, B. Karmaker, M. Hossain and A. W. Julfiquar. 2002. Synchronization in flowering of parental lines of hybrid rice by phosphorus fertilizer. *J. Bio-Sci*. 10: 65-69.

Sl	Publications	
11	Hossain, M., Conrad Stevens, M. A. Taher Mia, M. M. Kamal, Sarah Elliot and Steven Wayne. 2003. Identification of rice seed associated bacteria and molecular standardization using Denaturing Gradient Gel Electrophoresis. *Bangladesh J.Plant Pathol*. 19 (1 & 2): 39	
12	Hossain, M. I., M. A. Mazid, M. Hossain, M. R. Uddin and A. K. M. Hafizur Rahman. 2003. Agronomic response of late transplanted photosensitive aman rice (BR22) to different levels of nitrogen and spacing. *Bangladesh J. Agril. Sci*. 30 (1): 29-35.	
13	Kader, M. A., M. A. mazid, M. K. Bashar, M. Hossain and A. W. Julfiquar. 2003. Effect of application of GA_3 on CMS seed production in rice (*Oryzae sativa* L.). *Bangladesh J. Pl. Breed. Genet*. 16 (2): 45-50.	
14	Hossain, M., M. A. Mazid, M. A. Kader, M. M. Kamal, M.A.T. Mia and I. U. Mollah. 2003. Effect of soil solarization and nematicide on soil parasitic nematode in direct seeded rice wheat system. *The Agriculturists*, 1(1): 47	
15	Latif, M. A., M. R. Islam, M. Y. Ali, M. Hossain and M. L. Rahman. 2004. Efficacy of three nematicides for the control of ufra disease of rice. *Journal of Agricultural Science and Technology*, 5 (1 & 2): 8-12.	
16	Hossain M., M. A. Mazid, B. Karmakar, M. M. Kamal, M. Sh. Islam, M. A. Ali and M. A. Zami. 2004. Agronomic management of hybrid rice for better yield. *Bangladesh Agronomy Journal*, 10 (1 & 2): 23-30.	
17	Azad, A. K. M., M. M. Kamal, S. H. Howlader, M. Hossain and A. M. Akhanda. 2005. Morphology of six isolates of *Colletotrichum* species and thrir host range. *Bangladesh J. Plant Pathol*. 21 (1 & 2): 71-76.	
18	Rahman, S. M., M. M. Kamal, M. Hossain and M. A. Ali. 2005. Morphological changes of bunchy top infected banana plant. *Bangladesh J. Plant Pathol*. 21 (1 & 2): 43-48.	
19	Haque, M. F., B. Karmakar, M. Hossain, S. Parveen and M. R. Islam. 2006. Effect of leaf curl disease on growth and yield of different cultivars of tomato. *Intl. J. BioRes*. 1(4): 26-30.	
20	Kamal, M. M., M. A. Tia, M. Hossain and N. R. Sharma. 2007. Diversity of the rice brown spot pathogen, *Bipolaris oryzae*, in Bangladesh assesses by genetic fingerprint analysis. *Bangladesh J. Plant Pathol*. 23 (1 & 2): 63-68.	
21	Hossain M., M. M. Kamal, M. A. Mazid and M. M. Rashid. 2007. Reduction of parasitic nematode by soil solarization in transplanted Aman rice-wheat system. *Bangladesh Journal of Agricultural Research*, 32 (4): 533-540.	
22	Hossain, M., M. M. Kamal, M.A. Ali and M. A.T. Mia. 2008: Evaluation of methods and primers to identify genetic variability of *Fusarium moniliforme*. *Bangladesh Journal of Plant Pathology*, 24 (1 & 2):1-6	
23	Latif, M. A., M, A, Ali, S. Akter, M. Hosssain, Q. S. Jahan, M. S. Kabir, N. R. Sharma, M. M. Rahman and M. A. T. Mia. 2009. Screening of genotypes, organic amendments and antagonistic bacteria for the management of sheath blight disease of rice. Eco-friendly Agril. J. 2 (7): 706-712.	
Books as Principal/Co-Author		
1	Ali MA, Ahmed HU, Ansari TH, Hossain M and Kabir Enamul. 2014. Identification of existing races of *Pyricularia grisea* and gene pyramiding for durable blast resistance in rice. PIU-BARC, BARC Complex, Farmgate, Dhaka-1215.	
Monograph as Principal/Co-Author		
2	Hossain, M.A., Sharma, N.R., Kamal, M.M., Jahan, Q.S.A., Kabir, M.S. and Hossain, M. 2006. Dissemination of integrated disease management practices through farmers' participatory field trial project. A training report on Agricultural Technology Transfer (ATT) Project. Submitted to Bangladesh Agricultural Research Council. New Airport Road, Dhaka 1215.	
3	Hossain, M.A., Mia, M. A. T., Hossain, M. and Latif M. A. 2007. Improvement of farmers' saved rice seed project. A report on Agricultural Technology Transfer (ATT) Project. Submitted to Bangladesh Agricultural Research Council. New Airport Road, Dhaka 1215.	
Bulletin as Principal/Co-Author		
4	Sharma, N. R., Rahman, M. M. and Hossain, M. 2003. Rhizoctonia sheath disease complex of rice. Output of the project ID R7778, Crop Protection Programme, DFID, UK and Published by Plant Pathology Division, BRRI, Gazipur, Bangladesh.	
5	Stevens, C., Kamal, M.M., Mian, M.S., Hossain, M. and Mia, M.A.T. 2003. Using Molecular Biology to study Plant Pathology. Presented in 'Communication Fair 2003'. Developed and Published by Steps Towards Development, Dhaka, Bangladesh.	
6	Rahman. M.M., Hossain, M. A., Mia, M.A.T. and Hossain, M. 2003. Management of important rice diseases. Presented in 'Communication Fair 2003'. Developed and Published by Steps Towards Development, Dhaka, Bangladesh.	
Seminar/Workshop/Symposium proceedings/Abstract/Popular article as Principal/Co-Author		
1	BRRI. 1999. Annual Report of Bangladesh Rice Research Institute 1998-1999, BRRI, Gazipur-1701,	

Sl	Publications	
	Bangladesh.	
2	BRRI. 2000. Annual Report of Bangladesh Rice Research Institute 1999-2000, BRRI, Gazipur-1701, Bangladesh.	
3	Anonymous. 2001. Annual Report of Bangladesh Rice Research Institute 2000-2001, BRRI, Gazipur-1701, Bangladesh.	
4	Mazid, M. A., M. Hossain, A.W. Julfiquar and M. A. Hamid Miah. 2002. Hybrid rice seed production: new technique and approach. A Proceeding paper on the workshop of Hybrid Rice in Bangladesh: Progress and future strategies. Published by DG, BRRI, Gazipur, Bangladesh.	
5	Anonymous. 2002. Annual Report of Bangladesh Rice Research Institute 2001-2002, BRRI, Gazipur-1701, Bangladesh.	
6	Anonymous. 2003. Annual Report of Bangladesh Rice Research Institute 2002-2003, BRRI, Gazipur-1701, Bangladesh.	
7	Hossain, M. and Mia, M.A.T. 2003. Management of sheath blight disease of rice in Farmar's field. A paper presented in the Thursday seminar held on April 10, 2003 at BRRI, Gazipur	
8	Mia, M.A.T., C. Stevens, M.M. Kamal, M. Hossain, M.S. Mian, S. Rahman and J.A. Begum 2003. Storage experiment and molecular activities at BRRI. A paper presented in the Review and Planning Workshop of Rice Seed Health Improvement Sub-Project held during April 22-23, 2003 at BRRI, Gazipur	
9	Anonymous. 2004. Annual Report of Bangladesh Rice Research Institute 2003-2004, BRRI, Gazipur-1701, Bangladesh.	
10	Hossain, M., C. Stevens, M.M. Kamal and M.A.T. Mia 2004. Molecular methods for identifying rice seed borne pathogen. A paper presented in the Thursday seminar held on February 26, 2004 at BRRI, Gazipur	
11	Hossain, M., C. Stevens, M.A.T. Mia and M.M. Kamal 2004. Standardization of DNA fingerprinting methods to identify genetic variability of *Fusarium moniliforme*. Abstract presented in the 6th Biennial conference of Bangladesh Phytppathological Society held on July 29, 2004 at BARI, Gazipur	
12	Rahman, M.S., M.M. Kamal, M. Hossain and M.A. Ali 2004. Changes in morphology of bunchy top infected banana plant. Abstract presented in the 6th Biennial conference of Bangladesh Phytppathological Society held on July 29, 2004 at BARI, Gazipur	
13	Mia, M. A. T., M. Hossain., and *et al.* 2004. Emerging technology to combat rice pests disease. A proceeding paper on the workshop of Modern rice culvation in Bangladesh. Published by DG, BRRI, Gazipu-1701.	
14	Azad, A.K.M., M.M. Kamal, S.H. Howlader, M. Hossain and A.M. Akanda 2004. Colletotrichum species in Gazipur district and their host range. Abstract presented in the 6th Biennial conference of Bangladesh Phytppathological Society held on July 29, 2004 at BARI, Gazipur	
15	Anonymous. 2005. Annual Report of Bangladesh Rice Research Institute 2004-2005, BRRI, Gazipur-1701, Bangladesh.	
16	Latif, M.A., M.S. Mian, M.M. Kamal, M.S. Kabir, M. Hossain, S. Akter, M.A.T. Mia, M.M. Rahman, M.A. Hossain and M.A. Nahar 2005. Effect of three organic amendments in controlling sheath blight disease of rice. Abstract presented in the workshop on Validation and Promotion of sheath blight disease management held on December 11, 2005 at BRRI, Gazipur	
17	Kabir MS, Hossain MA, Akter S, Latif MA, Hossain M and Mia MAT. Efficacy of organic amendment in controlling sheath blight disease of rice. Abstract presented in the 6th Biennial conference of Bangladesh Phytppathological Society held on July 29, 2004 at BARI, Gazipur	
18	Latif, M.A., M.S. Mian, M.M. Kamal, M.S. Kabir, M. Hossain, S. Akter, M.A.T. Mia, M.M. Rahman, M.A. Hossain and M.A. Nahar 2005. Efficacy of two biocontrol agents in controlling sheath blight disease of rice. Abstract presented in the workshop on Validation and Promotion of sheath blight disease management held on December 11, 2005 at BRRI, Gazipur	
19	Anonymous. 2006. Annual Report of Bangladesh Rice Research Institute 2005-2006, BRRI, Gazipur-1701, Bangladesh.	
20	Hossain, M. 2006. Dhaner Kholpora Rog Domon. Published in Krisi Katha, September-October, 2006 by ACI, Dhaka, Bangladesh.	
21	Anonymous. 2007. Annual Report of Bangladesh Rice Research Institute 2006-2007, BRRI, Gazipur-1701, Bangladesh.	
22	Hossain, M., Sreenivasaprasad, S., Meena, M. and Mia, M.A.T. 2007. Molecular study on *Rhizoctonia* sheath blight disease complex in Bangladesh. A paper presented in the Thursday seminar held on May 03, 2007 at BRRI, Gazipur	
23	Kamal M. M. and M. Hossain. 2007. Use of biotechnology and development of transgenics for crop disease management. Bakr, M. A., H. U. Ahmed, and M. A. W. Mian. (eds). 2007. Proceedings of the national workshop on "Strategic Intervention on Plant Pathological Research in Bangladesh" 11-12 February 2007, BARI (Bangladesh Agricultural Research Institute), Joydebpur, Gazipur, 344 pp.	

Sl	Publications	
24	Anonymous. 2008. Annual Report of Bangladesh Rice Research Institute 2007-2008, BRRI, Gazipur-1701, Bangladesh.	
25	Anonymous. 2009. Annual Report of Bangladesh Rice Research Institute 2008-2009, BRRI, Gazipur-1701, Bangladesh.	
26	Anonymous. 2010. Annual Report of Bangladesh Rice Research Institute 2009-2010, BRRI, Gazipur-1701, Bangladesh.	

16. Research achievements/Contribution –

(i) Research Program developed/Supervised/Executed/Technology developed

a. List of Research Program Developed

Sl.	Name of Research Program/Project Developed
1.	Management of root-knot (*Meloidogyne javanica*) of wheat. (MS study)
2.	Management of brown spot and grain spot of rice
3.	LCC based nitrogen management under Rice-Chickpea system in rainfed lowland ecosystem (RLRRC project)
4.	Identification of *Rhizoctonia* spp. in sheath blight disease complex and diversity study of *Rhizoctonia oryzae sativae* causing aggregated sheath spot in rice (Sheath blight project-DFID, UK)
5.	Survey and monitoring of sheath blight diseases in Bangladesh (Sheath blight project-DFID, UK)
6.	Integrated management of sheath blight disease of rice under farmer's field condition (RLRRC project)
7.	Agronomic management (spacing, seedling age and planting time) of hybrid rice for better yield.
8.	Interaction effect of variety and seedling age on the yield of hybrid rice.
9.	Reduction of parasitic nematode by soil solarization in transplanted Aman rice-wheat system.
10.	Methods for DNA fingerprinting to differentiate seed borne fungi of rice (PETRRA project)
11.	Evaluation of methods and primers to identify genetic variability of Fusarium moniliforme (PETRRA project)
12.	Identification of rice seed bacteria by using denaturing gradient gel electrophoresis (PETRRA project)
13.	Yield loss caused by *Meloidogyne graminicola* on lowland rainfed rice in Bangladesh.
14.	Effect of soil solarization and nematicide on soil parasitic nematode in direct seeded rice wheat system.
15.	Chemical control of sheath blight disease of rice
16.	Survey of plant parasitic nematodes in nursery stock of Belgium (M.Sc. Study)
17.	Role of plant hormones on the infection process of nematodes in rice (M.Sc. study)
18.	Effect of Bacterivorous and Predatory Nematodes on Macroalgal Detritus Decomposition (M.Sc. study)
19.	Survey and Epidemiology of blast disease in Bangladesh (PhD research)
20.	Identification of pathotypic variability of *pyricularia grisea* using monogenic lines of rice collected from IRRI (PhD research)
21.	Screening of rice germplasms for detection of resistant genes (*Pish, Pita, Pi9, Pita-2, Pib*) using specific primers (PhD research)
22.	Survey and monitoring of rice diseases in Bangladesh

(b) List of Research Program Supervised

Sl.	Name of Research Program Project Supervised

Sl.	Name of Research Program Project Supervised
1.	Yield loss caused by *Meloidogyne graminicola* on lowland rainfed rice in Bangladesh
2.	Genetic diversity of *Phomopsis vexans* by VNTR-PCR
3.	Genetic variability in bringal by VNTR-PCR
4.	Efficiency of different extraction techniques of nematodes (Students in Belgium, MSc programme)
5.	Observation of nematode feeding types and age structures in different habitats (Students in Belgium, MSc programme)
6.	Rearing of insect larvae (*Galleria mellonella*) to observe the interaction of entomopathogenic nematode (*Heterorhabditis* spp.) (Students in Belgium, MSc programme)
7.	Agronomic response of late transplanted photosensitive aman rice (BR22) to different levels of nitrogen and spacing (WRC, Rajshahi)
8.	Survey of rice sheath blight disease in Bangladesh (Students, RU, Rajshahi)
9.	On-Station trial for hybrid rice IR69690H (BRRI Hybrid dhan1)
10.	Regional yield trial for hybrid rice from different GOs and NGOs
11.	Proposed variety adaptive research trial for BR5969-3-2 (BRRI dhan39)
12.	Effect of Bacterivorous and Predatory Nematodes on Macroalgal Detritus Decomposition (MSc, Belgium)
13.	Agronomic response of hybrid and inbred rice to nitrogen fertilizer
14	Agronomic response of late transplanted photosensitive aman rice (BR22) to different levels of nitrogen and spacing
15.	Efficacy of organic amendment in controlling sheath blight disease of rice

(c) List of Research Program Executed

Sl.	Name of Research Program/Project executed
1.	Management of root-knot (*Meloidogyne javanica*) of wheat.
2.	Management of brown spot and grain spot of rice
3.	LCC based nitrogen management under Rice-Chickpea system in rainfed lowland ecosystem (RLRRC project)
4.	Identification of *Rhizoctonia* spp. in sheath blight disease complex and diversity study of *Rhizoctonia oryzae sativae* causing aggregated sheath spot in rice
5.	Survey and monitoring of sheath blight diseases in Bangladesh
6.	Integrated management of sheath blight disease of rice under farmer's field condition
7.	Agronomic management (spacing, seedling age and planting time) of hybrid rice for better yield.
8.	Interaction effect of variety and seedling age on the yield of hybrid rice.
9.	Reduction of parasitic nematode by soil solarization in transplanted Aman rice-wheat system.
10.	Methods for DNA fingerprinting to differentiate seed borne fungi of rice
11.	Evaluation of methods and primers to identify genetic variability of *Fusarium moniliforme*
12.	Identification of rice seed bacteria by using denaturing gradient gel electrophoresis
13.	Yield loss caused by *Meloidogyne graminicola* on lowland rainfed rice in Bangladesh.
14.	Effect of soil solarization and nematicide on soil parasitic nematode in direct seeded rice wheat system.
15.	Chemical control of sheath blight disease of rice
16.	Survey of plant parasitic nematodes in nursery stock of Belgium
17.	Role of plant hormones on the infection process of nematodes in rice
18.	Effect of Bacterivorous and Predatory Nematodes on Macroalgal Detritus Decomposition
19.	Survey and Epidemiology of blast disease in Bangladesh

Sl.	Name of Research Program/Project executed
20.	Identification of pathotypic variability of *pyricularia grisea* using monogenic lines of rice collected from IRRI
21.	Screening of genotypes, organic amendments and antagonistic bacteria for the management of sheath blight disease of rice.
22.	Vegetative propagation of hybrid rice as a seed saving device.
23.	Hybrid rice seed production: new technique and approach. A Proceeding paper on Hybrid Rice in Bangladesh

(d) List of Technology developed

Sl.	Technology developed	Page
1.	Contributed to the development of Hybrid dhan1 (BRRI, 2000)	
2.	Contributed to the development of Rice-Chickpea cropping pattern under rainfed lowland ecosystem (RLRRC Project) (BRRI, 2000)	
3.	Integrated management of sheath blight disease of rice. (Hossain and Mia, 2001)	
4.	Vegetative propagation of Hybrid rice as a seed saving device (Mazid *et al.*, 2001)	
5.	Seed treatment with neem extract significantly reduced galling incidence caused by *Meloidogyne javanica* in wheat and increased yield (MS thesis, Hossain *et al.*, 2002)	
6.	Contributed to the development of Rice-Wheat-Mungbean cropping pattern under rainfed lowland ecosystem (RLRRC Project) (Anonymous, 2002)	
7.	Contributed to the development of BRRI dhan42 (Anonymous,2003)	
8.	Contributed to the development of BRRI dhan43 (Anonymous,2003)	
9.	Contributed to the development of BRRI dhan44 (Anonymous,2003)	
10.	Soil solarization significantly reduced soil parasitic nematode in rice field (Hossain *et al.*, 2003 and 2007)	
11.	Rice yield at farmers level increased by 10-15% due to improvement of farmers saved seed (PETRRA Project)	
12.	Primer AFLP-C showed maximum FPTs of *Fusarium moniliforme* which would be used to identify genetic variability of *Fusarium moniliforme* in Bangladesh (Hossain *et al.*, 2008)	
13.	Contribution to identification of *Pi9*, *Pish*, *Pita* and *Pita2* as major blast resistant genes for Bangladesh which are using in gene pyramiding program (NATP-project/PhD research)	

(ii) Outstanding/Notable Research Contribution/Award/Honors Received/MS/PhD Thesis Supervised/Patent Registered

a) Outstanding performance:	(i) Received certificate on outstanding contribution to innovation in rice research suitable for the resource-poor farmers of Bangladesh from PETRRA project. (ii) Received GREAT DISTINCTION Certificate in Erasmus Mundus: European Master of Science in Nematology Degree from University of Gent, Belgium
b) Notable Research Contribution:	(i) Prepared action plan for two special projects and many other projects under regular research program like “Dissemination of Integrated Disease Management (IDM) through farmers’ participatory trial” and “Improvement of Farmers’ Saved Rice Seed Project”.

c) Award/Honors Received:	(i) FIRST CHAIRMAN'S AWARD received in Foundation Training. Funded by BARC and organized by Bangladesh Academy for Rural Development, Bangladesh (ii) Received DISTINCTION Certificate in Rice seed health for crop management training from IRRI, Philippines (iii)Received SECOND POSITION Certificate in Theoretical and Applied Molecular Breeding training under NATP *Saltol-Sub1* Project
d) MS/PhD Thesis Supervised:	(i) "Analysis of adaptation of the land races influenced by physical and chemical factors and selection for better yield in sesame (*Sesamum indicum* L.)"
e) Patent:	None
f) **Participation in technology transfer system, monitoring and evaluation**	(i) Attended Radio-Talks on different technology developed by BRRI as a speaker (ii) Acted as a regular resource person of different training courses conducted by Training Division and Regional station, BRRI, and occasional resource person in training program of other Government and Non-Government organizations (iii) Field evaluation of hybrid rice trial of different companies
g) **Member of scientific/professional organization**	(i) Krishibid Institution Bangladesh (KIB) – Life member (ii) Bangladesh Psychopathological Society – Life Member (iii) Bangladesh Botanical Society – General Member Bangladesh Rice Research Institute Scientists Association (BRRISA) - Member
h) **Others**	(i) Editorial Board Member of research journal (ii) Reviewed research papers for different inter/national journals (iii) Managed research station/division (iv) Participated in National/International workshop/symposium (v) Attended in field day program (vi) Attended visitors from different organizations (vii) Visited farmers fields to solve their problems (viii) Member in evaluation committee for recruitment (ix) Member in variety evaluation committee (x) Acted as assistant presiding officer in Municipal election 2004 (xi) Acted as a member in different committee

17. Referee:

a) Dr. M. Ansar Ali, Director (Research), Bangladesh Rice Research Institute, Gazipur

b) Dr. M. Delwar Hossain, Professor, Department of Plant Pathology, Bangladesh Agricultural University, Mymensingh.

Signature: Mohammod Hossain

Address: Principal Scientific Officer
BRRI, Sagardi, Barisal