

*Curriculum vitae*  
**Afsana Ansari**  
*PhD Fellow*  
*Institute of Crop Sciences*  
*Chinese Academy of Agricultural Sciences, Beijing*  
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## 1.0 Personal Information

- 1.1 Name: **Afsana Ansari**  
1.2 Father's name: Mohammad Ansar Uddin  
1.3 Mother's name: Rokeya Begum  
1.4 Husband's name: Muhammad Shakil Hossain  
1.5 Permanent address: 60/Kha, College Road, Mymensingh, Bangladesh  
1.6 Current address: China, Beijing-100081, 12 Zhongguancun South Street, GSCAAS  
Institute of Crop Sciences, Room No-308  
1.7 Mailing address: Hybrid Rice Division, BRRI, Gazipur-1701, Bangladesh  
1.8 Date of birth: **11 October, 1979**  
1.9 Place of birth: Mymensingh, Bangladesh  
1.10 Nationality: Bangladeshi by birth  
1.11 Religion: Islam  
1.12 Basic degree: B.Sc. Agriculture (Hons)  
: M.S. in Environmental Science  
: M.S in Genetics and Plant Breeding

## 2.0 Educational Qualification

Degree	Duration	University/Board	Years of Passing
PhD fellow	3 years	Institute of Crop Sciences, GSCAAS, Beijing, China	On-going (from 2012)
M.S. in Genetics and Plant breeding	2 years	Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh	2009
M.S. in Environmental Science	2 years	Bangladesh Agricultural University, Mymensingh	2005
Bachelor of Science in Agriculture [B.Sc.Ag. (Hons.)]	4 years	Bangladesh Agricultural University, Mymensingh	2001(held in 2003)

### 3.0 Service Experience:

Designation	Specialized field	Institute	Duration	Responsibilities
OWSD PhD fellow	Rice Molecular Breeding	Institute of Crop Sciences, GSCAAS, Beijing China-100081	Since October, 2012 to till	Planning, designing and performing scientific research, writing research article, seminar presentation and participate.
Scientific Officer	Hybrid Rice	Hybrid Rice Division, Bangladesh Rice Research Institute Gazipur-1701, Bangladesh	Since 23 February, 2006 to till (Deputed for higher studies)	i. Planning, designing and performing scientific research, writing research article, seminar presentation, workshop and seminar. ii. Lectures and train the farmers, sub assistant agriculture officers and agriculture officers about the technology of hybrid rice.

### 4.0 Professional Training/Workshop/Seminar Obtained

#### 4.1 Training and other experiences:

Sl No.	Name of training	Venue	Duration
1	Communicative English	Bangladesh Agricultural University, Mymensingh. Bangladesh	Forty contact hour's
2	Hybrid rice development and seed production	Bangladesh Rice Research Institute (BRRI), Gazipur, Bangladesh.	Five days
3	GSR-Hybrid rice development and seed production	IRRI & BRRI (held at BRRI Gazipur, Bangladesh)	Three days
4	Breeder Seed Production and Preservation of Rice	Bangladesh Rice Research Institute (BRRI), Gazipur, Bangladesh	Three days
5	Genetic Theory of Hybrid Rice Breeding	UNESCAP (held at BRRI, Gazipur, Bangladesh)	Fourteen days
6	Integrated Techniques of Hybrid Rice Seed Production	UNESCAP (held at BRRI, Gazipur, Bangladesh)	Eighteen days

#### 4.2 Presented Seminar's

Date	Name of event	Venue	Presented paper
28-11-2012	Country Presentation for Institute	Institute of Crop Sciences, CAAS, Beijing	Beautiful Bangladesh
5-12-2012	Country Presentation for Graduate school	Teaching Building, CAAS, Beijing	Beautiful Bangladesh
7-12-2012	Presentation in 2012 batch at class	Teaching Building, CAAS, Beijing	World heritage site of China and Bangladesh
29-7-2013	Opening Report Presentation	Institute of Crop Sciences, CAAS, Beijing	Development of dwarf and male sterile rice by RNA interference
24-1-2014	Report Presentation	Institute of Crop Sciences, CAAS, Beijing	Annual Experimental Report
27-5-2014	Midterm Report Presentation	Institute of Crop Sciences, CAAS, Beijing	Development of dwarf and male sterile rice by RNA interference
28-8-2014	Report Presentation	Institute of Crop Sciences, CAAS, Beijing	Experimental Report January to August, 2014
9-9-2014	Report Presentation	Institute of Crop Sciences, CAAS, Beijing	Research Report of September 2014
30-11-2014	Report Presentation	Institute of Crop Sciences, CAAS, Beijing	Research Report of October to November 2014
13-15 July, 2015	Poster Presentation	4 <sup>th</sup> International Conference on Agriculture and Horticulture, Beijing, China	Breeding programs for locally developed hybrid rice and present scenario in Bangladesh

#### 4.3. Participated at Workshop/ Symposium

Date	Name of event	Venue
27-31th October, 2014	4 <sup>th</sup> International Rice Congress	Bangkok. Thailand
13-15 <sup>th</sup> July, 2015	4 <sup>th</sup> International Conference on Agriculture and Horticulture	Beijing, China
27-29 <sup>th</sup> July, 2015	International Conference on Transcriptomics	Orlando, Florida, USA

#### 4.4. Seminar and International Exchanges

I was attended various seminars and international exchanges delivered by many professionals, personnel's, scholars locally and internationally most of which were organized by the Graduate School of Chinese Academy of Agricultural Sciences (GSCAAS).

#### 4.5 List of the relevant activities

(i)	Taken part as a resource speaker in the training program of hybrid rice development and seed production technology for scientists, field staff and farmers.
(ii)	Management of field staff & laboratory technicians to guide & assist them for their duties.
(iii)	Supervision of field and green house experiments.
(iv)	Data collection, processing, analysis, interpretation, scientific paper writing, reporting & presenting in different scientific forums.
(v)	Assisting to the Senior Scientists for other supporting activities.
(vi)	Participation in the different scientific forums such as seminar, symposium and workshops.
(vii)	Planning, development and execution of research programs.

#### 5.0 Membership of the Professional Associations

5.1 Bangladesh Krishibid Institution (BKI): Member

5.2 Plant Breeding and Genetics Society of Bangladesh: Member

5.3 Scientists Society of Bangladesh Rice Research Institute: General Member

#### 6.0 Language proficiency:

6.1 Reading, writing and speaking: Good in English and Bengali, medium in Chinese

6.2 Speaking: Hindi, Urdu

6.3 Reading, writing: Arabic

**7.0 Computer skills:** Proficiency in word processing, Excel and PowerPoint, Mstat, Genestat-513, Cropstat7.2, Quantity One, SPSS, etc.

**8.0 Other interest:** Beside my professional area I like travelling, reading, theatre and listening music. I like to travel historical places as I am interested about history and heritage of different places or country or nations.


#### 9.0 Achievement

Sl No	SUBJECT	REMARKS
1	Constructed RNAi vector for developing dwarf and male sterile rice	Ongoing project
2	Taken part as an active scientist of group in the varietal development process for BRR1 hybrid dhan2, BRR1 hybrid dhan3 and BRR1 hybrid dhan4.	Hybridization, identification of maintainers and restorers, evaluation of heterotic hybrids and development of seed production packages for BRR1 hybrid dhan2, BRR1 hybrid dhan3 and BRR1 hybrid dhan4.
3	Poster presentation	Best Poster Award Winner

## 10.0 Persons to whom a reference may be made

<b>Dr. Kai-Jun Zhao</b> Professor Institute of Crop Sciences, CAAS 12 Zhongguancun South Street, China, Beijing-100081 Phone: 8610-82105852 Mobile: +8613691186608 Email: zhaokaijun@caas.cn	<b>Dr. Md Jamil Hassan</b> PSO and Head Hybrid Rice Division BRRI, Gazipur-1701, Bangladesh Phone: 9294117-21 Ext. 328 Mobile: +880 01718289331 Email: tusher_01@yahoo.com; head.hybrid@brii.gov.bd
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I do hereby declare that the above statements are correct and complete to the best of my knowledge.

  
(Afsana Ansari)

## List of Publications: 27

### (i) Full scientific paper: 20

#### As *Principal- Author*: 9

1. **A. Ansari** and M.S. Hossain. 2015. Yield potential and land-use efficiency of hybrid rice (*Oryza sativa* L) in Bangladesh through suitable spacing and number of plants per hill. International Journal of Advanced and Innovative Research.4 (11): 60-65.
2. **A. Ansari**, M.G. Rasul, P.L. Biswas, A.K. Paul and M.H. Rahman. 2010. Genetic variability in maintainer lines of hybrid rice (*Oryza sativa* L). Bangladesh Journal of Plant Breeding and Genetics. 23(2):35-40.
3. **A. Ansari**, A.W. Julfikar, M.G. Rasul, M.J. Hasan and M.M. Rahman. 2010. Genetic parameter, correlation and path analysis for yield and yield related traits in some maintainer lines of hybrid rice (*Oryza sativa* L). Eco-friendly Agriculture Journal.3 (2):89-95.
4. **A. Ansari**, A.W. Julfikar, M.G. Rasul, R.K. Roy and R.R. Mujumder. 2010. Assessment of variability of outcrossing and yield traits in cytoplasmic male sterile lines of hybrid rice (*Oryza sativa* L). Eco-friendly Agriculture Journal.3 (2):84-88.
5. **A. Ansari**, M.G. Rasul, A.W. Julfikar, S. Raihan and A. Haque. 2009. Genetic diversity in restorer lines of hybrid rice (*Oryza sativa* L). Annals of Bangladesh Agriculture. 13(1&2):53-59.
6. **A. Ansari**, M.G. Rasul, A.W. Julfikar, P.L. Biswas and S. Islam. 2009. Estimates of genetic parameter, character association and path analysis in restorer lines of hybrid rice (*Oryza sativa* L). Annals of Bangladesh Agriculture. 13(1&2):45-51.

7. **A. Ansari**, M.G. Rasul, A.W. Julfikar, M.M. Rahman and Shamsunnaheer.2009. Multivariate analysis in cytoplasmic male sterile lines of rice (*Oryza sativa* L). Bangladesh Journal of Plant Breeding and Genetics. 22(2):25-28.
8. **A. Ansari**, M.A. Sattar, F. Ansari, M.S. Hossain and A.B.M. Baki. 2007. Effects of organic farming on soil nutrients content in carrot field. Bangladesh Journal of Environmental Science. 13(2):315-320.
9. **A. Ansari**, M.A. Baten, M.A. Sattar, M.S. Hossain and F. Ansari. 2007. Effects of organic farming on nutritional quality of carrot. Bangladesh Journal of Environmental Science.13 (1):171-174.

**As Co- Author: 11**

10. R. R. Majumder R. K. Roy, M. A. Kader, T. L. Aditya and **A. Ansari**. 2013. Variability, correlation and path analysis in maintainer lines of aromatic rice for outcrossing traits. Bangladesh Journal of Crop Science.
11. M S Hossain, Mobashwera, A. Z M R. Islam , A Mallik and **A. Ansari**. 2012. An economic analysis for costing of alternative energy sources for small scale use. Eco-friendly Agriculture Journal. 5(04):29-35.
12. M. M. Rahman, A. Hussain, M.A. Syed, **A. Ansari** and M.A.A. Mahmud. 2011. Comparison among Clustering in Multivariate Analysis of Rice Using Morphological Traits, Physiological Traits and Simple Sequence Repeat Markers American-Eurasian Journal Agricultural and Environmental Science. 11 (6): 876-882.
13. M. J. Hassan, M.U. Kulsum, M. S. Hossain, M. M. Billah and **A. Ansari**. 2011. Genotype-location interaction of indica rice using AMMI model. Bangladesh Journal of Plant Breeding and Genetics (ISSN: 1026-3071).
14. F. Ansari, M.A. Hashem, **A. Ansari**, M.A. Alam and A. K. Paul. 2011. Effect of different organic sources of potassium on the growth and yield of transplanted Aman rice (CV BRRI Dhan30). International Journal of Bioresearch.10 (4): 7-13.
15. M.M.H. Akand, M.N. Islam, **A. Ansari**, M.A. Islam and M.A. Motalib. 2010 Role of rural women in homestead agroforestry in Kalihati Upazila under Tangail District. International Journal of Bioresearch. 8(2): 44-50.
16. M.M. Rahman. **A. Ansari** and M.M. Rashid. 2010. Diversity analysis in rice using GENSTAT and SPSS programs. The Agriculturists 8(2): 14-21.
17. H. Begum, S.M.M Islam, Shamsunnaheer, P.L. Biswas and **A. Ansari**. 2010. Effect of different concentration of sucrose on plant regeneration of jute. International Journal of Bioresearch.8 (2): 20-28.
18. P.L. Biswas, **A. Ansari**, M.U. Kulsum, A. Akter and S. Ghosal. 2010. Study on genetic parameter, character association and path analysis in restorer lines of hybrid rice (*Oryza sativa* L). Bangladesh Journal of Progressive Science and Technology. 8(1): 119-122.
19. K. Hossain, A. Akter, H.Begum, **A. Ansari** and M.M. Rahman. 2009. Line X Tester analysis for yield and its related traits in rice (*Oryza sativa* L). Bangladesh Journal of Plant Breeding and Genetics. 22(2): 01-06.

20. Shamsunnaher, M.A. Gaffar, **A. Ansari**, M.H.R. Mukul and H.Begum. 2009. Effect of explants age on regeneration capacity in kenaf (*Hibicus cannabinas L.*). International Journal of Bioresearch.7 (3): 7-13.

**(ii) Books/Monographs/Bulletins: 4**

21. A.W. Julfiquar, P.L. Biswas, M.J. Hasan, **A. Ansari**. 2010. Prosnotore Habrid Dhaner Chasabad Kolakoushal. Hybrid Rice Prokolpa, Bangladesh Dhan Gobeshona Institute, Gazipur-1701.
22. ASM Masuduzzaman, A. Akter, M.K. Hossain, P.L. Biswas, M.J. Hasan, **A. Ansari**, M.U. Kulsum, M.H. Rahman and A.K. Paul. 2010. Habrid Dhaner Chasabad O Biz Utpadon Kolakoushal. Hybrid Rice Prokolpa, Bangladesh Dhan Gobeshona Institute, Gazipur-1701.Pp-34.
23. ASM Masuduzzaman, M.J. Hasan, P.L. Biswas, M.K. Hossain, **A. Ansari**, A. Akter and A.K. Paul. 2011. Brri Udvabito Habrid Dhaner Jatshomoher Chas Poddoti. Hybrid Rice Prokolpa, Bangladesh Dhan Gobeshona Institute, Gazipur-1701.
24. ASM Masuduzzaman, A. Akter, M. K. Hossain, P. L. Biswas,, M. J. Hasan, **A. Ansari**, M. U. Kulsum, M. H. Rahman and A. K. Paul. 2010. Habrid Dhaner Chasabad O Biz Utpadon Kolakoushal. Hybrid Rice Prokolpa, Bangladesh Dhan Gobeshona Institute, Gazipur-1701.

**(iii) Full paper on international conference: 1**

25. M. H. U. Ahmed, J Hasan, A K. Paul, P. L. Biswas, U. Kulsum, **A. Ansari**, A. Akter, H. Rahman. Country report: hybrid rice in Bangladesh. Proceedings of the 6<sup>th</sup> International Hybrid Rice Symposium, September 10-12, 2015. Hyderabad, India. 10: 1-8

**(iv) Abstract on international conference: 1**

26. **A. Ansari**, M. S. Hossain and M. J. Hassan. Breeding programs for locally developed hybrid rice and present scenario in Bangladesh. Agrotechnol. 2015. 4 (2): 97.  
[dx.doi.org/10.4172/2168-9881.S1.016](https://doi.org/10.4172/2168-9881.S1.016).

**(v) Poster on international conference: 1**

27. **A. Ansari**, M. S. Hossain and M. J. Hassan. Breeding programs for locally developed hybrid rice and present scenario in Bangladesh. 4th International Conference on Agriculture and Horticulture. July 13-15, 2015. Beijing, China.