



## CURRICULUM VITAE of SATYEN MONDAL

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### Contact Address

Senior Scientific Officer  
Rice Farming Systems Division  
Bangladesh Rice Research Institute (BRRI)  
Gazipur-1701, Bangladesh  
Email: satyen1981@gmail.com

### Education

- 2014-2017 **PhD in Agronomy**, University of The Philippines Los Banos (UPLB), Philippines  
2006-2009 **MS in Agroforestry and Environment**, Bangabandhu Sheikh Mujibur Rahman  
Agricultural University, Gazipur, Bangladesh (Results-First class).  
2001-2006 **Bachelor of Science in Agriculture (Hons.)**, Patuakhali Science and  
Technology University, Patuakhali, Bangladesh. (Result-First class).

### Academic Awards and Fellowship

- i) **“Best presentation award”** for oral presentation on the Conference "ICAPCS 2017:19th International Conference on Agronomy, Plant and Crop Sciences", Paris, France, July 20-21, 2017.
- ii) Awarded the **“Lee Foundation Rice Scholarship”** from International Rice Research Institute, Philippines to pursue my PhD (since August 2014 –January 2018) at the University of Philippines Los Banos (UPLB) Philippines.
- iii) Awarded as **“On the Job training fellowship”** for 03 months (June-September, 2013) at International Rice Research Institute, Philippines.

### Research Experience (11 Years)

Research on **Rice based farming systems** in Bangladesh Rice Research Institute.  
2007-2012 As Scientific Officer.  
2012- to date As Senior Scientific Officer.

### List of Publications

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|------------------|---|---|
| Journal Articles | 1 | <b>Mondal S</b> , Ghosal S, Barua R. 2016. Impact of elevated soil and air temperature on plants growth, yield and physiological interaction: a critical review. Scientia Agriculturae. 14 (3), 2016: 293-305 |
|                  | 2 | <b>Mondal S</b> , M G Miah, N E Elahi, M A Saleque and A Rahman. 2013 .Effect of Nitrogen Levels and Gliricidia Sepium Alley Widths on Rice Based Agroforestry Systems. Bangladesh Rice J. 17(1&2): 26-32.    |
|                  | 3 | <b>Mondal S</b> , M. I. U. Mollah, M. H. Rashid, S. Pramanik and M. R. Dewan.2012.  |

System Productivity of Rabi Vegetables and Some Aman Rice Varieties in Vegetables-Mungbean-Aman Rice Cropping Pattern. *The Agriculturists* 10 (2):120-126.

- 4 **Mondal S**, M G Miah, M A Saleque, A Rahman, T Ahamed and M I Hossain.2012. Effect of Alley Widths of *Gliricidia Sepium* and Nitrogen Levels on Soil Properties After Harvesting of Rice. *Eco-friendly Agril. J.* 5 (01): 01-05.
- 5 **Mondal S**, M G Miah, M A Saleque, Md Abiar Rahman, M F Hossain. 2011. Effect of *Gliricidia Sepium* Alley Widths and Nitrogen Levels on Yield of Aus Rice. *International Journal of Agricultural Environment and Biotechnology* 4(1): 27-32.
- 6 Barua R, Marjorie De Ocampo M D, Egdane J, Ismail A M and **Mondal S**. 2015. Phenotyping rice (*Oryza sativa* L.) genotypes for physiological traits associated with tolerance of salinity at seedling stage. *Scientia Agriculturae* 12 (3), 2015: 156-162.
- 7 M H Rashid, M R Islam, M A Saleque, M A Muttaleb, **S Mondal**, M H Ali, S A Sattar, M Z Abedin. 2014. Farming Systems Options to Adapt with Climate Change in South Western Bangladesh. *Reserarch on Crop Ecophysiology Vol. 9/1 (2): 70 – 80.*
- 8 Dewan MMR, **S Mondal**, MS Islam, MHR Mukul and MA Hossen.2014. Study on Correlation and Path Analysis of the Yield Contributing Characters of Different Ash Gourd Accessions. *Eco-friendly Agril. J.* 7(01): 01-05.
- 9 Hossain M F, T L Shapla, G G Mortuza, **S Mondal** and M K Shahazdat. 2010. Performance of Pineapple in Terms of Yield and Quality Grown Under Multistoried Agroforestry Systems. *J. Shre-e-Bangla Agric.Univ.*, 4 (1):100-105.
- 10 N S Sarmin, M G Miah, T Ahmed, **S Mondal** and S Samsuzzaman. 2009. Impact of Homestead Ponds Site Tree Leaves on Fish Production in Dinajpur District. *International J. of Bioresearch* 7 (4): 35-41.
- 11 Abhijit Saha, A R Sarkar, S M Altaf Hossain, M I U Mollah and **S. Mondal**. 2009. Effect of Nursery Management Practices on Seedling Growth and Their Carryover Effect on Yield of Boro Rice. *Int. J. Biores.* 6 (5): 37-42.
- 12 Mollah M I U, A Saha, M M R Dewan, S Pramanik, **S Mondal** and M K Quais. 2009. Growth of Transplant *Aman* Rice Under Raised Bed Planting Method in Rice-Wheat Cropping System. *Eco-friendly Agril. J.* 2(8):751-756.
- 13 Mollah M I U, M J Islam, M M R Dewan, **S Mondal**, M K Quais and S Pramanik. 2009. Effect of Raised Bed Planting on Leaf Area of Direct Seeded and Transplant *Aman* Rice and Its Relationship with Grain Yield. *Eco-friendly Agriculture. J.* 2(10): 851-857.
- 14 Mollah M I U, M J Islam, M M R Dewan, M K Quais, **S Mondal** and S Pramanik. 2009. Effect of Raised Bed Sowing on the Growth of Direct Seeded *Aman* Rice in Rice-Wheat Cropping System. *Int. J. Biores.* 7(4): 52-58.
- Bulletin 1 **Mondal S**, Abhijit Saha and M H Ali,2012, some profitable cropping patterns, Dhan Gabeshona Samachar.(April –July 2012, Special number), 14 p.
- Conference Paper 1 **Mondal S**, F Entila, S Dixit, P C S Cruz and A M Ismail. 2017. Effects of *AG1* and *AG2* QTLs on Rice Seedling Growth and Physiological Processes During Germination in Flooded Soils. *International Journal of Agricultural and Biosystems Engineering.* 4 (7), (Invited for oral presentation, July, 20-21, 2017.) Paper Code: 17FR070243. 79 - 81 avenue du Maine - 75014 Paris, France.
- 2 **Mondal S**, M K Ouais and A Saha. 2014. Productivity of Direct Seeded *Aman* Rice and Winter Vegetables in Partially Irrigated Highland Ecosystem. November 1-2, 2014, Kuala Lumpur, Malaysia. Conference paper id: 547-ICEEEAS-14.

- 3 Rashid M H, M R Islam, **S Mondal**, M A Saleque, M A Muttaleb, M Hazrat Ali, S M A Sattar, M Zainul Abedin.2012. Rice-Based Farming Systems Technology for Climate Change Adaptation. Paper presented at NCBA Conference (08-09 April 2012) Dhaka, Bangladesh.

### **Professional Training**

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|------|-----|---|
| 2017 | 1.  | Introduction to R for Data Management and Statistical Analysis. For 15 days at International Rice Research Institute (IRRI), Philippines.                                     |
| 2016 | 2.  | Basic Experimental Design and Data Analysis using Statistical Tools for Agricultural Research (STAR). For 5 days at IRRI.   |
| 2016 | 3.  | ORYZA (Modeling) Training program for Basic Applications. For 5 at IRRI.  |
| 2013 | 4.  | Research Data Management. For 3 days at IRRI.   |
| 2012 | 5.  | On-Farm Research Methodology. For 6 days at Bangladesh Agricultural Research Institute, Gazipur, Bangladesh.  |
| 2011 | 6.  | Research Methodology. For 13 days at Graduate Training Institute (GTI), Mymensingh, Bangladesh  |
| 2011 | 7.  | Foundation Training Course for NARS(National Agricultural Research Systems) Scientists. For 120 days at Bangladesh Academy for Rural Development (BARD), Comilla, Bangladesh. |
| 2011 | 8.  | Integrated Techniques of Hybrid Rice Seed Production. For 19 days at Bangladesh Rice Research Institute (BRRI), Gazipur, Bangladesh   |
| 2010 | 9.  | 1-Month Rice Production Training course. For 30 days at BRRI Gazipur, Bangladesh  |
| 2009 | 10. | Breeder seed production and preservation of rice. For 5 days at BRRI, Gazipur, Bangladesh   |
| 2008 | 11. | Hybrid Rice Development and Seed Production. For 5 days at BRRI, Gazipur, Bangladesh.   |

### **Professional Affiliations**

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|--------------|--|
| 2015         | Literary Affairs Officer, in AFSTRI Executive committee-2015, IRRI, Philippines          |
| 2015         | Country Representative, International Student Association (ISA)- 2015,UPLB, Philippines. |
| 2007-present | Member, BRRI Scientist's Association   |
| Life time    | Life member, Bangladesh Society of Agronomy, Bangladesh                                  |
| Life time    | Members, Bangladesh Agriculturist Institution  |

### **Programming and Language Skills**

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|--------------|---|
| Statistical  | Competent in R- Statistical program, SigmaPlot-12.5, Statistical Tools for              |
| Software and | Agricultural Research (STAR) and MSTAT. Basic in Agricultural Production                |
| Graphics     | Systems Simulator (APSIM) and ORYZA (Modeling).   |
| Languages    | Extensive communication and drafting skills in both English and Bengali; basic in Hindi |

### **Organizing and administrative skill**

I have experience as In-charge (head) at two of the Regional Station of BRRI (BRRI,-Barisal, and BRRI-Satkhira 2012-2013) and act as trainer in training of farmers and others government and NGOs personnel.

### **Other Extracurricular activities**

Commentary in English and Bengali of Cricket and football game, organizing cultural program, Agricultural arts, Singing song, playing drama, Playing Table tennis, football, and cricket.

### **Referees**

PhD Adviser

**Dr. Pompe C Sta Cruz**, Professor, Agronomy, Institute of Crop Science ,College of Agriculture and Food Science, University of the Philippines Los Baños, Philippines, E-mail: pcstacruz@up.edu.ph.

Head RFSD

**Abhijit Saha**, Head, Rice Farming Systems Division, BRRI, Gazipur-1701.  
E-mail: abhijitsaha@live.com



(Satyen Mondal)