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1. Parents	:	Father-Md. Jahirul Hoque Afrad, Mother-Mrs. Jahanara Begum		
2. Permanent Address	:	Village- Chandertek, Post Office-Shibpur, Upazila-Shibpur, District-Narsingdi		
3. Date of Birth	:	September 30, 1969		
4. Marital status	:	Married		
5. Religion	:	Islam		
6. Nationality	:	Bangladeshi (by birth)		
7. Present Position & Address	:	Professor (Grade-1), Dept. of AER, GAU, Gazipur-1706 e-mail: afrad69@gmail.com, afrad@gau.edu.bd Web: http://gau.edu.bd/afrad		
8. Educational Qualification:				
Examination/ Degree	School / College/ University	Division /Class obtained	Highest possible grade	Year of passing
PhD (Agricultural Extension & Rural Development)	BSMRAU	A	A+	2009
MS (Agricultural Extension Education)	Bangladesh Agricultural University (BAU)	A (74.2%)	A	2002
Bachelor of Science in Agriculture	Bangladesh Agricultural University (BAU)	First Class (61.25%)	First Class	1992 (Held in 1996)
HSC (Science Group)	Shibpur Government Shaheed Asad College	First Division (65.0%)	First Division	1987
SSC (Science Group)	Shibpur Pilot High School	First Division (67.8%)	First Division	1985

**9. National Training/Workshop/Seminar/Conference attended/ organized**

- Participation in workshop entitled ‘**Interactive Teaching and Learning Methods**’
- Participation in Training course on “**Production and Post-Harvest Technology of cereal seeds**”
- Participation in Workshop on “**Present and Potential Role of women in the seed sector**”
- Participation in a ToT course on “**Disaster Management**” organized by UNDP, Bangladesh
- Participation in a Training workshop on “**Food Security Concepts, Basic Facts and Measurement Issues**” Organized by FAO, Bangladesh
- Participation in a Training workshop on “**Analysis of Data for Measuring Food Availability, Access and Nutritional Status**” Organized by FAO, Bangladesh
- Organized week-long 3 training programs on “**Teaching Methodology**” for Agricultural Training Institute Instructors, BSMRAU, Gazipur
- Organized a day-long workshop on “**Interview Schedule Finalization and Analysis of Generic Skill & Content of Examination Scripts**” for university teachers, BSMRAU, Gazipur
- Coordinated an 8-day (1-8 June 2013) long Training-Workshop on “**Teaching Methods, Learning Assessment and Curriculum Development**” for university teachers, BSMRAU, Gazipur
- Participated in a 6-day (23-28 August 2014) long Training on “**Teaching Learning, Curriculum and Quality Assurance for University Teachers**”, GTI, BAU, Mymensingh.
- Participated in International Training Workshop (29-31 March, 2016) on **Communication for Policy Research Impact**, Organized by International Food Policy Research Institute (IFPRI)
- Imparted Training to the NGO Officers on Rice Seed Entrepreneurship Development through IRRI Coordinated AGGRi Projects Funded by Bill and Melinda Gates Foundation Held during August 2021

#### 10. International Workshop/Seminar/Conference attended

- Participation in Global Risk Forum (GRF) **International Disaster and Risk Conference** IDRC 2012 in Davos, Switzerland from 26-30 August 2012
- Participation in Asian Food Security Association (AFSA) 1<sup>st</sup> Conference on **Food Safety and Food Security** in Osaka, Japan from 15-17 September 2012
- Participation in International Conference on **Extension Educational Strategies for Sustainable Educational Development-a Global Perspective** in Bangalore, India from 5-8 December 2013
- Participated in International Workshop (17-18 February, 2015) on **Agricultural Extension Reforms in South Asia: Status, Challenges and Policy Option**, New Delhi, India
- Participated in International Seminar (6-7 April 2015) on **Tribal Health: Issues, Challenges and Opportunities**, Tripura, India
- Participated in International Training Workshop (29-31 March, 2016) on **Communication for Policy Research Impact**, Organized by International Food Policy Research Institute (IFPRI)
- Participated in International Conference Organized by Indian Ecological Society during 17-23 February 2016 in Jammu-Kashmir University of Agricultural Sciences, Jammu, India.
- Chaired in the “Agriculture and Rural Livelihood” Technical Session of the International seminar on Rural Development in Asia Pacific Region Held during 24-28 August, 2020 in Asam, India.
- Presented an article in Australia Pacific Extension Network (APEN) Conference during 9-11 February 2022 in Melbourne, Australia
- Chaired two technical sessions in UGC-SAP International Seminar on “**Development Cooperation between India & Neighboring Countries: Possibilities & Challenges**” during **March 22-24, 2022**
- Delivered a special lecture on **Use of Bloom’s Taxonomy of Education in Teaching-Learning** UGC-SAP International Seminar on “**Development Cooperation between India & Neighboring Countries: Possibilities & Challenges**” during **March 22-24, 2022**.
- Presented an article in the XV IRSA (International Rural Sociology Association) Conference in Cairns, Australia, jointly organized by James Cook University and Cairns Institute during 19-22 July 2022.
- Presented article in the 2<sup>nd</sup> *Global Conference (Agriculture and Horticulture)* -2022 held during 1-3 September 2022 in Paris, French.
- Acted as moderator in eight (8) presentations in in the 2<sup>nd</sup> *Global Conference (Agriculture and Horticulture)* -2022 on 03 September 2022 in Paris, French.

11. **Country Visited:** India, Japan, Switzerland, Australia, Kingdom of Saudi Arabia, Germany, Sweden, Netherlands, Belgium and France

#### 12. Administrative Responsibilities

- Served as an **Assistant Hall Provost** in Shaheed Ziaur Rahman Hall (Dormitory -1) of Patauakhali Science and Technology University, Patuakhali, during February 2, 2003 to August 31, 2003.
- Served as **Departmental Chairman** in the Department of Agricultural Extension and Rural Development of Patauakhali Science and Technology University, Patuakhali, during March 23, 2003 to August 31, 2003.
- Served as a **Hall Provost (Acting)** in Shaheed Ziaur Rahman Hall (Dormitory -1) of Patauakhali Science and Technology University, Patuakhali, during September 01, 2003 to July 22, 2004.
- Served as an **Assistant Hall Provost** in students dormitory of Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur during March 29, 2005 to February 01, 2006.
- Served as **Head** of the Department of Agricultural Extension and Rural Development of Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, during August 01, 2010 to July 25, 2012.
- Acted as **Course Coordinator** of the Training Course designed for the Lecturer, Assistant Professor, Associate Professor and Professors of this university on “**Teaching Methodology, Self-Assessment and Curriculum Development**”, held during 01-08 June 2013.
- Served as **Head** of the Department of Agricultural Extension and Development of Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706, from July 2014 to July 2016.

- Worked as Proctor of GAU since 5 September 2024 to 28 July 2025.
- Working as Treasurer of GAU since 27 October 2025 to till date

### 13. Projects Completed as Principal Investigator (PI/Coordinator/Collaborating Scientist)

- Worked as **Principal Investigator** in BSMRAU funded Project entitled “**Assessment of Yield Gap in High Yielding Variety Boro Rice**”.
- Worked as **Coordinator** in the KGF funded project entitled “**Rice Production in Drought Prone Areas of Bangladesh**”.
- Worked as **Sub-Project Manager** in WB funded project entitled “**Self-Assessment of BS (Agriculture) Program of BSMRAU for Quality Assurance**”, BSMRAU, Gazipur.
- Worked as **Principal Investigator** in BSMRAU funded project entitled “**Women’s Participation in Food for Work Program in Selected Area of Kapasia Upazila of Gazipur District**”.
- Worked as **Principal Investigator** in UGC funded project entitled “**Role of Social Safety Net Programmers for Food Security in Kushtia Sadar Upazila of Bangladesh**”.
- Worked as **Principal Investigator** in BSMRAU funded project entitled “**Chakma Women and Shifting Cultivation in Khagrachari District of Bangladesh**”.
- Worked as **Principal Investigator** in BSMRAU funded project entitled “**Impact of Contract Farming Approach Practiced by PRAN Group on Socioeconomic Status of the Farmers in Natore Sadar Upazila**”.
- Worked as Principal Investigator in the BSMRAU project entitled “**Employability of BS (Agriculture) Graduate of BSMRAU**”.
- Worked as Principal Investigator in the project entitled “**Adoption and Impact of BSMRAU Technologies in Farmers’ Field**”.
- Worked as Leader in a project entitled “**Accelerated Genetic Gain in Rice (AGGRi) Alliance**” run by IRRI funded by Bill and Melinda Gates Foundation.
- Worked as Principal Investigator in the project entitled “**Diffusion of Innovative Management Practices for Sustainable Crop Production in Charlands of Bangladesh, Funded by KGF**”.
- Worked as **Collaborating Scientist** of One Rice - a unified rice breeding strategy to develop and deliver better rice varieties faster to the farmers in Africa and Asia-Project
- Worked as Principal Investigator of the Project entitled ‘**Role of Human Capitals in Applying Good Agricultural Practices by the Vegetable Growers in Narsingdi District of Bangladesh**’-Funded by UGC
- Worked as Principal Investigator of the Project entitled ‘**Dynamics of Food Security and Income-Expenditure-Saving Behavior of Selected Ethnic Minorities in Naogaon District of Bangladesh: assessment and intervention**’-Funded by Research Management Wing, GAU

### 14. No. of Projects Completed as Co-PI

- Worked as a **Co-Project Investigator (Co-PI)** in the KGF funded project captioned “**Toxic Metals Contamination in Soil and Crop Environment from Industrial Wastes in Gazipur District**”.
- Worked as **Co-Investigator** in KGF funded project entitled “**Effects of Household Wastes on Homestead Vegetable Production in Rangpur District of Bangladesh**”.
- Worked as a **Co-Project Investigator (Co-PI)** in the RMC Project entitled “**Assessment of Residents’ Perception on Land Use Dynamics and Urban Agriculture of Dhaka Metropolitan Area**”.
- Impact of Roof Top Gardening on the Dietary Intake of the City Dwellers in Selected Areas of Dhaka

### 15. Projects in Progress

- Improvement of the German and other Supply Chain Laws: insights from the case of the shrimp supply chain from Bangladesh to Germany
- Impact of the SOGORIP Marketing Approach towards Upliftment of Rice Growers: a case of cereal crop study in Bangladesh

### 16. Community Service

- Served as **Vice- President** of BSMRAU Employees' Cooperative Society (BECS) Executive Committee during 2015-2017
- Served as **Member** of BSMRAU Employees' Cooperative Society (BECS) Executive Committee during 2018-2019
- Served as **President** of BSMRAU Employees' Cooperative Society (BECS) Executive Committee during 2019-2022
- Served as **Member** of BSMRAU Employees' Cooperative Society (BECS) Executive Committee during 2022-2023
- Serving as Editorial Advisor in the Journal of Agriculture and Environment during 24-10-2022 to....
- Serving as Editorial Review Board Member of Journal of Agribusiness Marketing
- Serving as Associate Executive Editor-2 of Annals of Bangladesh Agriculture

#### **17. Scholarship Obtained**

- Enjoyed 03 years UGC Fellowship for pursuing PhD degree
- Obtained “Merit Scholarship” offered by Bangladesh Agricultural University both at under graduate and MS level.

#### **18. Involvement in Professional Association as Member**

- Agriculturist Association of Bangladesh (AAB) as Member
- Journal of Rural Development Review as Member of Editorial Board
- Association for International Agricultural and Extension Education (AIAEE)
- International Society for Development and Sustainability (ISDS)

#### **19. Involvement in Professional Association as Life Member**

- Krishibid Institution Bangladesh as a Life Member
- Bangladesh Agricultural Extension Society (BAES) as a Life Member
- International Society of Extension Education (INSEE) as a Life Member
- Maharashtra Society of Extension Education as a Life Member
- Served as Convener of Alumni Association of Department of Agricultural Extension and Rural Development, BSMRAU
- Alumni Association of Department of Agricultural Extension and Rural Development, GAU-Life Member #03
- Ecological Society of Bangladesh-Life Member
- Serving as President of Alumni Association of Department of Agricultural Extension and Rural Development, GAU

#### **20. Courses Taught**

- AER 165: Fundamentals of Agricultural Extension and Rural Development
- AER 265: Rural Sociology and Educational Psychology
- AER 440: Communication and Technology Transfer
- AER 510: Research Methodology in Extension Education
- AER 545: Community Development
- AER 555: Extension Teaching Methods and Techniques
- AER 620: Project Planning and Development in Agricultural Extension
- AER 640: Training and Technology Transfer
- AER 670: Philosophy of Rural Development
- AER 680: Rural Institutions and Participatory Development
- AER 685: Research Methods and Designs in Social Science

## **21. Training Sessions Conducted**

- Use of Modern Teaching Aids
- Techniques of Attaching Students to the Content
- Enabling and Facilitating Meaningful Learning
- Blended Learning
- Teaching Style & Classroom Management
- Assessment & Evaluation of Diploma in Agriculture Curriculum
- Motivation Techniques and Human Relations at Work
- Effective Communication: The most Important Key to Success
- Time Management for Organizational Effectiveness
- Interpersonal Relationships & Organizational Effectiveness
- Organizational Communication for Organizational Progress
- Barriers to Effective Communication
- Non-verbal Communication at Organizational Level
- Group Formation & Mobilization, Organizational Management and Entrepreneurship Development
- Mind Mapping for Generating Ideas
- Introduction and Designing Social Research
- Quality of a Good Teacher
- Law and Labor Management
- Basic Approaches to Organizational behavior

## **22. Research Interest**

- Survey and determination of knowledge, attitude, practice, problem, level of participation
- Adoption of agricultural technologies by the farmers
- Evaluation of project impact
- Community development
- Program development and evaluation
- Food security assessment
- Self-assessment of academic program for quality assurance
- Adaptation of climate change issues

## **23. Working as Visiting Professor in the University of Mannheim, Germany**

### **24. Name and Address of Two Academic Referees**

- Professor Dr. GKM Mustafizur Rahman, Department of Soil Science, GAU, Gazipur-1706, Cell Phone: +8801718186642, e-mail: mustafiz@gau.edu.bd
- Prof. Dr. Abdul Halim, Former Professor, BAU and Rector {Former Institute of Post Graduate Studies in Agriculture (IPSA) and Current GAU}, Gazipur-1706, Cell# 01725010555, e-mail: halimunitech@gmail.com

## **25. Written Work**

### **A. Graduate and Post Graduate Work**

- ✧ MS thesis on “Farmers’ Attitude towards Vegetable Cultivation in Dumki Upazila under Patuakhali District”
- ✧ The PhD dissertation was on “Impact of Arsenic Mitigation Program in Bangladesh”

### **B. Published Book**

- ✧ Afrad, M.S.I. and M.E. Haque. 2012. *Impact of Arsenic Mitigation Program in Bangladesh*. Lambert Academic Publishing, Germany, **ISBN: 978-365-91-69724**
- ✧ Prodhan, F.A. and Afrad, M.S.I. 2020. *Barriers and Preparedness towards ICT Utilization in Bangladesh*. Lambert Academic Publishing, Germany, **ISBN: 978-620-2-07-6524**

### C. Book Chapter Published

- i. Prodhan, F.A and M.S.I. **Afrad**. 2014. *Gender Issues and Access to ICTs for Agricultural Farming and Rural Development in Gazipur District of Bangladesh*. In: Choudhary, M.L. and Aditya (Eds.). *Family Farming and Rural Economic Development*, (pp. 261-270). New Indian Publishing Agency, New Delhi. Available Online at: [www.nipabooks.com](http://www.nipabooks.com)
- ii. Sakib, M.H and M.S.I. **Afrad**. 2014. *Factors Dominate on Adoption of Modern Aquaculture Technologies at Fish Farms in Bogra District of Bangladesh*. In: Choudhary, M.L. and Aditya (Eds.). *Family Farming and Rural Economic Development*, (pp. 407-416). New Indian Publishing Agency, New Delhi. Available Online at: [www.nipabooks.com](http://www.nipabooks.com)
- iii. Wadud, F., S.C. Babu and M.S.I. **Afrad**. 2015. Private Provision of Extension through the Contract Farming Approach in Bangladesh: *The Case of PRAN in Bangladesh*. In: Y. Zhou and S.C. Babu (Eds.). *Knowledge Driven Development: private extension and global lessons*, (pp. 201-218). Academic Press. Elsevier: doi:10.1016/B978-0-12-802231-3.00011-5
- iv. **Afrad**, M.S.I., F.A. Prodhan and D. Bhattacharjee. 2018. Agriculture and Tribal Livelihood: Experience from Chittagong Hill Tract of Bangladesh. In: Chowdhury, J., S. Goswami and A. Mahato (Eds.). *Tribal Livelihood: issues, challenges and opportunities*, (pp. 173-199). Tribal Research and Cultural Institute, Govt. of India.
- v. **Afrad**, M.S.I., F. Wadud and S.C. Babu. (2019). Reforms in Agricultural Extension Service System in Bangladesh. In: Suresh Babu and P.K. Joshi (Eds.). *Agricultural Extension Reforms in South Asia: status, policy options and challenges*, (pp. 13-40). Academic Press. doi:10.1016/b978-0-12-818752-4.00002-3
- vi. Sakib, M.H., M.S.I. **Afrad**, A. Harun-Al-Rashid and A.K.M.G. Kausar. (2020). Agribusiness in South Asia\_ Current Status, Obstacles and Policy Option. In: Che, N.D., K.D. Strang and N.R. Vajjhala (Eds.). *Opportunities and Strategic Use of Agribusiness Information Systems*, IGI Global Publisher, Hershey, Pennsylvania, USA. DOI: 10.4018/978-1-7998-4849-3
- vii. Chakma, S., Haque, M.E., Hoque, M.Z., Hossain, M.M., Afrad, M.S.I., Saha, S., Prodhan, F.A., Hasan, S.S. and Choudhury, J. (2022). Adapting Land Degradation and Enhancing Ethnic Livelihood Security through Fruit Production: Evidence from Hilly Areas of Bangladesh. In: Kumar, P., Tomar, R.S., Bhat, J.A., Dobriyal, M., Rani, M. (Eds.). *Agro-biodiversity and Agri-ecosystem Management*, (pp. 217-238). Springer, Singapore. [https://doi.org/10.1007/978-981-19-0928-3\\_11](https://doi.org/10.1007/978-981-19-0928-3_11)
- viii. Barau, A.A. and M.S.I. Afrad. (2022). Rural Women Participation in Livelihood Sustenance: A Snapshot of Bangladesh Perspective. In: Choudhury, J. (Ed.). *Engendering Budget for Gender Equality: India and Bangladesh Perspectives*, (pp. 205-221), DPS Publishing House, New Delhi. [www.dpspublishinghouse.com](http://www.dpspublishinghouse.com)
- ix. Chakma, P., M.S.I. Afrad, Reza, A., Sang-Go Lee, M.W.R. Ansary, M.H. Sakib and D. Bhattacharjee. (2002). Aboriginal Women Participation in Traditional Shifting Cultivation of Bangladesh. In: Choudhury, J. (Ed.). *Engendering Budget for Gender Equality: India and Bangladesh Perspectives*, (pp. 233-250), DPS Publishing House, New Delhi. [www.dpspublishinghouse.com](http://www.dpspublishinghouse.com)
- x. Prodhan, F. A., M.Z. Hoque, M.S.I. **Afrad**, M.E. Haque, M. Ahmed, M.H., Kabir, M.S. Rahman and N. Sultana. (2023). Farmers' Perception of Climate Change in Climatically Vulnerable Ecosystem of Bangladesh. In: Bandh, S.A. (Eds.) *Strategizing Agricultural Management for Climate Change Mitigation and Adaptation*. Springer, Cham. <https://link.springer.com/chapter/10.1007/978-3-031-32789-68>
- xi. Afrad, M.S.I., Islam, M.A. Halim, A., Rahman, K.T., Hasan, S., Saha, S. & Biswas, A. 2025. Adoption of Maize Production in Kaliganj Upazila under Lalmonirhat District of Bangladesh. In: Das, et al. (Eds.). *Development Cooperation between India and Neighboring Countries: Possibilities & Challenges*. Allied Publishers, New Delhi

## 25. Research Article Published

1. Farouque M.G., A.B.M.N. Anwar & M.S.I. **Afrad**. 2002. Constraints Faced by the Rural Youth regarding Their Employment Opportunity. *Bangladesh Journal of Extension Education*, 14(1&2), 1-6.
2. Mahmud M.K., M.M.H. Khan, M. Hussain, M.I. Alam & M.S.I. **Afrad**. 2002. Toxic Effects of different Plant Oils on Pulse Beetle *Callusobruchus chinensis* Linn. (Coleoptera: Bruchidae). *Asiatic Society of Bangladesh (Science)*, 28(1), 11-18.
3. **Afrad**, M.S.I., M.R. Islam, M.S. Ali & M.F. Hasan. 2004. Farmers' Problem Confrontation towards Vegetables Cultivation. *Journal of Agricultural Education and Technology*, 7(1&2), 9-14.
4. **Afrad**, M.S.I., A.K.M.A.H. Bhuiyan & M.G.R. Akanda. 2004. Knowledge of Field School Farmers about Integrated Pest Management Practices. *Bangladesh Journal of Extension Education*, 16 (2), 61-66.
5. Muttaleb, M.A., M.S. Hossain, M.A. Siddique & M.S.I. **Afrad**. 2005. Problems and Gender Involvement in Rice Production in Selected Lowland Area of Northwest Bangladesh. *Journal of Socioeconomic Research and Development*, 2(1), 75-80.
6. **Afrad**, M.S.I., M.A. Halim, M.Z. Rahman, M.R. Islam & M.H. Bhuiyan. 2005. Farmers Attitude towards Vegetables Cultivation. *Journal of Science Foundation*, 3(1), 13-22.
7. Hasan, M.F., M.R. Islam, F. Khatun, M.K. Samim & M.S.I. **Afrad**. 2005. Participation of Rural Women in RDRS Activities. *Journal of Science Foundation*, 3 (1), 93-99.
8. Rahman, M.A., M.M. Haque, M.S.I. **Afrad**, M.A. Alim & M.S. Begum 2005. Temporal Changes in Pea Seed Quality Preserved in different Containers. *Bangladesh Journal of Progressive Science and Technology*, 3(1), 31-36.
9. **Afrad**, M.S.I., A.K.M.A.H. Bhuiyan & M.G.R. Akanda 2005. Use of Farmer's Field School towards Successful Implementation of Integrated Pest Management Program. *Bangladesh Journal of Environmental Science*, 11(2), 461-464.
10. Mahmud M.K., M.M.H. Khan, M.S.I. **Afrad** & M.S. Islam 2006. Efficacy of Plant Oils in Controlling Pulse Beetle *Callusobruchus Chinensis* Linn. During Storage of Mungbean. *Journal of the Asiatic Society of Bangladesh (Science)*, 32(1), 23-31.
11. **Afrad**, M.S.I., M.S.U Majumder, M.S. Ali, M.R. Islam & F. Wadud. 2006. Correlates of Pisciculture Knowledge of Fishermen. *Bangladesh Journal of Extension Education*, 9 (1 & 2), 1-4.
12. Uddin, M.E, M.A Kashem, M.R. Islam, M.S.I. **Afrad** & M.R. Amin. 2006. Adoption of Healthy Seedling Technology for Vegetables by the FFS and Non-FFS Farmers. *Journal of Science Foundation*, 4(2), 7-12.
13. **Afrad**, M.S.I., M.R. Islam, M.A. Muttaleb & M.E. Uddin. 2006. Constraints Faced by Fishermen towards Fishing in Coastal Area of Bangladesh. *Journal of Science Foundation*, 4(1), 91-97.
14. Hasan, M.M., M.E. Haque, M.S.I. **Afrad** & M.A. Hussain. 2007. Socio-economic Upliftment of the Farmers through Their Participation in Farm and Community Level Activities. *Prime University Journal*, 1(1), 107-118.

15. Muttaleb, M.A., M.S. Islam, M.S.I. **Afrad** & Q.A. Rayhan. 2007. Factors Influencing Perception of the Farmers about Soil Fertility Management Practice in Boro Rice. *Journal of Agricultural Education and Technology*, 10 (1 & 2), 85-92.
16. Khan, M.R.A., M.E. Haque, G.K.M.M. Rahman & M.S.I. **Afrad**. 2008. Effectiveness of Group Approach in Disseminating Farm Information to the Farmers. *Bangladesh Journal of Extension Education*, 20(1&2), 1-8.
17. **Afrad**, M.S.I & M.E. Haque. 2009. Problems Affecting Availability of Arsenic Free Drinking Water. *Bangladesh Journal of Extension Education*, 21(1&2), 1-8.
18. **Afrad**, M.S.I. 2010. Impact of Arsenic Mitigation Program on Attitude of the Beneficiaries. *The Agriculturists*, 8(2), 35-42.
19. Hossain, M.A., M.K. Uddin, A.H. Molla, M.S.I. **Afrad**, M.M. Rahman & G.K.M.M. Rahman. 2010. Impact of Industrial Effluents Discharges on Degradation of Natural Resources and Threat to Food Security. *The Agriculturists*, 8(2), 80-87.
20. Hoque, M.Z., M.E. Haque, M.S.I. **Afrad** & M.A. Hossain. 2010. Adoption of Farming Technology by the Charland Farmers. *Bangladesh Journal of Extension Education*, 22(1&2), 49-55.
21. **Afrad**, M.S.I., M.E. Haque, & M.A. Hossain. 2010. Effects of Arsenic Mitigation Program on Practices of the Beneficiaries. *Bangladesh Journal of Extension Education*, 22(1&2), 31-40.
22. Imran, H.A., M.S.I. **Afrad**, M.G.R. Akanda & M.E. Haque. 2010. Coping Strategies Practiced by Displacees for River Erosion. *Bangladesh Journal of Extension Education*, 22(1&2), 65-72.
23. **Afrad**, M.S.I. (2010). Adoption of Arsenic Mitigation Options by the programs' Beneficiaries. *The Journal of Rural Development*, 37(1), 145-166.
24. Afrin, K.S., M.S.I. **Afrad**, M.E. Haque, M.A. Hossain & G.K.M.M. Rahman. 2011. Impact of Industrial Wastes on Soil and Water. *Annals of Bangladesh Agriculture*, 15(1&2), 47-58.
25. **Afrad**, M.S.I. & M.E. Haque. 2012. Impact of Arsenic Mitigation Program on Socioeconomic Aspect of the Beneficiaries. Proceedings of International Disaster and Risk Conference. IDRC, Davos 2012, 26-30 August 2012, Davos, Switzerland.
26. Ferdous, S., M.S.I. **Afrad**, M.A. Muttaleb & M.M. Rahman. 2012. Impact of Vulnerable Group Development Program on Food Security in Kustia Sadar Upazila of Bangladesh. Proceedings of First Conference of Asian Food Security Association (AFSA) on Food Safety and Food Security in Osaka, Japan from 15-17 September 2012.
27. Imran, H.A. & M.S.I. **Afrad**. 2011. Problems Confronted by Displacees for River Erosion. *Bangladesh Journal of Extension Education*, 22(1&2), 67-74.
28. Afrin, K.S. & M.S.I. **Afrad**. 2012. Farmers' Response regarding Impact of Industrial Wastes on Crop Production. *Annals of Bangladesh Agriculture*, 16(1&2), 83-95.
29. **Afrad**, M.S.I. 2013. Impact of Arsenic Mitigation Program on Knowledge of the Beneficiaries in some Selected Areas of Bangladesh. *International Journal on Human Development & Information System*. 6(2), 129-140.
30. Hoque, M.Z., M.E. Hoque, M.S.I. **Afrad** & A.M. Akanda. 2013. Contribution of Farming Enterprises towards Household Food Security in Selected Charland of Bangladesh. *Annals of Bangladesh Agriculture*, 17(1&2), 53-65.



31. Rahman, M.M., G.K.M.M. Rahman & M.S.I. Afrad. 2013. Effect of Household Waste and Chemical Fertilizers on the Yield of Red Amaranth, Indian Spinach and Tomato. *Annals of Bangladesh Agriculture*, 17(1&2), 121-134.
32. Sultana, S., M.S.I. Afrad & F.A. Prodhan. 2013. Women's Participation in Food for Work Program in Kapasia Upazila under Gazipur District. *Bangladesh Journal of Extension Education*, 25(1&2), 27-34.
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115. Fuad, M.A.F., Afrad, M.S.I. & Prodhan, F.A. 2025. The Padma Paradox: Irrigation Benefits and Waterlogging Challenges Drive CSA Adoption in Bangladesh. *American Journal of Environment and Climate*, 4(1); 13-25, DOI: <https://doi.org/10.54536/ajec.v4i1.4020>

#### 26. PhD Dissertation Completed as Major Professor (Supervisor)

SL#	Name of the students	Title of Dissertation	Term
1.	Dipanwita Bhattacharjee (2012-05-2885)	Chakma Women in Shifting Cultivation: A Comparative Study in Selected Areas of Bangladesh and India	Winter/2016
2.	Aliyu Akilu Barau (16-11-4171)	Crop Management and Livelihood Practices of Farmers in Selected Char lands of Bangladesh	Summer/2019
3.	Syada Tasnim Jannat (17-11-4522)	Impact of BARI aam-3 and BARI alu-25 Adoption on the Growers' Livelihood	Winter/21

#### 27. PhD Dissertation Completed as Member of Advisory Committee (Co-Supervisor)

SL#	Name of the students	Title of Dissertation	Term
1.	Md. Iqbal Hossain (06-11-1836)	Agar-Based Agroforestry Model in Maximizing the Productivity and Profitability at Farm Level	Summer/22
2.	K.M. Mamun Uzzaman (18-08-4920)	Spatiotemporal Changes, Ecosystem Services and Challenges for Sustainability of Sundarban Mangrove Forest in Bangladesh	Autumn/21
3.	Md. Sadekur Rahman (06-11-1794)	Mobile Phone Usage and Women Empowerment: An Exploration of Rural Agricultural Farm Enterprise Development in Bangladesh	Autumn/21
4.	Md. Mahmudul Hasan (03-11-1321)	Communication Behavior of the Potato Growers in Bangladesh	Winter/16
5.	Md. Nazrul Islam (91-11-071 )	Effectiveness of Floating Agriculture for Adapting Climatic Changes in Southern Bangladesh	Autumn/14

#### 28. MS Thesis Completed as Major Professor (Supervisor)

SL#	Name of the students	Title of Thesis	Term
1.	Sonia (06-11-1833)	Adoption of Vegetable Cultivation by the Growers in Selected Area of Patuakhali District	Summer/09
2.	Hussain Ahamad Imran (05-05-1561)	Coping Strategies Practiced by the Displacees for River Erosion	Summer/11
3.	Khondoker Sazia Afrin (05-05-1591)	Effects of Industrial Wastes on Crop Production	Summer/11

4.	Ashrafunnahar Tuli (05-05-1605)	Women's Participation in Household and Agricultural Activities in Selected Areas of Gazipur District	Autumn/11
5.	Md. Mominul Islam (05-05-1596)	Perception of Sub Assistant Agricultural Officer on Sustainable Agricultural Practices	Winter/11
6.	Md. Hashmi Sakib (10-11-2543)	Adoption of Aquaculture Technologies by the Farmers in Selected area of Bogra District	Winter/12
7.	Foyez Ahmed Prodhan (07-05-1898)	Barriers and Preparedness of Agricultural Extension Workers towards ICT Utilization in Gazipur District	Winter/12
8.	Naima Sultana (07-05-1905)	Women's Participation in Rice Husking Mills in Sherpur District Town	Autumn/13
9.	Shifat Sultana (07-05-1969)	Women's Participation in Food for Work Program in Selected Area of Kapasia Upazila of Gazipur District	Autumn/13
10.	Sonia Yasmin (2007-05-1879)	Impact of Liming on Crop Production in Acid Soils of Belabo Upazila	Autumn/13
11.	Sanjida Ananna Zaman (2007-05-1976)	Job Satisfaction and Food Security of the Women Garments Worker in Selected Garments of Gazipur District	Autumn/13
12.	Shahoriar Ferdous (2007-05-1886)	Impact of Vulnerable Group Development Program on Food Security in Kushtia Sadar Upazila of Bangladesh	Summer/14
13.	Kamrul Hasan (2012-05-2887)	Impact of Alternate Wetting and Drying Technique on Rice Production in Drought Prone Areas of Bangladesh	Winter/14
14.	Abu Habib Abdullah (13-05-3091)	Status and Prospects of Biotechnological Products in Bangladesh	Winter/14
15.	Pinu Chakma (09-05-2230)	Chakma Women and Shifting Cultivation in Khagrachari District	Summer/15
16.	Rubi Akter (09-05-2261)	Role of Women on Conservation of Homestead Plant Biodiversity	Summer/15
17.	Afrin Sultana (2009-05-2214)	Knowledge of Farm Women on Nutritional Value of Farm Products	Autumn/15
18.	Rumman Akter Kafura (2009-05-2244)	Use of ICT as Extension Tools by the Farmers in Selected Areas of Gazipur District	Autumn/15
19.	None Gopal Paul (2009-05-2270)	Contribution of Livestock, Poultry and Fisheries Production to Household Income	Autumn/16
20.	Maria Khatun (2011-05-2651)	Fisheries Resources and Livelihood of Fishermen in Chalan Beel	Autumn/16
21.	Mahmudul Hasan (2011-05-2670)	Socio-Economic Status of Fishermen and Fish Farmers in Trishal Upazila of Mymensingh District	Winter/2016
22.	Sabina Yeasmin (11-05-2663)	Fish Biodiversity and Livelihood Status of Fishermen Living Around Titas River	Winter/2016
23.	Khairun Nahar (11-05-2671)	Impact of Banning Hilsa Fishing on the Livelihood Status of Fishermen in Lalmohan Upazila under Bhola District	Summer/2017
24.	Ahsan Habib Khan (15-05-3760)	Farmers' Preference for Selected Rice Varieties in Mirzaganj Upazila under Patuakhali District	Summer/2017
25.	Moriom Naznin (12-05-2805)	Farmers' Knowledge and Perception on Pesticide Use for Vegetable Production in Selected Areas of Narsingdi District	Summer/2018
26.	Mostakima Binta Monir (12-05-2800)	Farmers' Perception on Impact of Industrial Effluent Contamination in Rice Production	Summer/2018
27.	Nushrat Jahan Upoma (13-05-2991)	Impact of Integrated Agricultural Productivity Project on the Beneficiaries in Mithapukur Upazila of Rangpur District	Summer/2019
28.	Mst. Runju Akter (13-05-2962)	Adoption of Spices Technologies by the Growers in Shibganj Upazila of Bogura District	Autumn/19
29.	Anwara Begum (13-05-2965)	Impact of Labor Migration on Rural Livelihood in Pakundia Upazila under Kishoregonj District	Autumn/19
30.	Arafat Hossain Galib (17-08-4511)	Performance of Selected BSMRAU Technologies in Gaibandha and Bogura District	Winter/19
31.	Md. Amzad Hossain (17-08-4508)	Adoption of IPSP seem and BU pepe1 in Meherpur Sadar and Bhaluka Upazila	Winter/19



32.	Md. Iske Abdullah (14-05-3414)	Adaptation of Coastal Farmers to Increasing Salinity in Bangladesh	Summer/2020
33.	Md. Shahol Rana (14-05-3388)	Impact of Floating Market on the Livelihood of the Beneficiary	Winter/2020
34.	Md. Ashraful Islam (15-05-3712)	Adoption and Profitability of Maize Production in Kaliganj Upazila under Lalmonirhat District	Autumn/2021
35.	Eshrak Farabi (15-05-3712)	Women Participation in Homestead Vegetable Production Using Vermicompost in Cumilla District of Bangladesh	Autumn/2021
36.	Md. Roknuzzaman (14-05-3168)	Fisheries Resources and Livelihood Status of Fishermen in Natural Depression under North Western District of Bangladesh	Autumn/2021
37.	Maifur Jahan Oishi (18-11-4923)	Ecosystem Management and Rural Development in Dagonbhuiyan Upazila under Feni District	Autumn/2021
38.	Sushmi Rahman Chaity (15-05-3708)	Farm Women's Knowledge and Practice on Postharvest Handling of Vegetables in Chuadanga District of Bangladesh	Winter/21
39.	Nuruzzaman (16-05-4079)	Community Based Rice Seed Entrepreneurship Model in Bangladesh: Current Status, Challenges and Opportunities	Autumn 22
40.	Amlan Biswas (16-05-4082)	Miller-Farmer Preference in Selecting Promising Rice Varieties in Bangladesh	Autumn 22
41.	Tanjina Parven (16-05-4093)	Dealer-Customer Partnership in Rice Production Demonstration: Assessment of Private Extension System in Bangladesh	Winter 22
42.	Tanzina Tazmim Tani (16-05-4046)	Impact of Training on Rice Production, Processing and Preservation among the Stakeholders in Bangladesh	Winter 22
43.	Md. Rashid Asef Dipto (17-05-4434)	Status of Uncultivated and Neglected Vegetable in Haor Region	Winter 23
44.	Yasir Arafat (17-05-4461)	Abundance and Utilization of Uncultivated Vegetable in Selected Hill Tracts of Bangladesh under Changing Climate	Winter 23
45.	Riyad Hasan (17-05-4407)	Role of Human Capital on Good Animal Husbandry Practices for Milk Production in a Milk Pocket Area of Bangladesh	Winter 23
46.	Tahmina Akter (17-05-4408)	Growers' Preference on Climate Resilient Rice Varieties through Head-To-Head Adaptive Trial in the Saline Soils of Bangladesh	Winter 23
47.	Tahmina Nahar (17-05-4455)	Growers' Choice on Climate Resilient Rice Varieties through Head-To-Head Adaptive Trial in Haor Regions of Bangladesh	Summer 2024
48.N	Naim Ahmed (17-05-4470)	Dynamics of Food Security and Income-Expenditure-Saving Behavior of Selected Ethnic Minorities in Naogaon District of Bangladesh	

#### 29. MS Thesis Completed as Member of the Advisory Committee (Co-Supervisor)

Sl.#	Name and Reg.#	Title	Year of passing
1.	Fozle Rabbi (17-05-4442)	Adoption and Profitability of Bari Masur-8 in Selected Area of Rajshahi	Winter/24
2.	Juana Sultana Jothi (17-05-4417)		
3.	Md. Zahdul Islam (17-05-4207)		
4.	Zannatul Ferdous (17-05-4422)		Winter/24
5.	Ria (SSC)		
6.	Sohana Synthya Broty (16-05-4078)	Preference of Organic Products by the Agri-Professionals	Autumn/23
7.	Md. Harunur Roshid (15-05-3561)	Coping Strategy of Flood for Livelihood Management: A Case of Purnimagati Union under Sirajganj District	Summer/22
8.	Laboni Talukder (15-05-3713)	Spatial Market Integration and Growth Analysis: The Case of Rice Market in Bangladesh	Autumn/21
9.	Md. Alam Hossain (14-05-3410)	Impact of Lotkon Cultivation on the Growers' Livelihood	Summer/21
10.	Sidhyartha Roy (18-08-4912)	Adoption of Vermicomposting by the Farmers' in Thakurgaon District	Summer/20

11.	Md. Al-Amin (18-08-4916)	Farmers Perception on Vermicompost Use in Homestead Vegetable Production	Autumn/20
12.	Sohel Rana (13-05-3033)	Adoption and Profitability of Catfish Farming in Trishal Upazila	Autumn/19
13.	Md. Mojammel Haque (13-05-3004)	Biochar on Soil Fertility and Crop Productivity in Shibalaya Upazila of Manikgonj District	Summer/19
14.	Sirajum Monira (11-05-2599)	Amendment of Industrial Effluents Contaminated Soils Using Biochar	Summer/19
15.	Mahabuba Akther Charly (17-08-4497)	Farm Level Status of Fish Diseases and their Management by the Farmer	Winter/19
16.	Shahnaz Khanom (12-05-2857)	Consumers' Preference and Consumption of Sea fish in Dhaka City	Summer/18
17.	Md. Atik Ullah Patwary (12-05-2785)	Adoption of e-Agriculture in Transfer of Agricultural Information	Autumn/18
18.	Md. Shahnewas Kabir (16-11-4160)	Farmers' Response on Cultivation of Mustard in between Aman and Boro Rice	Winter/18
19.	Md. Khalid Hasan (11-05-2640)	Access to Livelihood Capitals by the Farmers in Char Areas: Some cases in Bangladesh	Summer/18
20.	Md. Mominul Haque (12-05-2840)	Impact of Anthropogenic Activities on Fish Biodiversity of Jamuna River and its Effects on Profession of Fisherman	Autumn/18
21.	Fahima Akter Misho (12-05-2764)	Efficiency of Rice-Husk Derived Biochar in Reducing Heavy Metal Uptake by Vegetable	Summer/18
22.	Nympha Parveen (11-05-2641)	Consumers' Perception on Safety of Vegetables and Its Effect on Their Vegetable Purchasing Decisions in Mymensingh City	Summer/17
23.	S. M. Tawshifur Rahaman (10-05-2394)	Adoption of Aquaculture Technologies by the Farmers of Gazipur District	Summer/17
24.	Bidyut Narayan Deb (14-11-3447)	Drivers of Profitability and Adoption of Different Fisheries Polyculture Practices in Southern Coastal Region of Bangladesh	Autumn/17
25.	Hasna Hena (11-05-2587)	Isolation and Characterization of Salt Tolerant Bacteria from Saline Soils of Bangladesh	Autumn/17
26.	Lelin Chakma (11-05-2654)	Perception of Fisherman on Fisheries Management Practices adopted in Kaptai Lake area	Winter/16
27.	Md. Shariful Islam (11-05-2586)	Utilization and Obstacle of ICT Use in Agricultural Extension Service	Autumn/16
28.	Shahriar Hasan (10-05-2408)	Pest Risk Analysis and Management Practices for Increasing Profitability of Lemon Production	Summer/16
29.	Lily Chakma (09-05-2183)	Fish Diversity and Livelihood Status of Fisherman Living Around the Kaptai Lake	Summer/15
30.	Md. Akter Faruk Fuad (09-05-2306)	Impact of IPM Practices on Tomato Cultivation	Summer/15
31.	Md. Imam Hosain (09-05-2307)	Soil Fertility Assessment of Keshorita Village under Gazipur District	Winter/15
32.	Sanzida Akter (08-05-2028)	Empowerment of Rural Women through Agricultural Technology Intervention	Winter/14
33.	Nahid Shahnewaz Ahmed (08-05-2111)	Role of Union Information and Service Center in Community Development	Winter/14
34.	Maliat Anjum (08-05-2067)	Species Diversity and Productivity of different Homestead Microsites in Selected Terrace Ecosystem of Bangladesh	Summer/14
35.	Md. Johirul Islam (16-11-4171)	Management Practices for Rice Production and Soil Fertility Improvement in Nachole Upazila of Chapainawabganj	Winter/14
36.	Imran Ullah Sarkar (17-11-4522)	Effect of Integrated Plant Nutrition System on Sustaining Rice Yield in Rice-Rice Cropping Pattern	Summer/14

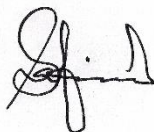
37.	Md. Riaz Uddin (11-11-2728)	Land Use Change and Its Impact on Ecosystem Services and Livelihood in Tanguar Haor Wetland of Bangladesh	Winter/13
38.	Md. Mofassal Hoque (06-05-1758)	Household Waste Management for Vegetable Production and Soil Health Improvement	Winter/13
39.	Farzana Alam (06-05-1765)	Effect of Micronutrients on the Yield and Nutrient Uptake of Garlic under Red Brown Terrace Soil	Autumn/12
40.	Lutfun Nahar Mukta (05-05-1572)	Participation of Rural Women in Homestead Agricultural Activities	Winter/11
41.	Tanjila (05-05-1608)	Adoption of Hybrid Rice in the Selected Area of Gazipur District	Winter/11
42.	S. M. Rezaul Karim (09-05-2333)	Adaptation of Agro Technologies to Address Climate Change in Drought Prone Region of Bangladesh	Winter/11
43.	Tanvir Monower (07-11-2005)	Socio-Economic Impact of Aila in Paikgacha Upazila Under Khulna District	Summer/11
44.	Mahbuba Sultana (10-05-2524)	Effect of different Organic Wastes in Tomato Cultivation and Soil Fertility	Winter/11

### 30. Current Students under Supervision as Major Professor

Sl#	Name of students	Name of Dept.	Degree
i.	Md. Shibly Sadik (18-05-4633)	AER	MS
ii.	A. K. M. Mahmudul Hasan (19-05-4973)	AER	MS
iii.	Zainab Tazkia (19-05-5247)	AER	MS
iv.	Monika Yeasmin Mow (19-05-5198)	AER	MS
v.	Shahriar Hasan (10-05-2408)	AER	PhD
vi.	Mir Asef Mahmud (19-05-5266)	AER	MS
vii.	Hasiba Rahman Kimti (19-05-5223)	AER	MS
viii.			

### 31. Current MS Student under Supervision as Member of the Advisory Committee

Sl#	Name of students	Name of Dept.	Degree
i.		AER	MS
ii.	Juana Sultana Jothi (17-05-4417)	AER	MS
iii.		AER	MS
iv.	Eyasin Islam (17-05-4190)	AGR	MS
v.	Boshra Jahan Ria (17-05-4232)	SSC	MS
vi.	Md. Zahidul Islam (17-05-4207)	SSC	MS
vii.	Sabina Sultana (04-11-1430)	AER	PhD
viii.	Rouson Ara Begum (20-11-5714)	SSC	PhD



15-05-25

Signature with date