

**Curriculum Vitae**  
**of**  
**Hasan Mohammad Sammy**



**Current Position:** Associate Professor of Statistics

**Mailing Address:**

Department of Agricultural Statistics  
Sher-e-Bangla Agricultural University  
Sher-e-Bangla Nagar, Dhaka-1207

**Professional Experience** : 10 Years in Teaching & Research  
**Number of Publications** : 16 Research Articles in reputed journals, and  
01 Conference paper  
**Trainer** : Bangladesh Bureau of Statistics (BBS)

**E-mail** : hmsammy@gmail.com; hmsammy@sau.edu.bd  
**Mobile** : 01724412824  
**Date of Birth** : October 02, 1985.  
**Nationality** : Bangladeshi by Birth  
**Father's Name** : Am. A. Rahim  
**Mother's Name**: Suraya Begum  
**Spouse's Name** : Sumaiya, MS in Soil Science, Sher-e-Bangla Agricultural University

**Permanent Address** : Village: Bailabo, Post: Bailabo, Upo-Zilla: Shibpur, District: Narsingdi  
**Sex** : Male  
**Marital Status** : Married  
**Child** : 1 Son & 1 Daughter  
**Citizenship** : Bangladeshi  
**Religion** : Islam/Muslim  
**Language Efficiencies** : Mother Tongue: Bangla (Bengali)  
Language of Higher Studies: English

**Education:**

<b>PhD</b>	Jahangirnagar University	Statistics and Data Science
<b>Thesis Title:</b> Relative Profitability and Health Risk Assessment of Tobacco and Other Major Crop Production: Towards Controlling Tobacco Cultivation in Bangladesh		
<b>M.S. in Statistics</b> (Thesis Group)	Shahjalal University of Science and Technology, Sylhet	Statistics
<b>Thesis Title:</b> Status, Determinants and Investment Behavior of Foreign Remittances in Rural Bangladesh		
<b>B.Sc. (Honours) in Statistics</b>	Shahjalal University of Science and Technology, Sylhet	Statistics
<b>Higher Secondary Certificate (HSC)</b>	Board - Dhaka. Institution - Govt. Shibpur Shahid Asad College	Science
<b>Secondary School Certificate (SSC)</b>	Board- Dhaka. Institution - Moharpara High School	Science

### Employment History:

Period	Position held
May 2022 – till now	<b>Associate Professor</b> , Department of Agricultural Statistics, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh
May 2015 – April 2022	<b>Assistant Professor</b> , Department of Agricultural Statistics, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh
May 2013 – April 2015	<b>Lecturer</b> , Department of Agricultural Statistics, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh

### Others Administrative

Period	Position held
2016 - 2021	<b>Assistant Provost</b> , Sher-e-Bangla Hall, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh
2022 – till now	<b>Assistant Provost</b> , Kabi Kazi Nazrul Islam Hall, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh

### Training:

Subject of Training	Institution/Organization	Duration
Data Analysis by Statistical Package STATA	Sher-e-Bangla Agricultural University. Supported by HEQEP, Bangladesh University Grants Commission, Dhaka, Bangladesh.	9 days

### Research Interest:

Agricultural Statistics, Business Statistics Biostatistics, Inferential Statistics, Time series, Demography, Resource use efficiency, Climate Change Adaptation, Sustainable development and Big data analysis.

### Consultancy and Research Experience:

Jun 2021 – June 2022	Working as “ <b>Principle Investigator</b> ” in the research project “ <b>Factors Influencing the Tobacco Growers' Transition to Non-tobacco Cultivation and vice versa: A Comparative Analysis of Workloads, Economic Status, and Health between the Two Groups</b> ” financial supported by Tobacco Control Research Grant Program of John Hopkins University, USA.
Jun 2020 – June 2021	Working as “ <b>Principle Investigator</b> ” in the research project “ <b>Comparative Profitability and Health Hazard Analysis of Wheat, Boro Rice and Tobacco Production In Manikganj District of Bangladesh</b> ” financial supported by Sher-e-Bangla Agricultural University Research System (SAURES), SAU.
Jun 2020 – June 2021	Working as “ <b>Principle Investigator</b> ” in the research project “ <b>Impact of Climate Change on Rural Productivity: A Study towards Achieving Sustainable Food Security in Sunamganj District of Bangladesh</b> ” financial supported under special allocation for the ministry of science and technology.
Jun 2020 – June 2021	Working as “ <b>Principle Investigator</b> ” in the research project “ <b>Profitability analysis with comparison of three major crops and tobacco production in tobacco cultivated area</b> ” financial supported by Tobacco Control Research Grant Program of John Hopkins University, USA.
July 2020 – June 2021	Working as “ <b>Co-Investigator</b> ” in the research project “ <b>Multi-Plans Modelling to</b>

	<b>Reduce the Indoor Air Pollution and Simulation for Sustainability Analysis: An Evidence from Randomized Experiment of NASA Recommended Plants</b> ” financial supported under special allocation for the ministry of science and technology.
July 2014 – June 2016	Working as “ <b>Member</b> ” in the implementation project “ <b>Improvement of Teaching-Learning Quality of Undergraduate and Postgraduate Studies of the Faculty of Agribusiness Management</b> ” for academic innovation fund (AIF) under window 1 funding of the sub-project under the HEQEP.
Nov. 2012 – May 2013	Working as “ <b>Research Assistant &amp; Data Analyst</b> ” in the research project “ <b>Financial and Economic Profitability of Selected Agricultural Crops in Bangladesh</b> ” supported by National Food Policy Capacity Strengthening Programme (NFPCSP), Bangladesh and Food and Agriculture Organization (FAO) of the United Nations from <b>November 2012</b> .
Nov. 2011 – Oct. 2012	“ <b>Research Assistant &amp; Data Analyst</b> ” in the research project “ <b>Rural-urban Migration and its Implications for Food Security in Bangladesh</b> ” sponsored by <b>FAO and NFPCSP</b> , funded by <b>EC, USAID and GoB</b> .
April 2011 – Oct. 2011	“ <b>Research Associate &amp; Data Analyst</b> ” in the research project “ <b>Utilization Pattern of International Remittances in the Sylhet Region: A Study on Rural-Urban Differentials</b> ” financed by the University Grants Commission of Bangladesh under the research grants of Shahjalal University of Science & Technology, Sylhet for 2010-11.
April 2010 – Mar. 2011	“ <b>Research Associate &amp; Data Analyst</b> ” in the research project “ <b>A Comprehensive Study on the Causes and Consequences of Rural-Urban Migration in Bangladesh - What Should be the Next Step and Strategy?</b> ” Sponsored by <b>Social Science Research Council (SSRC)</b> , Ministry of Planning, GoB.
July 2010 – Oct. 2010	“ <b>Research Associate &amp; Data Analyst</b> ” in the research project “ <b>Impact of International Remittances on Education: A Study in Three Selected Areas of Sylhet Region</b> ”, financed by the University Grants Commission of Bangladesh under the research grants of Shahjalal University of Science & Technology, Sylhet for 2009-10.
Oct. 2009 – June 2010	“ <b>Research Associate &amp; Data Analyst</b> ” in the research project “ <b>Food Security Strategies of the People Living in Haor Areas: Problems and Prospects</b> ” sponsored by <b>FAO</b> under <b>NFPCSP</b> of Ministry of Food, GoB.

#### **List of Publications and Research Papers:**

##### **A. Number of Published Papers/Articles : 16**

- [16] **H. M. Sammy**, M. A. Kabir (2023). Comparative Profitability Analysis of Maize and Tobacco Production in Manikganj District of Bangladesh. Journal of Sher-e-Bangla Agricultural University, Ref. J.Sher.Agric.Univ.261, Volume 14 (No. 1&2) Issue: Jan-July 2023.
- [15] **H. M. Sammy**, M. A. Kabir, S. Islam (2023). Comparative Health Hazard Analysis of Non-Tobacco and Tobacco Producer in Manikganj District of Bangladesh. Journal of Sher-e-Bangla Agricultural University, Ref. J.Sher.Agric.Univ.262, Volume 14 (No. 1&2) Issue: Jan-July 2023.
- [14] **H. M. Sammy**, S. Akter, T. H. Beg, S. Afrin, R. Begum (2022). A productivity analysis with comparison on boro rice (*Oryza sativa*) and jute (*Corchorus olitorius*) production in shibchar upazilla under madaripur district of bangladesh. A. Journal. Bis. Stus. 11(3): 01-07, May 2022. AJBS: ISSN 2221-8106, Volume 11 Issue 3 May 2022.
- [13] **H. M. Sammy**, S. Akter, T. H. Beg, S. Afrin, R. Begum (2022). Financial analysis of Gerbera

(*Gerbera jamesonii* L.) flower cultivation in Jashore district of Bangladesh. A. Journal. Bis. Stus. 11(2): 01-09, March 2022. AJBS: ISSN 2221-8106, Volume 11 Issue 2 March 2022.

- [12] **H. M. Sammy**, M. S. Hossain, S. Afrin, T. H. Beg, M. A. Latif (2022). An economic analysis of pond fish culture in Kalaroa upazila under Satkhira district of Bangladesh. A. Journal. Bis. Stus. 11(1):09-15, January 2022. AJBS: ISSN 2221-8106, Volume 11 Issue 1 January 2022.
- [11] M. Mizanur Rahman Sarker, **H. M. Sammy**, Maruf Khan, Nahid Akhtar. (2022). Modeling to Reduce the Indoor Air Pollution in Dhaka: An Evidence from Randomized Experiment of NASA Recommended Plants. International Journal of Environment and Climate Change. 12(2): 84-92, 2022; Article no.IJECC.82257 ISSN: 2581-8627 Article Information DOI: 10.9734/IJECC/2022/v12i230631
- [10] M. A. Latif, M. I. Huq, **H. M. Sammy**, T. H. Beg, T. (2020). Factors affecting customer satisfaction of cell phone users in Dhaka city of Bangladesh. Int. J. Soc. Dev. Inf. Syst. 11(1): 01-09. January 2020 IJSDIS: ISSN 2078-192X Volume 11 Issue 1.
- [9] A.H. Siddiquee, **H. M. Sammy**, M.R. Hasan (2019). Rice marketing system, profitability and middlemen's role in two districts of Bangladesh. Journal of Bangladesh Agricultural University. ISSN 1810-3030 (Print) 2408-8684 (Online). <http://baures.bau.edu.bd/jbau>, [www.banglajol.info/index.php/JBAU](http://www.banglajol.info/index.php/JBAU)
- [8] **H. M. Sammy**, M. A. Latif, M. R. Rahman, B. Dewan and R. K. Rasha. (2015). Profitability and Household Level Efficiency of Aromatic Rice Production in Dinajpur District of Bangladesh. International Journal of Sustainable Agricultural Technology. ISSN 1815-1272, Vol. 11(4): 1-5.
- [7] **H. M. Sammy**, M. A. Latif, M. R. Rahman, F. Sarker and R. K. Rasha. (2015). Utilization of Foreign Remittances in Rural Area of Bangladesh: Status and Determinants. Asian Journal of Business Studies. ISSN 2221-8106, Vol. 5(2): 1-6.
- [6] M. A. Latif, **H. M. Sammy**, M. R. Rahman, R. K. Rasa and H. A. Rashid. (2015). Vegetable and Fruit Production and Marketing of Women Farmer in Bangladesh. International Journal of Sustainable Agricultural Technology. ISSN 1815-1272, Vol. 11(2): 6-12.
- [5] M. A. Latif, **H. M. Sammy**, M. R. Rahman and N. M. Rahmatullah. (2015). Exploring Socio-Economic Condition of Rickshaw Pullers in Dhaka City. International Journal of Social Development and Information System. ISSN 2078-192X, Vol. 6(1): 1-6
- [4] **H. M. Sammy**, S. Islam, M. M. Riad and S. J. Rayhan. (2013). Improving Livelihood Pattern of Hand Weavers Particularly Women in Kishoreganj District of Bangladesh. Journal of Sher-e-Bangla Agricultural University. ISSN 1997-6038, Vol. 7(2): 19-27.
- [3] S. J. Rayhan, M. S. Rahman, **H. M. Sammy** and S. Saha. (2013). Profitability and Resource Use Efficiency of Mustard Production in Sirajganj District, Bangladesh. Journal of Sher-e-Bangla Agricultural University. ISSN 1997-6038, Vol. 7(1): 30-35
- [2] M. S. Reza, M. M. H. Kazal and **H. M. Sammy**. (2013). Productivity and Resource Use Efficiency in Rice Farming in Sylhet District, Bangladesh. Journal of Sher-e-Bangla Agricultural University. ISSN 1997-6038 Vol. 7(1): 22-29.
- [1] **H. M. Sammy**, M. M. H. Kazal, M. M. Riad and A. A. Latif. (2013). Determinants and Investment Behavior of Foreign Remittances in Rural Bangladesh. Journal of Sher-e-Bangla Agricultural University. ISSN 1997-6038, Vol. 7(1): 6-14.

## **B. Number of Conference Papers : 01**

- [1] **H. M. Sammy**, M. Z. Hossain, J. U. Ahmed (2012). Status and Determinants of Foreign Remittances: Evidence from Rural Bangladesh. Published in the Proceeding International Conference on Statistical Data Mining for Bioinformatics Health Agriculture and Environment, 21-24 December, 2012. ISBN: 978-984-33-5876-9. pp 477-483.

## **Supervision of MS Students:**

12 Students obtained their M.S (Thesis) degree under my supervision.

S.L.	Year	Supervision	Thesis Title
1	2021	Supervisor	Profitability and Technical Efficiency of Chili Production in Some Selected Upazilla of Bogura District in Bangladesh
2	2021	Co-Supervisor	Financial Analysis of Mustard Cultivation in Some Selected Areas of Nilphamari District
3	2021	Co-Supervisor	Financial Profitability Analysis of Gerbera Flower Cultivation in Some Selected Areas of Jashore District
4	2021	Co-Supervisor	Financial Profitability of Cauliflower Production in Some Selected Area of Narsingdi District
5	2020	Supervisor	A productivity analysis with comparison on Boro rice and Jute production in Shibchar upazilla of Madaripur district
6	2020	Supervisor	An economic analysis of pond fish culture in some selected areas of Satkhira district
7	2020	Co-Supervisor	Smoking behaviours, self-appreciations and the role of Milieu in predicting cigarette use among SAU students
8	2020	Co-Supervisor	A study on profitability analysis of Boro rice cultivation in some selected area of Laxmipur district
9	2018	Co-Supervisor	Profitability and resource use efficiency of Brinjal cultivation in some selected areas of Satkhira district
10	2018	Co-Supervisor	Financial profitability of Ginger cultivation in some selected areas of Nilphamari district in Bangladesh
11	2018	Co-Supervisor	Socio-economic status and marketing system of Banana cultivation in Narsingdi district
12	2018	Co-Supervisor	Profitability analysis of Tilapia fish farmers in some selected areas of Cumilla district in Bangladesh
13	2018	Co-Supervisor	Assessment of nutrition status of pregnant women: A study in Noakhali district
14	2018	Supervisor	Poverty in two selected districts in Bangladesh: Causes and Consequences
15	2018	Supervisor	Household nutrition status and its association with illness of two selected districts in Bangladesh
16	2016	Co-Supervisor	Women's participation in rural economic activities in Rangpur district of Bangladesh

### **Courses Taught**

**Postgraduate (MS):** Sampling Technique, Statistical Inference, Operations Research, Biostatistics and Demography, Economic Statistics, Advanced biostatistics

**Undergraduate:** Agricultural Statistics (Theory & Practical), Computer Packages (Theory), Business Statistics-1 (Theory & Practical), Business Statistics-II (Theory & Practical), Statistical Packages and Computer Applications in Agribusiness (Theory & Practical), Quantitative Analysis (Theory &

Practical), Descriptive Statistics (Theory & Practical), Inferential Statistics (Theory & Practical), Statistical Packages and Computer Application in Social Sciences (Theory & Practical), Regression Analysis (Theory & Practical), Research Methodology (Theory & Practical), Biostatistics (Theory & Practical)

### **Basic Skills in Statistical Software**

SPSS, STATA, R, Python

### **Membership in Professional Organization:**

Bangladesh Tobacco Control Research Network (BTCRN)	Member
Bangladesh Statistical Association (BSA)	Life member
SAU Computer Club (SAUCC)	Advisor
Badhon (SAU Unit)	Advisor
SAU ICT & Career Development Club	Advisor

### **References:**

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Statistics  
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#### **2. Dr. Md. Zakir Hossain**

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Technology, Sylhet-3114  
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