



**Associate Professor (Animal Husbandry)**

School of Agriculture and Rural Development (SARD)

Bangladesh Open University, Gazipur-1705, Bangladesh.

PABX: 0088-09666-730730, Ext. 684 (Personal)

Phone: +88-02-9291110 (Dean Office)

Cell: 0088-01712943894

Fax +88-02-9291110 (Dean Office)

E-mail: hamidethu@yahoo.com, drmahamid.bou@gmail.com

**Area of Specialization and Research Interest**

Animal Science, Animal Breeding, Genetics & Reproductive Biotechnology

**Education Qualification**

- Ph.D. in Animal Genetics, Breeding and Reproduction (3 years), College of Animal Science and Technology, China Agricultural University, Beijing, China (September 2009 to July 2012)
- M.S. in Animal Science (1 and half years), Bangladesh Agricultural University, Mymensingh, Bangladesh. (2006 to 2007), **(CGPA 3.695 out of 4.0)**
- B.Sc. in Animal Husbandry (4 Years), Bangladesh Agricultural University, Mymensingh, Bangladesh. 2000. **(First Class)**
- Higher Secondary School Certificate (**HSC**) Examination, Dhaka Board, 1995. **(First Division with Star)**
- Secondary School Certificate (**SSC**) Examination, Dhaka Board, 1993. **(First Division with Star)**

**Professional Experience**

- March 2021 ~ to date: **Associate Professor**, Animal Husbandry Discipline, SARD, BOU, Gazipur.
- March 2016 ~ Feb. 2021: **Assistant Professor**, Animal Husbandry Discipline, SARD, BOU, Gazipur.
- Nov. 2013 ~ Feb. 2016: **Lecturer**, Animal Husbandry Discipline, SARD, BOU, Gazipur.
- Dec. 2012 ~ Nov. 2013: **Senior Scientific Officer**, Lal Teer Livestock Limited, Dhaka, Bangladesh.
- June 2005 ~ June 2008: **Area Sales Manager**, Bengal Overseas Limited (Exclusive Distributor: Intervet International B.V. the Netherlands), Dhaka, Bangladesh.
- July 2002 ~ May 2005: **Production Officer**, Aftab Bahumukhi Farms Limited, Bhagalpur, Bajitpur, Kishoregonj, Bangladesh.

**List of Publications**

1. **Hamid, M.A.** Fishy off-flavor trait in human and animal due to trimethylamine content and *FMO3* gene mutations: A review. **2022**. Int. J. Bus. Soc. Sci. Res. 10(2): 19–23.
2. **Hamid, M. A.** and Hossain, K. M. **2022**. Study on Reproductive Performance of Bangladeshi Buffalo under Intensive Farming System. Int. J. Bus. Soc. Sci. Res. 10(1): 57–65.
3. **Hamid, M.A.** Problems of BAgEd Learners' in Haor area of Bangladesh. **2021**. Int. J. Bus. Soc. Sci. Res. 9(2): 76-82.
4. **Hamid, M. A.** Learners' Knowledge and Perception on the Requirement and Intake of Milk,

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- Meat and Egg of MEd Program in BOU. **2021**. *Int. J. Bus. Soc. Sci. Res.* 9(2): 56-61.
5. Trisha, A.A., **Hamid, M.A.**, Latif, M.A., Hossain, M.S. and Islam, F. Milk production performances of Jersey × Deshi crossbred cattle in Dinajpur district of Bangladesh. **2021**. *Int. J. Bus. Soc. Sci. Res.* 9(1): 80–83.
  6. Hossain KM, Gazi MS, Barai P, Al-Mazid MF, Jalil MA, **Hamid MA**, Rahman M. Isolation and biochemical characterization of probiotic bacteria obtained from selective regional yoghurts in Bangladesh. **2021**, *J Food Saf Health*, 1(1): 1-7.
  7. Ahmed S, **Hamid MA**, Rahman MM. Assessment of ghee adulterated with oils and fats in Bangladesh, **2020**, *J. Adv. Vet. Anim. Res.*, 7(4): 678–684.
  8. K. M. Hossain, B. Mazumder, S.M.M. Rahman and **M.A. Hamid**. Genetic diversity analysis of lactic acid bacteria isolated from regional yogurt samples, **2020**, *Bang. J. Livs. Res.*, 27 (1&2): 55-63.
  9. K. M. Hossain, A.K. Das, S.M.M. Rahman, S. Roy and **M.A. Hamid**. Biochemical property analysis of native probiotic isolates from selective poultry, **2020**, *Bang. J. Livs. Res.*, 27 (1&2): 39-54.
  10. **M.A. Hamid**. Duck genetic resources, their improvement and conservation in Bangladesh: A review, **2019**, *SAARC J. Agri.*, 17(2): 31-42.
  11. **M.A. Hamid**. Biological diversity of farm animals in Bangladesh: A review, **2019**, *SAARC J. Agri.*, 17(2): 15-29.
  12. **M.A. Hamid**. Chicken germplasms and their conservation in Bangladesh: A review, **2019**, *SAARC J. Agri.*, 17(1): 119-134
  13. **M.A. Hamid**. Livestock production systems and their distribution pattern in Bangladesh: A review. *Central Journal of Bangladesh Open University*, **2018**, Vol. IV (1): 1-11.
  14. **M.A. Hamid**. Study on the effect of Insemination Time on Pregnancy Rate of Bangladeshi Buffalo in Intensive Farming, **2018**, *SAARC J. Agri.*, 16(2): 143-152.
  15. Rahman MA, **Hamid Md. Abdul**, Akhter B, Alam AMM Nurul, Hassanuzzaman Md. Production performance of ducks at haor areas in Sylhet division of Bangladesh. *Annals of Veterinary and Animal Science*, **2018**, 5(2): 23-36.
  16. Rahman MA, Aziz SA, **Hamid Md. Abdul**, Chowdhury MSI. Performance of productive and reproductive traits of indigenous buffalo at Jaintapur upazilla under Sylhet District of Bangladesh. *Annals of Veterinary and Animal Science*, **2018**, 5(1): 13-17.
  17. **M.A. Hamid**, A. Rahman, M.A. Zaman and K.M. Hossain. Cattle Genetic Resources and their Conservation in Bangladesh. *Asian J. Anim. Sci.*, **2017**, 11(2): 54-64.
  18. **M.A. Hamid**, M.A. Zaman, A. Rahman and K.M. Hossain. Buffalo Genetic Resources and their Conservation in Bangladesh. *Res. J. Vet. Sci.*, **2017**, 10 (1): 1-13.
  19. **M.A. Hamid**, M.A. Rahman, S. Ahmed and K.M. Hossain. Status of Poultry Industry in Bangladesh and the Role of Private Sector for its Development. *Asian J. Poult. Sci.*, **2017**, 11(1): 1-13.
  20. Zaman M.A, Ara A, Haque M.N and **Hamid M.A.** Chemical quality and economic status of dahi available in Sylhet city. *International Journal of Natural Sciences*, **2016**, 6(2): 75-78.
  21. **M.A. Hamid**, M. N. A. Siddiky, M. A. Rahman and K. M. Hossain. Scopes and Opportunities

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of Buffalo Farming in Bangladesh. SAARC J. Agri., **2016**, 14(2): 63-77.

- 22. M.A. Hamid**, S. Ahmed, M.A. Rahman and K.M. Hossain. Status of Buffalo Production in Bangladesh Compared to SAARC Countries. Asian J. Anim. Sci., **2016**, 10(6): 313-329.
- 23. M.A. Hamid**, S. Ahmed, M.A. Rahman and K.M. Hossain. Dairy Industry in Bangladesh: Present Scenario, Major Constraints and Strategies for Development. Bangladesh Open University Journal, **2016**, Vol. 3 (1): 17-43.
- 24. M.N.H. Sarker**, N. Sultana, **M. A. Hamid**, S. Sultana and A Rahman. Physio-Chemical Properties of Buffalo Milk Pudding Developed with Different Level of Egg. International Journal of Animal Resources, **2016**, 1 (2): 55-62.
- 25. M A Hamid** and K M Hossain. Role of private sector in the development of dairy industry in Bangladesh. Livestock Research for Rural Development, **2014**, 26 (10).
- 26. M A Hamid**, Wang Xi, Ding Xiangdong, Wang Chuduan and Zhao X. Measurement of trimethylamine concentration and evaluation of pig meat natural quality by spectrophotometric method. Front. Agr. Sci. Eng. **2014**, 1 (3): 236-241.
- 27. Wang, X., Li, H., Hamid, M.A.** and Zhao, X. Detecting Splicing Variants of FoxP2 and its Protein Expression in Chicken Brain. Asian J. Ani. Vet. Adv., **2012**, 7(8): 702-709.
- 28. Wang, X., Li, H., Hamid, M.A.** and Zhao, X. Differential expression of Forkhead box protein 2 between genders in chickens. African Journal of Biotechnology, **2012**, 11(58): 12153-12157.
- 29. Hamid, M. A., Wang, X.** and Zhao X. Genotyping of flavin-containing mono-oxygenase 3 (FMO3) gene by polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) and mismatch amplification mutation assay (MAMA-PCR) in chicken. African Journal of Biotechnology, **2012**, 11(7): 1823-1828.
- 30. Hamid, M. A., Akhter, S., Rahman, S.M.E.** and Khan, M. "Effect of Age and Wholesale Cuts on the Quality of Indigenous Sheep Carcass". Bangladesh Journal of Animal Science, **2008**, 37 (1): 32-38.

### **Seminar Paper**

- 1. M. A. Hamid.** Commercial buffalo production, a prospective livestock industry for Bangladesh. Proceedings of the 1st GCSTMR Congress, 4-5 February **2017**, Dhaka, Bangladesh. p: 45 (Abstract)

### **Research Project**

- **Hamid, M.A.** (Chief investigator). 2020-2021. Assessment of biosecurity measurement and management practices of dairy farms aiming to produce safe milk and milk products at Gazipur district by BOU internal fund. Finished & Accepted.
- **Hamid, MA.** (Chief investigator). 2018-2019. Assessing the BOU's Learners' Knowledge and Perception on the Requirement and Intake of Milk, Meat and Egg by BOU internal fund. Finished & Accepted.
- **Hamid, MA.** (Chief investigator). 2017-2018. Study Learners' Profile and Learning Problems of BAgEd Program in the Haor and Hilly areas of Bangladesh by BOU internal fund. Finished & Accepted.
- **Hamid, MA.** (Chief investigator). 2016-2017. Prospect for Developing Improved Technique for

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Proper Heat Detection and Accurate Breeding Time for Sustainable Buffalo Production in Bangladesh by BOU internal fund. Finished & Accepted.

### **Video and Audio Programs**

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- No of video program recorded: **43**
- No of audio program recorded: **51**

### **Academics and/or Administrative Responsibilities / Duties**

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- **Member, Academic Council**, Bangladesh Open University, Gazipur-1705 from 27.12.2022 to date.
- **Member, School Committee**, School of Agriculture and Rural Development, Bangladesh Open University, Gazipur-1705 from 26.05.2015 to 25.05.2017 & 30.10.2022 to date.
- **Coordinator as Publishing, Printing and Distribution Division** of School of Agriculture and Rural Development, Bangladesh Open University, Gazipur-1705 from 14.09.2020 to date.
- **Program Coordinator, CLP Program**, School of Agriculture and Rural Development, Bangladesh Open University, Gazipur-1705 from 15.06.2015 to 14.06.2017 & 15.07.2019 to date.
- **Member, Regulation Committee**, CLP Program, School of Agriculture and Rural Development, Bangladesh Open University, Gazipur-1705.
- **Writer, Integrated Agriculture Farming 1<sup>st</sup> paper (HSC Programme)** of Open School, BOU, Gazipur-1705.
- **Writer, Integrated Agriculture Farming 2<sup>nd</sup> paper (HSC Programme)** of Open School, BOU, Gazipur-1705.
- **Coordinator, Syllabus and Course Layout Preparation Sub-Committee of Master in Sustainable Agriculture and Rural Livelihood (MSARL), Course- MSARL 2301 & MSARL 2304, SARD, BOU.**
- **Member, Curriculum Sub-Committee**, BAgEd and CLP Program, School of Agriculture and Rural Development, Bangladesh Open University, Gazipur-1705.
- **Regulation Preparation** of Preliminary and Elementary Chinese Language Course, School of Social Sciences, Humanities and Languages, BOU.
- **Preparation of Course Layout** of Preliminary and Elementary Chinese Language Course, School of Social Sciences, Humanities and Languages, BOU.
- **Program Coordinator**, Chinese Language Course, School of Social Sciences, Humanities and Languages, Bangladesh Open University, Gazipur-1705 from July - December semester, 2015 to date.
- **Coordinator (Study Center, Dhaka RC)** of Chinese Language Course, School of Social Sciences, Humanities and Languages, BOU from July - December semester, 2015 to date.
- **Chairman, Examination Committee**, Chinese Language Course, School of Social Sciences, Humanities and Languages, BOU from July - December semester, 2015 to date.

### **Training / Short Course / Workshops**

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- Participation Workshop on “Faculty Development on Open Educational Resources (OER) based Blended Learning at Bangladesh Open University ” jointly organized by the CEMCA, India and Open School, BOU at BOU Campus, Gazipur-1705, Bangladesh (2023.12.17-2023.12.19).

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- Participation Workshop on “Scientific Article writing” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2023.03.16).
  - Participation Eight-day long Training Workshop on “Application of SPSS” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2022.10.17-2022.11.14).
  - Participation Workshop on “OBE Curriculum Concepts-Models & Development Strategy” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2022.06.08-2022.06.09).
  - Participation Training on “Teaching Learning Process and Assessment for Quality Education” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2022.06.01).
  - Participation Workshop on “Curriculum Development: Format, Content and Implementation” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2022.05.19).
  - Participation Workshop on “The Roles, Responsibilities & the Ethical Principles for the University Teacher” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2022.02.08-2022.02.09).
  - Participation Workshop on “Quality Assurance and Accreditation in Higher Education” organized by IQAC, Bangladesh Open University, Gazipur-1705, Bangladesh (2021.11.02).
  - Participation online training program on “Video Content Development’ under the joint collaboration of CEMCA and BOU (2020.08.26 - 2020.08.27).
  - Participation Workshop on “Vocational Lead Tutors’ Training on Academic Support for BOU Learners” at Bangladesh Open University, Gazipur-1705, Bangladesh (2020.01.21 - 2020.01.22).
  - Participation Training Workshop on “Commonwealth Higher Education Consortium for Youth Work (CHEC4YW)” at BRAC CDM, Rajendrapur, Gazipur, Bangladesh (2019.11.20 - 2019.11.22).
  - Participation training program on “4<sup>th</sup> International GCSTMR Congress” at North South University, Dhaka, Bangladesh (2019.01.20 - 2019.01.22).
  - Participation on “Experiencing Chinese Language and Culture” at Yunnan Open University, Kunming, China (2018.11.19- 2018.11.28).
  - Participation training program on “Hands on Training on G Suite” at Daffodil International University, Dhaka, Bangladesh (2018.09.30 - 2018.10.01).
  - Participation “13<sup>th</sup> International Knowledge Globalization Conference Workshop on E-Learning-Use of Moodle: Level-1 at International University of Business Agriculture and Technology, Dhaka, Bangladesh (2018.02.25).
  - Participation on “Examiner Management Information System (EMIS) and Examination Billing System” at Bangladesh Open University, Gazipur-1705, Bangladesh (2017.06.14).
  - Participation Workshop on “Digital Transformation of Open University Distance Learning Process” at Bangladesh Open University, Gazipur-1705, Bangladesh (2017.05.24).
  - Participation on “1<sup>st</sup> International GCSTMR Congress” at University of Dhaka, Dhaka, Bangladesh (2017.02.04 - 2017.02.05).
  - Participation Workshop on “Capacity Enhancement Programme on Open Educational Resources for BOU Academics” at Bangladesh Open University, Gazipur-1705, Bangladesh (2016.09.03 - 2016.09.05).
  - Participation Workshop on “Training of Trainers for Tutor Training” at Bangladesh Open University, Gazipur-1705, Bangladesh (2016.03.21 - 2016.03.24).

- Computer Training for BOU Teachers at Bangladesh Open University, Gazipur-1705, Bangladesh (2015.01.06 - 2015.04.06).
- Participation Workshop on “Academic and Research Writing for Journals and Conferences” at Bangladesh Open University, Gazipur-1705, Bangladesh (2014.04.28 - 2014.04.29).
- Training program on “Animal Breeding” at Lal Teer Research Center, Bashon, Gazipur, Bangladesh (2013.01.28 - 2013.02.05).
- Training program on “Genome Sequencing Technology” at Lal Teer Research Center, Bashon, Gazipur, Bangladesh (2013.01.28 - 2013.02.05).
- Internship program in “Beijing Dairy Cattle Center”, Beijing, China (2012.06.20 - 2012.06.28).
- Internship program in “Beijing DQY Agricultural Technology Co., Ltd.”, Beijing, China (2012.02.02 - 2012.02.09).
- Internship program in “Beijing Huadu Yukou Poultry Industry Co., Ltd.”, Beijing, China (2011.01.25 - 2011.02.21).
- Completed Computer Course on “Windows-98, Ms. Word-97, Ms. Exel-97” at Samycon Computer Education, Rampura, Dhaka, from 05.10.2001 to 8<sup>th</sup> January 2002.

### **Recognition & Merit Awards**

- Awarded Excellent Academic Research Scholarship, College of Animal Science and Technology, China Agricultural University, Beijing, China (2010-2011).
- Awarded Excellent Cultural Activities Scholarship for international students, China Agricultural University, Beijing, China (2011).
- Awarded 2nd prize in “The 6<sup>th</sup> China Cooking Competition” for international students, Beijing, China (2012).
- Awarded 2nd prize in “The 5<sup>th</sup> China Cooking Competition” for international students, Beijing, China (2011).
- Awarded 3rd prize in “Ceramic Experience & Competition” for international students, Beijing, China (2011).
- Awarded 3rd prize in “The 4<sup>th</sup> China Cooking Competition” for international students, Beijing, China (2010).
- Awarded 2nd prize in “The 3<sup>rd</sup> China Cooking Competition” for international students, Beijing, China (2009).
- Awarded “Perfect Attendance Certificate” in Beijing Language & Culture University, Beijing, China (2008-2009)
- Awarded the grade of Elementary (Up to Standard) in the Chinese Proficiency Test (HSK), Beijing, China (2009)
- Awarded “Leader of the year-2006” in Bengal Overseas Limited (Exclusive Distributor: Intervet International B.V. the Netherlands), Dhaka, Bangladesh (2006).

### **Memberships in Professional & learned bodies**

- Member of Bangladesh Animal Husbandry Association (BAHA), Bangladesh.
- Member of the World’s Poultry Science Association-Bangladesh Branch (WPSA-BB).
- Member of Krishibid Institution Bangladesh (KIB), Bangladesh.
- Member of Bangladesh Livestock Society (BLS), Bangladesh.