

CURRICULUM VITAE



PRESENT ADDRESS

Dr. Md. Rashedul Islam

Chairman and Associate Professor

Department of Surgery and Theriogenology
Faculty of Animal Science and Veterinary Medicine
Sher-e-Bangla Agricultural University
Dhaka-1207, Bangladesh
e-mail- rashed.suth@sau.edu.bd

Research gate: https://www.researchgate.net/profile/Md_Islam1143 (h-index-6)

Google Scholar: <https://scholar.google.com/citations?user=rEwCL-wAAAAJ&hl=en> (h-index-7)

Scopus ID: <https://www.scopus.com/freelookup/form/author.uri>

ORCID ID: <https://orcid.org/0000-0001-6671-0089>

I. Personal Information

Name	:	Dr. Md. Rashedul Islam
Father's Name	:	Md. Abdus Salam
Mother's Name	:	Jahanara Begum
Permanent Address	:	Vill:- Byaboh, P.O: Mollikbari (Post code:2240), Upazilla: Bhaluka, Dist.: Mymensingh
Present Address	:	125/7E, Korobi Building, Bangladesh Jute Research Institute (BJRI), Manik Mia Avenue, Dhaka-1207
Cell Phone	:	+8801710404147
Date of birth	:	
Home District	:	Mymensingh
Nationality	:	Bangladeshi (By birth), 6125221269250
Marital Status	:	Single
Religion	:	Islam
Blood Group	:	O ^{+ve})
Height	:	

II. Academic career (from highest degree)

Name of School/College/ University	Years Attended		Name of the Exams. With subjects offered	CGPA/Division/ Class & place obtained	Year of obtaining Cert. or degree
	From	To			
Hokkaido University	2018	2021	PhD	Awarded	2021/9
Bangladesh Agricultural University	2011	2012	MS in Theriogenology	3.840, First Class 1 st (on a scale of 4.00)	2012/12
Bangladesh Agricultural University	2005	2010	Doctor of Veterinary Medicine (DVM)	3.726, First Class 5 th (on a scale of 4.00)	2010/5
Bhaluka Degree College	2002	2004	Higher Secondary Certificate (HSC)	4.60, First Class (on a scale of 5.00)	2004/7
Bhaluka Pilot High School	1997	2002	Secondary School Certificate (SSC)	4.63, First Class (on a scale of 5.00)	2002/3

III. Employment Experience (Starting from the latest one)

Name of Institution	Location	Position	From – To
Sher-e-Bangla Agricultural University	Dhaka, Bangladesh	Associate Professor	2021/10-Till date
Sher-e-Bangla Agricultural University	Dhaka, Bangladesh	Assistant Professor	2016/10-2021/10
Sher-e-Bangla Agricultural University	Dhaka, Bangladesh	Lecturer	2014/10- 2016/10
Community Based Dairy Veterinary Foundation (CDVF)	Mymensingh, Bangladesh	Research Assistant	2011/1-2012/12

IV. List of published papers

- 1 Wasef A., Hossan MF, Sah VK, Das NC, **Islam MR**, Islam MN, Islam MR, Mohanta UK (2025). Successful per-vaginal management of dystocia due to fetal hydrocephalus in a Holstein Friesian crossbred cow: A case report. Res J. Vet. Pract. 13(2): 47-49.
- 2 Tuser M. M. I., **M. R. Islam**, M. A. Khatun, M. S. Hossain and S. M. Abdullah, 2025. Prevalence and risk factors associated with gastrointestinal parasites in cattle at Bhaluka

- upazila, Mymensingh. Res. Agric. Livest. Fish. 12(1): 25-33.
- 3 Wasef, A., Mohanta, U.K., Sah, V.K., Islam, M.R., Khadka, N., Budhathoki, N. and Islam, M.S., 2025. Incidence and associated risk factors of uterine prolapse in dairy cows in Manoharganj Upazila, Cumilla District, Bangladesh.
 - 4 Akter R, Soltana T, Nisa N, Rahman T, **Islam MR**, Hossain MM, Alam J. Retrospective case study of livestock diseases recorded at Fulbaria upazila veterinary hospital in Mymensingh district of Bangladesh. Bangladesh Journal of Animal Science. 2024 Dec 31;53(4):135-43.
 - 5 Al Wasef, **M.R.Islam**, 2024. Incidence and management of dystocia of dairy cows in Manoharganj upazila of Cumilla district, Bangladesh. Ovozoo 13 No. 3, December 2024.DOI: 10.20473/ovz.v13i3.2024.178-185.
 - 6 Al-Maruf, M., Islam, M., **Islam, M.R.**, Islam, S., Islam, M.S., Khan, M.R., Islam, M.K., Zabeed, M.A. and Islam, K.B.M.S., 2024. Prevalence and risk factors of campylobacter colonization in broiler farms at selected districts of Dhaka division, Bangladesh. Adv. Anim. Vet. Sci, 12(11), pp.2144-2153.
 - 7 A. I. Robin, H. Hossain, M. Taslima, M. S. Jahan and **M. R. Islam**. Status of indiscriminate uses of antibiotics in livestock at Narayanganj Sadar, Narayanganj. J. Sher-e-Bangla Agric. Univ., 2023, 14(1&2): 79-84.
 - 8 **MR, Islam**, Hossain H, Taslima M, Tuser MMI, Sabrin MS, Molla MR, Sajib MSI, and Zahan MN. 2024. "Adoption of Digital Technologies for the Management of Repeat Breeder Cows in the Dairy Herds of Bangladesh". Asian Journal of Research in Animal and Veterinary Sciences 7 (3):227-35.
 - 9 M Taslima, H Hossain and **MR Islam**. Prevalence of Clinical Diseases Reported at Central Veterinary Hospital (CVH), Dhaka. Asian Journal of Research in Animal and Veterinary Sciences. 2024 Feb 6;7(1):1-8.
 - 10 MM Hossain, M Islam, N Nazmunnaahar, **MR Islam** and ANMI Rahman. Prevalence and risk factors associated with clinical cases of pet animals in Dhaka city, Bangladesh. Journal of SAU, SAURES, 2022, Volume 1&2: 11-18
 - 11 H Hossain, **M R Islam**, M S I Sajib , M M Hossain, M Begum, K B M S Islam. Prevalence of zoonotic diseases of small ruminants at Savar upazila of Dhaka district. Bangladesh J. Agri. 2023, 48(1): 81-91
 - 12 YHA Elewa, **MR Islam**, SKA Mohamed. Chicken air sacs and mesentery: a histomorphometrical and immunological study. Slov Vet Res, 2023, 60: 217-224. DOI 10.26873/SVR-1582-2022. (IF: 0.749).
 - 13 **MR Islam**, MN Jahan, H Hossain, AA Maruf, MR Molla, MSI Sajib, MM Hossain. A Cross Sectional Study on Some Aspects of Reproduction Scenario and Prevalence of Reproductive Disorders in Dairy Cattle in Bangladesh. Asian Journal of Research in Animal and Veterinary Sciences, 2022; 10(1), 7-15.
 - 14 N Nazmunnaahar, MM Hossain, **MR Islam**. Epidemiological investigation of gastrointestinal parasites of livestock population at Mirzapur Upazila in Tangail Bangladesh. J. Sher-e-Bangla Agric. Univ 2022, 12 (1 &2): 15-25.

- 15 MM Hossain, MS Islam, ANMI Rahman, ME Kabir, **MR Islam**. Anti-diabetogenic impact of *Allium sativum* (Garlic) and *Nigella sativa* (Black cumin) on diabetic rat model. *J. Sher-e-Bangla Agric. Univ* 2022, 12 (1 &2): 09-13.
- 16 MSI Sajib, **MR Islam**, M Afrin, MM Hossain, KR Islam, MK Islam. Effect of direct sunlight on plasma vitamin-D and histo-pathological changes in liver, kidney and skin of Mice. *Asian J Res Anim Vet Sci*, 2022, 9(2): 1-9.
- 17 **MR Islam**, O Ichii, T Nakamura, T Irie, A Shinohara, MA Masum, Y Otani, T Namba, T Chuluunbaatar, YHA Elewa, Y Kon. Comparison of ovarian morphology and follicular disturbances between two inbred strains of cotton rats (*Sigmodon hispidus*). *Animals (Animal Reproduction)*, 11(6):1768, June, 2021 (**IF: 2.752**).
- 18 **MR Islam**, O Ichii, T Nakamura, T Irie, MA Masum, Y Otani, T Namba, T Chuluunbaatar, YHA Elewa, Y Kon. Developmental changes of the ovary in neonatal cotton rat (*Sigmodon hispidus*). *Front Physiol (Reproduction)*, 11: 601927, January 2021 (**IF: 4.566**).
- 19 **MR Islam**, O Ichii, T Nakamura, T Irie, MA Masum, M Hosotani, Y Otani, YHA Elewa, Y Kon. Unique morphological characteristics in the ovary of cotton rat (*Sigmodon hispidus*). *J Reprod Dev*, 66(6): 529-538, December 2020 (**IF: 2.214**).
- 20 **MR Islam**, NS Juyena, MMU Bhuiyan, MM Rahman and RN Ferdousy. Treatment outcomes in postpartum anoestrus cows guided by transrectal ultrasonography. *Progress Agric*, 24 (1 & 2): 93-100, December 2013.
- 21 YHA Elewa, MA Masum, O Ichii, SKA Mohamed, MR Islam, T Nakamura, Y Kon. Ameliorative effect of dexamethasone on the development of autoimmune lung injury and mediastinal fat-associated lymphoid clusters in autoimmune disease mouse model. *Int J Mol Sci*, 23: 4449, April 2022 (**IF: 5.923**).
- 22 T Chuluunbaatar, O Ichii, MA Masum, T Namba, **MR Islam**, Y Otani, YHA Elewa, Y Kon. Genital organ-associated lymphoid tissues arranged in a ring in the mucosa of cow vaginal vestibules. *Res Vet Sci*, 145: 147-158, February 2022 (**IF: 2.534**).
- 23 MSI Sajib, **MR Islam**, M Afrin, MM Hossain, KR Islam, MK Islam. Effect of direct sunlight on plasma vitamin-D and histopathological changes in liver, kidney and skin of mice. *Asian J Res Anim Vet Sci*, 9(2): 1-9, February 2022.
- 24 ME Kabir, MS Islam, F Dadok, **MR Islam**, ANMI Rahman, Z Naim. Influence of season on the ovarian biometry, oocyte yield and quality in buffaloes. *Asian J Res Anim Vet Sci*, 8(4): 152-158, November 2021.
- 25 M Hosotani, O Ichii, T Nakamura, T Namba, **MR Islam**, YHA Elewa, T Watanabe, H Ueda, Y Kon. Anatomy and histology of the foramen of ovarian bursa opening to the peritoneal cavity and its changes in autoimmune disease-prone mice. *J Anat*, 238(1): 73-85, January 2021 (**IF: 2.638**).
- 26 T Chuluunbaatar, O Ichii, T Nakamura, T Irie, T Namba, **MR Islam**, Y Otani, MA Masum, Y Okamatsu-Ogura, YHA Elewa, Y Kon. Unique running pattern and mucosal morphology found in the colon of cotton rats. *Front Physiol (Gastrointestinal Science)*, 11: 587214, October 2020 (**IF: 4.566**).
- 27 O Ichii, T Nakamura, T Irie, Y Otani, M Hosotani, MA Masum, **MR Islam**, T Horino, Y Sunden, YHA Elewa, Y Kon. Age-related glomerular lesions with albuminuria in male cotton rats. *Histochem Cell Biol*, 153(1): 27-36, January 2020 (**IF: 4.304**).
- 28 S Malakar, NS Juyena, S Paul, MM Hasan, J Bhattacharjee, HR Mollah, **MR Islam**. Monitoring

- vaginal electrical impedance in crossbred cows during post-partum period. *Asian J Med Biol Res*, 3(2): 221-225, August 2017.
- 29 MP Kabir, **MR Islam**, AA Maruf, M Shamsuddin, FYBari, NS Juyena, MS Rahman. Optimization of estrus synchronization protocol for target breeding to decrease voluntary waiting period in lactating cows. *Reprod Dev Biol*, 41(2): 25-31, May 2017.
 - 30 A Sultan, **MR Islam**, RK Yadav, R Akhter, JU Ahmed. Prevalence of different reproductive disorders of small ruminants in five upazillas of Mymensingh district. *Asian J Med Biol Res*, 1 (1): 74-79, June 2015.
 - 31 U Roy, **MR Islam**, MZ Hossain, AA Maruf, MM Hossain, R Akhter, Z Rahman, MGS Alam. Efficiency of artificial insemination (AI) in hubbard classic broiler parent stock. *Int J Bus Soc Sci Res*, 3(1): 30-34, January 2015.
 - 32 KU Ahmed, **MR Islam**, MKU Talukder, Z Rahman, MM Hossain, MMU Bhuiyan. Influence of breed, age, and collection interval on semen quality of artificial insemination (AI) Dairy Bulls in Bangladesh. *Bangladesh Res Pub J*, 10(3): 275-282, January 2014.
 - 33 KF Pariza, J Alam, **MR Islam**, MM Hossain, MA Awal. Investigation of hematological and biochemical profiles of anestrous zebu cows. *Bangladesh J Vet Med*, 11 (1): 57-60, December 2013.
 - 34 MR Karim, MZ Hossain, **MR Islam**, MS Parvin, MA Matin. Reproductivity, productivity and management system of indigenous buffalo (*Bubalus bubalis*) cows in coastal areas of Pirojpur and Borguna district of Bangladesh. *Progress Agric*, 24 (1 & 2): 117-122, January 2013.
 - 35 AA Maruf, **MR Islam**, MM Rahman, MMU Bhuiyan, M Shamsuddin. Prevalence of reproductive disorders of dairy cows in the Chittagong district of Bangladesh. *Bangladesh Vet J*, 46 (1-4):11-18, December 2012.
 - 36 MM Islam, **MR Islam**, MM Rahman, MMU. Bhuiyan, M Shamsuddin. Prevalence and rational treatment of clinical mastitis in crossbred dairy cows in Bangladesh. *Bangladesh Vet J*, 46 (1-4): 1-10, December 2012.

V. Seminar/ Conference/Symposium

- 1 **MR Islam**. Correlation between ovarian morphology and function- unique oocytes found in cotton rats- The 36th scientific meeting of Hokkaido Veterinary Anatomy, 26th-27th August 2018, Yubari, Hokkaido, Japan (**Oral**).
- 2 **MR Islam**. Correlation between ovarian morphology and function- unique oocytes found in cotton rats- The 6th Sapporo summer symposium for one health (SaSSOH), 20th- 21st September 2018, Hokkaido University, Japan (**Poster**).
- 3 **MR Islam**. Morphological characteristics of the ovary in cotton rat (*Sigmodon hispidus*). Leading year end research presentation (AY 2019), 8th March 2019, Graduate School of Veterinary Medicine, Hokkaido University, Sapporo, Japan (**Poster**).
- 4 **MR Islam**. Ovarian morphology of neonatal cotton rats (*Sigmodon Hispidus*). The 37th scientific meeting of Hokkaido Veterinary Anatomy, 29th-30th August 2019, Shimukappo, Hokkaido, Japan (**Oral**).

- 5 **MR Islam.** Unique morphological characteristics of the ovary in adult cotton rat (*Sigmodon hispidus*). The 162nd conference of the Japanese Society of Veterinary Science (JSVS), 9th-12th September 2019, Tsukuba, Japan (**Oral**).
- 6 **MR Islam.** Unique morphological characteristics in the ovary of cotton rat (*Sigmodon hispidus*). The 7th Sapporo summer symposium for one health (SaSSOH), 19th- 20th September 2019, Hokkaido University, Sapporo, Japan (**Oral**).
- 7 **MR Islam.** Unique morphological characteristics in the ovary of cotton rat (*Sigmodon hispidus*). The 7th Congress of Asian Association of Veterinary Anatomists, 25-28th September 2019, Jeju Island, South Korea (**Oral**).
- 8 **MR Islam.** Developmental changes of the ovary in neonatal cotton rat (*Sigmodon hispidus*). The 163rd conference of the Japanese Society of Veterinary Science (JSVS), 14th- 30th September 2020, Yamaguchi, Japan (**Oral**).
- 9 **MR Islam.** Developmental changes of the ovary in neonatal cotton rat (*Sigmodon hispidus*). The 8th Sapporo summer symposium for one health (SaSSOH), 16th- 17th September 2020, Hokkaido University, Sapporo, Japan (**Oral**).
- 10 **MR Islam.** Comparison of ovarian morphology and follicular disturbances between two inbred strains of cotton rats (*Sigmodon hispidus*). The 1st Academia for Japanese Veterinary Anatomist (AJVA), 6th March 2021, Hokkaido University, Japan (Oral).
- 11 **MR Islam.** Treatment outcomes in postpartum anoestrus cows guided by transrectal ultrasonography. Bangladesh Society of Veterinary Education and Research (BSVER) AsconXIX, BAU, 2013.

VI. Awards and Fellowships

1. **NST fellowship-2011**, Ministry of Science and Technology (MOST), Bangladesh, under the title of “Treatment outcomes in postpartum anoestrus cows guided by transrectal ultrasonography”.
2. **Monbukagakusho (MEXT)-2018**, Scholarship for higher education by Japanese government, the Ministry of Education, Culture, Sports, Science and Technology, Japan.
3. **SaSSOH best poster award.** Morphological characteristics of the ovary in adult cotton rat (*Sigmodon hispidus*). The 6th Sapporo summer symposium for one health (SaSSOH), 20th-21st September 2018, Sapporo, Japan.
4. **The 7th AVA best oral presentation award.** Morphological characteristics in the ovary of adult and neonate cotton rat (*Sigmodon hispidus*). The 7th Congress of Asian Association of Veterinary Anatomists, 25-28th September 2019, Jeju Island, South Korea.
5. **Excellent young presentation award.** Comparison of ovarian morphology and follicular disturbances between two inbred strains of cotton rat (*Sigmodon hispidus*). The 1st Veterinary Anatomy Academia, Japanese Association of Veterinary Anatomists (JAVA), 6th March 2021, Sapporo, Japan.

VII. Lists of Projects

Sl.	Title	Duration	Cost (Tk.)	Source of Funding
1.	A Comparative Approach on the Efficacy of Marigold (<i>Calendula officinalis</i>) and Turmeric (<i>Curcuma longa</i>) Paste in Wound Healing of Ruminants	1 year (2017-18) Completed	100000	Sher-e-Bangla Agricultural University Research System (SAURES)
2.	Herd monitoring to optimize the fertility of dairy cows by using closed-circuit camera and ultrasonography	1 year (2021-22) Completed	200000	Ministry of Science and Technology (MOST)
3.	Digital technology adoption in livestock production with a special focus on dairy farming: food safety and security as to fulfill the Govt. vision and sustainable development goals (SDGs)	2 years (2021-23) Completed	800000	Development Research on Mujib Centenary (Ministry of Education)
4.	Assessment of major reproductive disorders of dairy cattle in urban and peri urban areas of Dhaka in Bangladesh	1 year (2022-23) Completed	150000	Sher-e-Bangla Agricultural University Research System (SAURES)
5.	Economic aspects of applying reproductive technologies to dairy herds in Bangladesh	1 year (2022-23) Completed	200000	Ministry of Science and Technology (MOST)
6.	Assessment of heat stress and seasonal variation on reproduction in the dairy cattle: A comparative approach in urban and peri urban areas in Dhaka in Bangladesh	1 year (2022-23) Completed	300000	University Grant's Commission (UGC), Bangladesh
7.	Evaluation of ultrasonography parameters for early pregnancy detection in small ruminant	1 year (2023-24) Ongoing	175000	Sher-e-Bangla Agricultural University Research System (SAURES)
8.	Evaluation of ultrasonography parameters for dairy cows early pregnancy detection	1 year (2023-24) Ongoing	350000	Ministry of Science and Technology (MOST)

