

## Short Biography of Md. Golam Shahi Alam



Professor Md. Golam Shahi Alam gained first-class DVM and MSc degrees from Bangladesh Agricultural university (BAU) in 1974 and 1975, respectively. He Completed a Postgraduate Diploma in Animal Reproduction at the Swedish University of Agricultural Sciences and became a Fellow of the Royal Veterinary College, Sweden (FRVCS) in 1981. He earned his PhD from the University of Liverpool in 1985, developing a cortisol assay using radioimmunoassay for monitoring stress induced infertility in dairy cows. His research work was eminently productive and the novel discovery of endocrine dysfunction, including the absence of oestradiol positive feedback in the hypothalamo-pituitary axis in cystic ovarian cows was well recognized. He completed postdoctoral research on Intra-uterine defence mechanism at the University of London (1991-1992) and worked as visiting researcher at the National Institute of Animal Industry, Tsukuba; Nagoya and Iwate Universities in Japan (1988, 2002, 2011).

Since 1977, Professor Alam has been a faculty member in the Department of Surgery & Obstetrics at BAU, teaching and supervising MS & PhD students in animal reproduction, health and welfare. He introduced the “Theriogenology” for undergraduate and postgraduate veterinary students and has co-authored over 70 scientific papers. Support by BAS-USDA, he conducted research in semen preservation & artificial insemination in indigenous rams.

His research has led to the development of four key technologies aimed at reducing poverty and enhancing food security in Bangladesh:

(i) Veterinary Health Care Services delivery in island char areas; (ii) Cryopreservation of goat semen; (iii) Urea-Molasses-Mineral-Block supplementation for improved pregnancy rates and milk yield in cows; (iv) Early pregnancy detection through progesterone radioimmunoassay in milk & plasma.

Professor Alam has published 139 peer-reviewed papers, authored the Bengali book “Cattle Fertility and General Disease Control”, and contributed to “Handbook of Dairy Nutrition – Bangladesh”. His research into the causes of poor fertility in cattle was continued. He is Editor of “The Bangladesh Veterinarian” and served on the editorial advisory board of the “Journal of the Bangladesh Agricultural University Research System”.

Dr. Alam has held numerous leadership roles, including Head of the Department of Surgery & Obstetrics, Dean of the Faculty of Veterinary Science, Co-Ordinator, Committee for Advanced

Studies & Research, founding provost of Bangabandhu Sheikh Mujibur Rahman Hall, and 4<sup>th</sup> Vice-Chancellor of Sylhet Agricultural University (2014-2018). He has also served on the Syndicate of BAU, Jatiya Kabi Kazi Nazrul Islam University, and the Regent Board of Jashore University of Science & Technology.

Professor Alam has provided consultancy to BRAC and FAO, and served as International Consultant for Liberia's National Livestock Policy and Action Plan. He was a member of the Bangladesh Veterinary Council (2012-2014) and joined the Bangladesh Accreditation Council in 2019, currently serving his second four-year term from 2023.

His work has been recognized with numerous awards, including a Gold Medal from the Bangladesh Academy of Agriculture and the "Distinguished Leadership Award" from the American Biographical Society. Professor Alam has traveled extensively for academic and research purposes and remains active in advancing the quality of higher education in Bangladesh.

Born in Jashore in 1952, he is married to Satara Alam and has a daughter and a son.