

Curriculum Vitae

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Personal Details:

Name : Dr. Md. Alamgir Hossain
Present address : Professor, Department of Entomology, Hajee Mohammad Danesh Science and Technology University, Dinajpur 5200, Bangladesh.
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Nationality : Bangladeshi (by birth)
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Academic Records:

Ph.D. (Entomology): 2008-2012. (**Dissertation Title:** “Integrated management of pulse beetle, *Callosobruchus chinensis* L. in stored chickpea”. Bangladesh Agricultural University, Mymensingh, Bangladesh).

M.S. (Entomology): 1995-1996. Department of Entomology, Faculty of Agriculture, Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh. (Title of the M.S. thesis: Abundance of Coccinellid beetle on different host plants and biology with predation efficiency of *Propylea fallax* (Khuzorian) on mungbean aphid).

B. Sc. Ag. (Honours): 1986-1990. Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh, Bangladesh.

Professional History/ Service Details:

Professor: Department of Entomology, Hajee Mohammad Danesh Science and Technology University, Dinajpur from 09 January 2012 to till to date.

Associate Professor: Department of Entomology, Hajee Mohammad Danesh Science and Technology University, Dinajpur from 21 August, 2008 to 08 January 2012.

Assistant Professor: Department of Entomology, Hajee Mohammad Danesh Science and Technology University, Dinajpur from 24 May, 2004 to 20 August 2008.

Lecturer: Department of Entomology, Hajee Mohammad Danesh Science and Technology University, Dinajpur from 15th February, 1998 to 23rd May, 2004.

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Lecturer: Department of Entomology, Hajee Mohammad Danesh Science and Technology University, Dinajpur from 15th February, 1998 to 23rd May, 2004.

Research projects as PI/CoPI:

- Bio-efficacy of insect growth regulators against *Maruca vitrata* F. (Lepidoptera: Crambidae) on country bean for safe country bean production. 2023-24. UGC. Acted as PI.
- Insecticidal activity of essential oils in controlling fall armyworm, *Spodoptera frugiperda* (Noctuidae: Lepidoptera). 2022-23. Institute of Research and Training (IRT), HSTU. Acted as PI.
- Bio-potency of novel fomulated insecticides against pod borer on yard long bean. Institute of Research and Training (IRT), HSTU. 2021-22. Acted as PI.
- Survival and larval development of the invasive fall armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae) fed on different hosts of economic importance in Bangladesh. 2021-2022. Ministry of Science and Tecnology. Acted as CoPI.
- Assessing of population density of pollinators in vegetables and fruits crops and their contribution to crop yield and quality. 2020-21. Institute of Research and Training (IRT), HSTU. Acted as PI.
- Suitability of egg parasitoids, *Gryon nigricorne* to bean bug, *Riptortus pedestris* (Hemiptera: Alydidae) for the environmentally safe bean production, 2020. Ministry of Science and Tecnology. Acted as CoPI.
- Bio-rational management of major pests of litchi (*Litchi chinensis*). BANBEIS, 2019-22. Ministry of Education, Acted as CoPI.
- Environmentally safe bean production using egg parasitoids, *Ooencyrtus* sp. against bean bug, *Riptortus pedestris* (Hemiptera: Alydidae). 2019-20. Ministry of Science and Tecnology. Acted as PI.
- Bio-efficacy of several plants extracts against *Riptortus pedestris* Fab. (Hemiptera: Alydidae), Ministry of Science and Technology, 2018, Acted as CoPI.
- Bio-efficacy of different plant oils against red pumpkin beetle, *Aulacophora foveicollis* (Coleoptera: Chrysomelidae). 2017-18. Institute of Research and Training (IRT), HSTU. Acted as PI.
- Management of *Epilachna dodecastigma* (Coleoptera: Coccinellidae) on pumpkin using plant products. 2017-18. Institute of Research and Training (IRT), HSTU. Acted as PI.
- Role of extra feeding on pollination, bee population, honey and pollen production in sandbar pumpkin growing area near Brahmaputra River. 2017-18. UGC. Acted as PI.
- Suppression of pulse beetle, *Callosobruchus chinensis* L. infesting stored chickpea with some botanical extracts using different solvents. 2016-17. MOSICT. Acted as PI.
- Insecticidal potency of some botanicals powder against pulse beetle, *Callosobruchus chinensis* (f) in stored chickpea. 2016-17. Institute of Research and Training (IRT), HSTU. Acted as PI.

Other experiences

Abroad:

- Participated in an International Training Program on “Lost Harvest and Wasted Food” held in September 17 to 28, 2018 at Wageningen Centre for Development Innovation organized by Wageningen University and Research, funded by Dutch Ministry of Foreign Affairs, **The Netherlands**.
- Participated in an International Training Workshop on “Fruit and Vegetable Preservation and Cold Chain Technology” held in July 11 to 30, 2018 at YanzishanXiaoqu, Jinan, Shandong, organized by Jinan Fruit Research Institute, All China Federation of Supply & Marketing Co-operatives, funded by **Ministry of Science and Technology, Peoples Republic of China**.

Home:

- Participated as a trainee in ten-days training program on “Statistical Analysis Training Program (SATP)” for the faculty members of HSTU funded by World Bank and arranged by University Grants Commission (UGC) & Hajee Mohammad Danesh Science and Technology University (HSTU) under Higher Education Quality Enhancement Project (HEQEP), CP 3319 held on 8-17 April, 2016 at HSTU, Dinajpur.
- Participated as a trainee in training program on “Statistical Data Analysis and Dynamic Report Writing with R-Studio” for the faculty members of HSTU funded by World Bank and arranged by University Grants Commission (UGC) & Hajee

Mohammad Danesh Science and Technology University (HSTU) under Higher Education Quality Enhancement Project (HEQEP), CP 3305 held on 05 October, 2016 at HSTU, Dinajpur.

Participated as a trainee in three-days training program on “Pedagogy, Curricula Development and Self Assessment Concept” for the faculty members of HSTU funded by World Bank, and arranged by University Grants Commission (UGC) & Institutional Quality Assurance Cell of Hajee Mohammad Danesh Science and Technology University (HSTU) under Higher Education Quality Enhancement Project (HEQEP), 20-22 April, 2016 at HSTU, Dinajpur.

Participated in Post Graduate Certificate Course on Seed Technology at Bangladesh Agricultural University, Bangladesh, organized by Directorate of Agricultural Extension and DANIDA, Ministry of Agriculture, Bangladesh from January to March 2010.

Farmers/growers training: Participated as a trainer in trainings programs on vegetable and fruit pests management organized by Institute of Research and Training of Hajee Mohammad Danesh Science and Technology University (HSTU), 2013 and 2017 at HSTU, Dinajpur.

Research Interest: Pest management in conventional and organic agriculture, biological control etc.

Area of specialization: IPM, pest management in organic agriculture, biological control

Conference Paper: Occurrence and development of *Riptortus pedestris* on five mungbean varieties. The 62th Annual meeting of the Applied Entomological Society of Japan, March 25-27, 2018. Kagoshima, Japan.

Membership in Professional Societies:

- Vice President, Executive Committee, Bangladesh Entomological Society from 2022 to till to date.
- Editorial board members, from 2022 to till to date in the Journal of Advanced Zoology, India.
- Member, Executive Committee, Hajee Mohammad Danesh Science and Technology University Teachers' Association, 2005-2006
- Member, Executive Committee, Bangladesh Entomological Society, 2014-17
- Life Member, Bangladesh Entomological Society (BES), since 2002
- Life Member, Krishibid Institution of Bangladesh (KIB), since 2004

Country visited: India, Qatar, China, Netherlands, Germany, Belgium, and France.