CURRICULUM VITAE

Name DR. JAYDEB GHOSH

Date of Birth 01.02.1966

Designation Assistant Professor (Sr. Scale)

Official address/Department Agricultural Entomology

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19th April,2002 Working in UBKV since

Professional Training 1. National Training Course on IPM in cotton, Rice and Vegetable crops during 18th to 27th September, 2003; NCIPM, IARI, Pusa Campus, New

Delhi.

Training Course on Introduction on LAN/ WAN Technologies during 6th to 11th September, 2004; CRIJAF, Barracpore, Uttar 24 parganas.

National Training Course on IPM in wheat based cropping systems during February 5-25, 2008; DWR, Karnal, Haryana.

Training Programme on Data Analysis Using SAS of the NAIP

consortium" Strengthening Statistical computing for NARS" at UBKV during 19-24 Sept., 2011

Six months (01.03.90 to 31.08.90) Farm Training at BCKV, Mohanpur, Nadia.

National/International recognition/awards

Patents

Fellow of the Society Member of Scientific association

> 1.Life Member of, Journal of Biological Control 2. Life Member of Journal of Crop & Weed

Research Interests and area of specialization

Publications

Integrated Pest management ,Natural Farming and Economic Entomology

- 1. Jaydeb Ghosh, A.B.Mukherjee and P.K. Sarkar. 1995. Physical and chemical basis of resistance in bhendi genotypes against red spider mite. Ann. Entomol. 13 (1): 63-66
- 2. Jaydeb Ghosh, A.B.Mukherjee and P.K. Sarkar. 1996. Assessment of loss of bhendi against red spider mite. Environment & Ecology 14(2): 480-481
- 3. Javdeb Ghosh, S.K. Senapati and K. Baral, 1997. Studies on daily feeding requirement of bivoltine silkworm (Bombyx mori L.) for terai region. Ann. Entomol. 15(2): 33-39
- Jaydeb Ghosh and S.K. Senapati. 1998. Effect of population density on the rearing performance of mulberry silkworm (Bombyx mori L.) under terai region. . Ann. Entomol. 16(2): 7-12
- 5. K. Karmakar, Jaydeb Ghosh and S.K. Senapati. 1998. Relative abundance and biology of European red mite, Panonychus ulmi (Koch) (Acari: Tetranychidae) infesting mulberry cultivars. Environment & Ecology 16(1): 101-104
- N. Ray, J. Ghosh and S.K.Senapati. 1998. Combined effect of fertilizer levels and sucrose on rearing performance of bivoltine silkworm (Bombyx mori L.) at terai region of West Bengal. Environment & Ecology 16(1): 108-112
- 7. J.Ghosh, S.K. Senapati and K. Baral. 1998. Studies on frequency of



- feeding cum rationing and its bearing upon yield and quality of cocoon. Abstract of papers, 5th West Bengal State Science Congress, March 21-23, University of North Bengal. Pp.11
- 8. Jaydeb Ghosh, S.K. Ghosh, H. Chatterjee and S.K. Senapati. 1999. Pest constraints of okra under terai region of West Bengal. Indian J. Ent. 61(4): 362-371
- 9. Jaydeb Ghosh, S.K. Senapati and K. Baral. 1999. Standardization of leaf age through manipulation of pruning for better rearing performance of silkworm and maximum annual cocoon crops. Indian J. Appl. Ent. 13: 1-17
- 10. S.K Senapati, S.K., J.Ghosh, S. Ghosh and N. Choudhuri. 1999. Formulation of IPM programme for principal vegetable crops in terai region. Proceedings of the Workshop-cum- Training on "Pesticide Hazards- Search for Environment Friendly Alternatives" pp.36-43
- A. Pramanik and J. Ghosh. 1999. Utilization of indigenous natural enemies to crop pests and their conservation measures. Proceedings of the Workshop-cum- Training on "Pesticide Hazards- Search for Environment Friendly Alternatives" pp.32-35
- 12. Jaydeb Ghosh, S.K. Senapati and K. Baral. 1999. Screening and selection of adaptable and stable bivoltine breeds and hybrids and identification of rearing seasons of silkworms for terai ecological conditions. Ann. Entomol. 17(1): 1-12
- 13. Jaydeb Ghosh, S.K. Senapati and K. Baral. 2000. Performance of silkworm breeds with reference to disease occurrence during different seasons under terai ecological conditions of West Bengal. Indian J. Agric. Sc. 70(4): 234-238
- 14. Jaydeb Ghosh, H. Chatterjee and S.K. Senapati. 2000. Incidence of thrips and pattern of population distribution on mulberry leaf. J. Ent. Res. 24(1): 49-53
- 15. H. Chatterjee, Jaydeb Ghosh and S.K. Senapati. 2000. Influence of important weather parameters on population fluctuation on major insect pest of mandarin orange (Citrus reticulate Blanco) at Darjeeling district of West Bengal. J. Ent. Res. 24(3): 229-233
- Jaydeb Ghosh, S.K. Senapati and K. Baral. 2000. Performance of mulberry varieties on bivoltine silkworm (Bombyx mori L.) with reference to terai ecological conditions of West Bengal. Indian J. Agric. Res. 34(3): 141-146
- 17. J. Ghosh, N. Choudhuri and S.K.Senapati. 2001. Bioecology of potato tuber moth (Pthorimaea operculella) in terai region of West Bengal. Environment & Ecology 19(2): 269-274
- 18. S. K. Ghosh, N. Choudhuri, J. Ghosh, H. Chatterjee and S.K. Senapati. 2001. Field evaluation of pesticides against the pest complex of cabbage under terai region of West Bengal. Pestology xxv (2): 40-43
- 19. H. Chatterjee and J. Ghosh. 2001. Life table study of citrus trank borer Anoplophlora versteegi (Ritsema) (Cerambycidae: Coleoptera) and evaluation of some insecticidal formulation against it in the Himalayan region of West Bengal. J. Interacad. 5(2): 206-211
- 20. N. Choudhuri, S. Ghosh, J. Ghosh and S.K. Senapati. 2001. Incidence of insect pests of cabbage in relation to prevailing climatic condition of terai region. Indian J. Ent. 63: 421-428
- 21. N. Choudhuri, J. Ghosh and S.K. Senapati. 2002. Assessment of loss in yield of cabbage due to pest complex in terai region of West Bengal. Environment & Ecology 20(3): 544-547
- 22. T.K. Ghoshal, J. Ghosh, S.K. Senapati and D.C. Deb. 2006. Biology, seasonal incidence and impact of some insecticides on painted bug, Bagrada hilaris (Burm.). J. Appl. Zool. Res. 17(1): 9-12
- 23. D. Dahal, P.S.Medda and J.Ghosh. 2009. Seasonal incidence and control of whitefly (Dialeurodes pallida Singh) infestation in betelvine (Piper betle L.). Journal of Crop and Weed 5(1):227-231
- 24. D. Dahal, P.S.Medda and J.Ghosh. 2009. Seasonal incidence and

- control of blackfly (Aleurocanthus rugusa Singh) infestation in betelvine (Piper betle L.). Journal of Crop and Weed 5(1):261-266
- 25. A. Rai, N. Chaudhury and J. Ghosh. 2011. Effect of feeding of different rice varieties on biology of Angoumois Grain Moth (Sitotroga cerelella Oliver) in terai region of West Bengal, India. Int. J. of Bio-resource and stress Management, 2(4): 397-402
- 26. K. Chakraborty, T.K.Ghosal and Jaydeb Ghosh. 2011. Impact of selected pesticides on the incidence of yellow stem borer of paddy cultivar Swarna Mashuri (MTU-7029) at Uttar Dinajpur, India. Uttar Pradesh J. Zool. 31(3): 331-337.
- 27. T.K.Ghosal, J. Ghosh and S.K.Senapati. 2012. Biology and parasitization of Dinarmus vagabundus (Hymenoptera: Pteromalidae). Uttar Pradesh J. Zool. 32(1): 43-46
- 28. A. Rai, N. Chaudhury and J. Ghosh. 2012. Relative susceptibility of the grains of different paddy varieties against Angoumois grain moth (Sitotroga cerealella Oliv.) in terai region of West Bengal, India. Res. J. of Agricultural Sciences. 3(1): 027-031.
- 29. J.Ghosh, A.Ghosh, N. Chowdhuru and K. Chakraborty.2012. Comparative study of insect-pest constraints and yield attributes of local and aromatic cultivars of rice in no0rthern parts of West Bengal, India. Res. On Crops 14 (3): 679-683

Books or Chapter in Books

1 No; "Season specific rearing technique of bivoltine silkworm (Bombyx mori L.)". In: Integrated Pest Management and Biocontrol, edited by S.C.Dwivedi & Nalini Dwivedi. Pointer Publishers, Jaipur, India pp.148-176

Variety Release etc.

Courses teaching

ENT-151: Plant parasitic Nematodes & their Management,

ENT-201: Fundamentals of Entomology

ENT-251:Insect Ecology and Integrated Pest management including beneficial insects

ENT-403: Non-Insect Pests

ENT-401:Integrated Pest management (Pest Scouting)

ENT-502:Insect Anatomy, Physiology and Nutrition

ENT-510:Pests of Field, Horticultural and Plantation Crops & Storage Entomology

Research Projects/ supports

- 1) PI, RKVY project on "Development & Validation of IPM.....W.B.
- 2) Co-Investigator, RKVY project on "Site Specific Nutrient Management.WB.
- Co-Investigator, RKVY project on" Special crop dynamics & yield gap...North Bengal
- 4) Co-PI, CSRI project on "Detoxification of pesticides.... On different crops"
- 5) PI, Willowood project on "Evaluation of some new generation pesticides.... Different crops"
- 6) PI, Willowood project on "Evaluation of some new generation pesticideson cotton"
- 7) CoPI of RKVY project on "Up-Gradation of market linkage networkaromatic rice"
- 8) Co-Investigator of Willowood project on "Study on bio-efficacy, phyto-toxicity.... Chemicals in different crops"
- 9) Member of RKVY project on "Disease and Pestilence Warning System in the state of WB"
- 10) PI, Willowood project on "Effect of some new generation insecticideson Paddy"

Seminar/ symposium/Workshop attended

- 1. National Symposium on "Agriculture in the paradigm of Intergenerational Equity" on 22-23 May,2009 at BCKV, West Bengal.
- 2. Regional Workshop on Bioinformatics on 24th March,2010 at A.B.N.Seal Colleage, Coochbehar.

- 3. National Seminar on "Trends in Biodiversity and Bioresource Management" on 15-16 th November, 2010 at A.B.N.Seal Colleage, Coochbehar.
- 4. International Seminar on "Bioresources and Human Sustance" on 20-22nd October at Cotton Colleage, Assam.
- 5. National Seminar on "Recent Research Thrust in Biodiversity Conservation-North-East India" on 30-31st January, 2012 at Birjhora Mahavidyalaya, Bongaigaon, Assam.
- 6. National Seminar on "Anthropogenic Toxicants, Green Chemistry, Biodiversity and Sustainable Development: An Interdiciplinary Approach" on 13-14th March,2012 at P.D.Women's Colleage, Jalpaiguri.
- 7. National Symposium on "Biotic and Abiotic Stresses in Plants under Changing Climate Scenario" on 29-30th November at UBKV
- 8. National Seminar on "Recent Advances in Life Science Application" on 8-9th December, 2012 at A.B.N.Seal Colleage, Coochbehar.
- 9. International Conference on "Bio-resource and Stress Management" on 6-9th February,2013 at Kolkata.
- 10. International Conference on "Harnessing Natural Resources for Sustainable Development: Global Trends" on 29-31st January,2014 at Cotton Colleage, Assam.
- 11. International Conference on "Bio-resource and Stress management" on 7-10th January,2015 at Hyderabad.

Laboratory strength, you work in Number of scholars, you are supervising (MSc & PhD) Additional duty in administration Standard Laboratory with sufficient staffs is associated with laboratory works.

M.Sc-2 and Ph.D.-1

- 1. Member of Admission Committee,
- 2.Member of Tender and Purchase Committee
- 3.Member of Faculty Council