

## CURRICULUM VITAE



**Name** : DR. SHYAMAL KR. SAHOO  
**Date of Birth** : 26.09.1978  
**Designation** : Associate Professor  
**Official Address/ Department** : Department of Entomology, Uttar Banga Krishi  
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**Working in UBKV since** : 13.06.2017

### **Pervious Professional Experiences :**

- i) Served as SMS (Plant Protection) in the Malda KVK, UBKV, Ratua, Malada (15.01.2005 to 22.10.2008).
- ii) Served as Assistant Entomologist, W.B.A.S. (Research) in the Pulses and Oilseeds Research Station, Berhampore, Murshidabad (23.10.2008 to 12.06.2017)

### **Professional Training :**

1. Winter school on “Recent advances in the production and delivery system of bio-control agent, bio-pesticides and bio-fertilizer in agriculture” held at Dr.PDKV, Akola, Maharashtra from 5 - 25<sup>th</sup> January, 2010.
2. Training on “Production technologies of bio-control agents and their application in Agriculture” held at Project Directorate of Biological Control, Bangalore from 22 - 31<sup>st</sup> March, 2005.

3. "Orientation Training on Agro-ecosystem Analysis" held at Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar on 18 - 21<sup>st</sup> February, 2006.
4. Training programme on Plant Protection organized jointly by Directorate of Agriculture, Govt. of W.B.; B.C.K.V, Mohanpur, Nadia and Crop Life India at Farmers Training Hall, BCKV, Kalyani, Nadia from 3 - 4<sup>th</sup> January, 2014.

**National/ International**

**recognition/ awards** : National Eligibility Test (NET) qualified during June, 2005 conducted by ASRB (ICAR) recognized by UGC/CSIR.

**Patents** : None

**Fellow of the Society** : Fellow of the Entomological Society of India (F.E.S.I.), New Delhi.

**Research interests and**

**area of specialization** : Taxonomical and Bio-ecological studies of Homopteran insect-pests particularly aphids of *Brassica* and their management. Biosystematics, bio-ecology and management of insect-pests in fruit crops.

**Research Publications** :

1. **Sahoo, S.K.**, Saha, A. and Jha, S. (2016). Influence of weather parameters on the population dynamics of insect-pests of mango in West Bengal. *Journal of Agrometeorology*, **18**(1): 71-75. NAAS rating **6.36** (ISSN: 0972-1665)
2. **Sahoo, S.K.** (2016). Effect of climatic variability on the insect pests of linseed and their natural enemies in West Bengal. *International Journal of Bio-resource and Stress Management*, **7**(2): 247-251 NAAS rating **4.65** (ISSN: 0976-3988)
3. **Sahoo, S.K.** (2016). Estimation of yield losses in *Brassica* due to insect-pests. *Indian Journal of Entomology*, **78** (4): 317-321. NAAS rating **5.89** (ISSN: 0367-8288)
4. **Sahoo, S.K.** (2013). Population dynamics of mustard aphid, *Lipaphis erysimi* Kaltenbach (Hemiptera; Aphididae) on *Brassica* germplasm. *Indian Journal of Entomology*, **75**(1): 9-14. NAAS rating **5.89** (ISSN: 0367-8288)
5. **Sahoo, S.K.** (2016). Chemical control of red banded mango fruit borer, *Autocharis albizonalis* Hampson (Pyrilidae; Lepidoptera). *Indian Journal of Entomology*. **78**(1): 10-14. NAAS rating **5.89** (ISSN: 0367-8288)
6. Biswas, B., Sarkar, S., **Sahoo, S.K.**, Das, R., Das, S.K. and Singh, D. (2016). Yield gap and economic utility evaluation of improved technologies in rapeseed-mustard cultivation: An analysis of FLD in West Bengal. *Ecology, Environment and Conservation*. **22**(3): 265-270. NAAS rating **4.89** (ISSN: 0971-765X)
7. **Sahoo, S.K.** and Pal, P.K. (2003). Effect of Alternate use of Pesticides on Shoot and Fruit borer of Okra. *Environment & Ecology*, **21** (4): 960-963. NAAS rating **4.18** (ISSN: 0970-0420 )

8. Hati, S.R., **Sahoo, S.K.**, Jha, S. and Saha, A. (2005). Population dynamics of mango hopper as influenced by abiotic factors in New Alluvial Zone of West Bengal., *Environment & Ecology*, **23S** (spl.2): 314-318. NAAS rating **4.18** (ISSN: 0970-0420)
9. **Sahoo, S.K.**, Biswas B. and Singh Y.P. (2015). Field evaluation of rapeseed-mustard cultivars for resistance against mustard aphid. *Journal of Insect Science*, **28**(2): 192-198. NAAS Rating **4.72** (ISSN: 0970-3837)
10. **Sahoo, S.K.** and Jha, S. (2008). Screening of mango varieties against leaf cutting weevil in the nursery. *Crop Research*, **35**(3): 226-232. NAAS rating **4.60** (ISSN: 0970-4884)
11. **Sahoo, S.K.**, and Jha, S. (2006). Behaviour and development of Mango leaf cutting weevil, *Deporaus marginatus* (Pascoe) (Attelabidae; Coleoptera). *Journal of Plant Protection and Environment*, **3**(1): 68-75. NAAS rating **2.88** (ISSN: 0973-1717)
12. Banerji, R., **Sahoo, Shyamal Kr.**, S.K. Das, S.K. and Jha, S (2005). Studies on Incidence of Melon fly, *Bactrocera cucurbitae* Coq. in relation to weather parameters on bitter gourd in the New Alluvial Zone of W.B. *Journal of Entomological Research* ,**29**(3): 1-4. NAAS rating **5.05** (ISSN: 0378-9519)
13. **Sahoo, S.K.** and Jha, S. (2009). Mango fruit borer, *Autocharis albizonalis* Hampson (Pyrilidae; Lepidoptera) - a recent threat to mango growers in West Bengal, India. *Acta Horticulturae* 820 ISHS 2009: 600-608.
14. Das, S.K., **Sahoo, S.K.**, Jha, S. and Saha, A. (2006). Population fluctuation of Aphid, *Aphis gossypii* Glover in relation to weather parameters in cucumber. *Journal of Aphidology*, **20**(2): 33-36. (ISSN: 0970-3810)
15. Samui, G., Bhaumik, N., Pathak, H., Jha, S., Hasan, M.A., Majumder, D. and **Sahoo, S.K.** (2006). Gallicolous insects, an upcoming threat of mango cultivation in West Bengal. *The Horticultural Journal*. **19**(3): 165-167.
16. **Sahoo, Shyamal Kr.** and Karmakar, K. (2004). Screening of pumpkin cultivars against leaf miner (*Liriomyza trifolii* Burgess) (Agromyzidae; Diptera) and white fly (*Bemisia tabaci* Genn.) (Aleyrodidae; Hemiptera). *Journal of Interacademia.*, **8** (4): 575- 581.NAAS rating **3.96** (ISSN: 0971-9016)
17. Banerjii, R., **Sahoo, S.K.** and Jha, S. (2005). Evaluation of different insecticides against melon fly, *Bactrocera cucurbitae* Coq. (Diptera; Tephritidae) infesting bitter gourd. *Indian journal of Agricultural Chemistry*, **.XXXVIII** (1,2):67-71. NAAS rating **2.50** (ISSN: 0367-8229)
18. Hati, S.R., Samui, G., Jha, S. and **Sahoo, S.K.**(2006). Susceptibility of various mango cultivars to mango hopper in New Alluvial Zone of West Bengal. *Uttar Pradesh Journal of Zoology*, **26**(2): 169-173. NAAS rating **3.81** (ISSN: 0256-971X)
19. **Sahoo, S.K.** and Jha, S. (2007). Flower visitors of yellow sarson during winter season in the New Alluvial Zone of W.B. *Insect Environment*. **13**(3): 161-162. NAAS rating **2.56** (ISSN: 0975-1963)
20. Banerji, R., **Sahoo, S.K.**, Jha,S. and Banerjee, H. (2007). Dissipation and Persistence of Triazophos in Bitter gourd. *Journal of Horticultural Sciences*, **3** (1): 82-83. NAAS rating **3.43** (ISSN: 0973-354X)
21. **Sahoo, S.K.** (2012). Incidence and management of mustard aphid (*Lipaphis erysimi* Kaltentbach) in West Bengal. *The Journal of Plant Protection Sciences*, **4**(1): 20-26. (ISSN:2249-7897)

22. **Sahoo, S.K.** (2016). Evaluation of Linseed genotypes for resistance to Bud fly, *Dasyneura lini* Barnes (Diptera; Cecidomyiidae). *Journal of Agroecology and Natural Resource Management*, **3**(3): 275-279. (p-ISSN:2394-0786, e-ISSN:2394-0794)
23. **Sahoo, S.K.** (2016). Biology and population dynamics of parthenium beetle in West Bengal. *Indian Journal of Entomology*. NAAS rating **5.89** (ISSN: 0367-8288) (Accepted)
24. Sharma, S.S., Paul, B., Saha, P., **Sahoo, S.K.**, Mondal, K., Hath, T.K. and Mondal, H.A. (2017). Evaluation the potentiality of some parameters to probe the elevated levels of resistance in Brassica sp. at the early period of aphid infestation in open field condition. *Zoology Journal* (Accepted)

**Books or chapter in books** :

1. Raj,S.K., Maiti,B.B. and **Sahoo,S.K.** (2005). Dhan chase rog poker samassa o pratikar. Paschim Bangler Krishi Prajukti (2<sup>nd</sup> Part), Fasaler Rog Poka. Publisher: Dept. of Plant Pathology, B.C.K.V, Mohanpur, Nadia: 5-26.
2. Raj,S.K., Maiti,B.B. and **Sahoo,S.K.** (2005). Paschim Bangler pat chase rog poker samassa o pratikar. Paschim Bangler Krishi Prajukti (2<sup>nd</sup> Part), Fasaler Rog Poka. Publisher: Dept. of Plant Pathology, B.C.K.V, Mohanpur, Nadia: 85-96.

**Variety release etc.** : Co-worker of two varieties of yellow sarson (Sanchita and Anushka) has been accepted for release by the State Variety Release Committee, West Bangal and submitted the proposal for notification in the Department of Agriculture and Cooperation, Govt. of India, New Delhi.

**Courses teaching** :

- ENT-301 (Crop pests and stored grain pests and their management)
- ENT-302 (Apiculture)
- ENT-401 (Integrated pest management [Pest scouting])
- ENT-405 (Biocontrol and biopesticides- Mass production and uses)
- ENT-501 (Insect morphology)
- ENT-502 (Insect anatomy, physiology and nutrition)
- ENT- 503(Principle of Taxonomy and classification of insects)
- ENT-510 (Pests of field, horticultural and plantation crops and storage entomology)
- ENT-512 (Commercial entomology)

**Research projects/ supports** :

1. Conducted 45 nos. of research trials under All India Coordinated Research Project (AICRP) of I.C.A.R. Rapeseed-Mustard and Linseed in the P.O.R.S., Berhampore, Murshidabad, Govt of West Bengal.
2. Co-operating scientist in the RKVY sponsored project entitled “Eco-friendly management of pulse beetle attacking major pulses in the storage and thereby increasing pulse production in West Bengal”

**Seminar/ Symposium/ Workshop Attended :**

**International level:**

1. International Conference on “**Environment and Development**”, held at Science City, Kolkata on 4-8<sup>th</sup> Feb., 2004.
2. International Symposium on Food Security Dilemma: Plant health and climate change issue held at B.C.K.V., Kalyani, W.B. on December 7-9, 2012.
3. International Seminar on “Integrating Agriculture and Allied Research : Prioritizing Future Potential for Secure Livelihoods” held at CHRD, BCKV, Kalyani, Nadia from 6 – 9<sup>th</sup> November, 2014.
4. International Conference on “Agriculture, Food Science, Natural Resource Management and Environmental Dynamics: The Technology, People and Sustainable Development held at FACC, BCKV, Kalyani, Nadia on August 13-14, 2016.

**Nation level:**

1. National Symposium on “**Frontier Areas of Entomological Research**”, held at Division of Entomology, IARI, New Delhi on 5-7<sup>th</sup> Nov., 2003.
2. National Symposium on “**Biodiversity Management**”, held at BHU , Varanasi on 28-30<sup>th</sup> June, 2003.
3. National Symposium on “**Zoology- A Neorealistic Approach**”, held at Deptt. Of Zoology, University of Calcutta, Kolkata on 26-27<sup>th</sup> March, 2004.
4. National Symposium on “**Aphid in Agriculture and Forestry**”, held at Deptt. of Zoology, University of Kalyani, Kalyani, W.B. on 24-25<sup>th</sup> Nov., 2004.
5. XXXVII<sup>th</sup> Annual Convention and Symposium on “**Pesticides chemistry-Agriculture Interface: New Frontiers**”, held at Deptt. of Agril. Chemicals, B.C.K.V., Mohanpur, Nadia, on 27-28<sup>th</sup> Nov., 2004.
6. Zonal Chapter (EZ) meeting cum symposium held at B.C.K.V., Kalyani, Nadia, W.B. on 18-19<sup>th</sup> 2003.
7. National Symposium on “ **Banana Industry- Present Scenario and Future Strategies**” held at B.C.K.V., FTC, Kalyani, W.B. on 11-13<sup>th</sup> June, 2004.
8. Participated in the “ **1<sup>st</sup> National Krishi Vigyan Kendra Conference**” held at NASC, Pusa, New Delhi on 27-28 October, 2005.
9. National Symposium on "**Sustainable Pest Management for Safer Environment**" held at O.U.A.T., Bhubaneswar on 6-7 th Dec., 2007.
10. **Annual workshop** of AICRP on Linseed and Safflower held at O.U.A.T., Bhubaneswar on 3-5<sup>th</sup> Sept., 2009.
11. **Annual workshop** of AICRP on Rapeseed-Mustard held at Khanapara campus, Assam Agriculture University, Guwahati on 5 to 7<sup>th</sup> August, 2011.
12. **Annual workshop** of AICRP on Linseed and Safflower held at DOR, Hyderabad on 27 to 29<sup>th</sup> August, 2011.
13. **18<sup>th</sup> Annual workshop** of AICRP on Rapeseed-Mustard held at Birsha Agricultural University, Ranchi, 3-5<sup>th</sup> August, 2012.
14. **19<sup>th</sup> workshop** of AICRP on Rapeseed-Mustard held at Sardarkrushinagar Dantiwada Agricultural University, Gujarat, 2013.
15. **21<sup>st</sup> workshop** of AICRP on Rapeseed-Mustard held at B.C.K.V., Kalyani, Nadia from 20 -22<sup>nd</sup> August, 2014.
16. **4<sup>th</sup> Congress on Insect Science** held at PAU, Ludhiana, Punjab from April 16 - 17<sup>th</sup>, 2015.

17. **QRT meeting of AICRP on Rapeseed-Mustard** held at BAU, Ranchi, Jharkhand from 15-16<sup>th</sup> January, 2016.

**State level:**

1. 11<sup>th</sup> State Science and Technological Congress of West Bengal, held at B.N.I.T.T.T.R and Bidhan Nagar Govt. College, Bidhan Nagar, Kolkata on 28- 29<sup>th</sup> Feb., 2004.
2. 12<sup>th</sup> State Science and Technological Congress of West Bengal, held at W.B.University of Technology, Kolkata on 28<sup>th</sup> Feb-1<sup>st</sup> March., 2005.
3. Participated in the state level workshop of KVK held at FTC, B.C.K.V., Kalyani, Nadia on 25-26<sup>th</sup> April, 2005.
4. Participated in the Scientific Advisory Committee Meeting of Dakshin Dinajpur Krishi Vigyan Kendra held on 8<sup>th</sup> Dec. 2005.
5. 16<sup>th</sup> State Science and Technological Congress of West Bengal, held at Burdwan university, Rajbati, Burdwan on 28<sup>th</sup> Feb-1<sup>st</sup> March.,2009.
6. 17<sup>th</sup> State Science and Technological Congress of West Bengal, held at W.B.University of Animal and Fishery science, Belgachia, Kolkata on 4-5<sup>th</sup> March.,2010.
7. 19<sup>th</sup> State Science and Technological Congress of West Bengal, held at Saha Institute of Nuclear Physics, Kolkata on 1<sup>st</sup> -2<sup>nd</sup> March,2012

**Zonal:**

1. Participated in the “ **Zonal workshop cum Training programme on FLD on oilseeds and pulses of KVK**” held at RAU, Pusa, Bihar on 19-20 December, 2005.

**Laboratory strength, you work in** : Fair

**Number of scholar you are Supervising (M.Sc. & Ph.D.)** : -

**Additional duty in administration** : Performed the duty assigned by the Authority.