

ANNUAL REPORT (2025-26)

Department of Agril. Entomology



Faculty of Agriculture

UTTAR BANGA KRISHI VISWAVIDYALAYA

PUNDIBARI, COOCHBEHAR – 736165

West Bengal, India

UTTAR BANGA KRISHI VISWAVIDYALAYA

Faculty of Agriculture

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FOREWORD

Happy to know that the Department of Agricultural Entomology, Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal is going to publish the *Annual Report* (2025-26). The various activities performed by the learned faculties of this Department under academic, research and extension related work have been reflected in this report.

The learned faculties of this department taught and mentored both the undergraduate, post-graduate and doctoral students. They not only ensured them to understand the theory through closed-door classes and in laboratory studies, but they unearthed the treasures before them in field level practical classes. I congratulate the Head of the Department of Agricultural Entomology and his efficient team for bringing out this report.

Dated, Pundibari
The

(D. Mukhopadhyay)
Dean, Faculty of Agriculture
UBKV, Pundibari, Cooch Behar.



UTTAR BANGA KRISHI VISWAVIDYALAYA
Pundibari-736 165, Cooch Behar
West Bengal, India

From: Dr. Sumit Chakravarty
Professor and Dean Post Graduate Studies (Actg.)

FOREWORD

I am pleased to know that the Department of Agricultural Entomology, UBKV, Pundibari is publishing its *Annual Report (2025–26)*. This report highlights the significant academic, research, and extension activities carried out by the faculty members of the Department during the academic year.

The faculty members of the Department have made commendable contributions to teaching, mentoring, and guiding undergraduate, postgraduate, and doctoral students. They have not only imparted theoretical knowledge through classroom teaching and laboratory instruction but have also enriched students' learning through extensive field-based practical training, enabling them to gain firsthand experience and a deeper understanding of agricultural entomology.

I am confident that this Annual Report reflects the Department's commitment to excellence in education, research, and extension, and will serve as a valuable record of its achievements and contributions.

I sincerely congratulate the Head of the Department of Agricultural Entomology and his dedicated team for their sincere efforts in bringing out this informative and well-documented report. I wish the Department continued success in all its future endeavours.

Dated, Pundibari
The

(Sumit Chakraborty)
Dean, Faculty of Agriculture
UBKV, Pundibari, Cooch Behar.

From the desk of Head of the Department

It is a matter of great pleasure to publish the Annual Report of Department of Agricultural Entomology for the year 2025-26. It includes the year-round activities of our department in the area of academic, research and extension. The learned faculties of the department have performed these different activities throughout the year. They guided the students in UG, PG and Ph.D. levels. They not only illuminated them to gain knowledge through theoretical classes, but they unearthed the treasures before them that are hidden in laboratory studies as well as in field level practical classes. However, four students have been awarded M.Sc. degree and three have completed their Doctoral Degree Programme in 2025-26. One student of our department has achieved job as Faculty in Agriculture Institute. The students are distinct in different activities, both in academic and research, and are excellent competitors in different examinations like JRF, NET, SRF etc. The effort, hardwork, dedication of the students and the help and guidance from the teachers as pathfinders builtup the basement of the success that made us very proud. A Voluntary Centre on AICRP on Biological Control of Crop Pests, established in the year 2016-17, has been upgraded to Contingency Centre in the year 2018. This centre, under the guidance of NBAIR, Bengaluru is continuously working on different parameters of Biological Control of crop pests and diseases.

We have collaboration with ICAR institute (NBAIR, Bengaluru) and Universities (CAU, Passighat) for doctoral research purposes. Experts from different institutes (OUAT, Bhubaneswar; CAU, Barapani; BCKV, Mohanpur; Viswa Bharati and AAU, Jorhat) visited our department for Thesis viva-voce of Ph.D. students.

Students from different educational institutes and/or employees of different Govt. and non-Govt. organisations attend our department as exposure visits. The visitors become enriched after attending the department having knowledgeable faculties as well as attentive students as well as co-operative staffs.

Farmers are one of the pillars of Agriculture. All the teachers have always raised their helping hand in the form of advisory to the farmers who attended the Department for any query. Faculties from Majhian campuses, different RRS/RRSS have always exhibited their expertise and expressed their co-operative attitude. Non-teaching staffs have also been helpful throughout the time. All of them provided necessary information during preparation of the report.

I am very much thankful to all of them for the whole-hearted co-operation and co-ordination for successful completion of the Annual Report 2025-26.

Date:

Place: Pundibari

(Prof. S. K. Sahoo)

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Executive summary of the Department of Agril. Entomology (2025-26)

1.1 INTRODUCTION:

The department of Agril. Entomology, earlier, existed under the North Bengal Campus of Bidhan Chandra Krishi Viswavidyalaya (BCKV). It was located at Gram Sevak Training Centre at Cooch Behar, West Bengal since 1979. At that time only the undergraduate courses were catered. PG programmes were not offered till 1998. After that M.Sc. (Ag.) programme with an intake capacity of five (05) students was introduced from 1999.

The full-fledged Department of Agricultural Entomology started functioning with the establishment of Uttar Banga Krishi Viswavidyalaya in February, 2001. Since the establishment of the university in 2001 both the undergraduate and post graduate courses (M.Sc. and Ph.D.) have been introduced.

1.2 Objectives

- a) Conducting instructional programme to the Under Graduate, post-Graduate and Ph.D. students through theory and practical trainings to develop and supply best human resources in the field of agriculture and allied sciences to compete in job market.
- b) To carry out and supervise fundamental, academic and applied researches for the development of science for ultimate benefit to the farming community with keen attention towards restoration of health, environment and right to get residue free food stuff.
- c) Imparting training and visit to the farmers field with the students for the benefit of teachers and students to perceive the current on-farm problems and also to provide advisory with most modern technologies for mitigation.
- d) Restoring democratic environment and to maintain corporate life in integrity among the members of the Department for better teaching-learning processes.
- e) To maintain sustained effort towards improving teaching methodology befitting course-curriculum for imparting best knowledge to the students.

2. Teaching

The Department has catered different courses for Under Graduate Agriculture and Horticulture students as per Vth as well as VIth Dean Committee during the tenure 2025-26. The details of the courses like Course Number, Course Name, Semester for which the course was offered, Credit hours of the course and the Faculties associated with the said courses are given in the following Table –

2.1 Under Graduate Courses

Sl. No.	Course Number	Course Name	Semester	Credit Hour	Faculties associated
1.	ENT-151	Fundamentals of Entomology	2 nd	3 + 1	Prof. S. K. Sahoo, Prof. N. Laskar, Dr. D. Chakraborty & Prof. N. Chaudhuri
2.	ENT-152	Fundamentals of Entomology	2 nd	2 + 1	Prof. S. K. Sahoo, Prof. N. Laskar & Prof. N. Chaudhuri
3.	ENT-201	Nematode Pests of Horticultural Crops & their Management	3 rd	1 + 1	Prof. J. Ghosh & Dr. P. Sarkar
4.	ENT-251	Insect Pests of Fruits, Plantation, Medicinal & Aromatic Crops	4 th	2 + 1	Prof. S. Pal, Dr. M. Chatterjee & Dr. D. Chakraborty
5.	ENT-301	Pests of Crops and Stored Grains & their Management	5 th	2 + 1	Prof. N. Laskar, Prof. S. K. Senapati and Dr. D. Chakraborty
6.	ELC-302	Biopesticides & Biofertilizers	5 th	2 + 1	Prof. S. K. Sahoo & Dr. D. Chakraborty
7.	ENT-351	Management of Beneficial Insects	6 th	1 + 1	Prof. J. Ghosh & Dr. M. Chatterjee
8.	ENT-352	Insect Pests of Vegetables, Ornamental and Spice Crops	6 th	2 + 1	Prof. N. Laskar, Prof. S. Pal & Dr. M. Chatterjee
9.	ENT-353	Sericulture, Apiculture & Lac culture	6 th	1 + 1	Prof. T. K. Hath & Prof. J. Ghosh
10.	PPA-352	Principles of Integrated Pest & Disease Management	6 th	2 + 1	Dr. P. Sarkar

2.2 Post Graduate Courses:

2.2.1 for M.Sc. students

Sl. No.	Course Number	Course Name	Semester	Credit Hour	Faculties associated
1.	ENT-501	Insect Morphology	1 st	2 + 1	Prof. N. Laskar & Prof. S. Pal
2.	ENT-502	Insect Anatomy & Physiology	1 st	2 + 1	Prof. N. Chaudhuri & Dr. M. Chatterjee
3.	ENT-503	Insect Taxonomy	1 st	1 + 2	Prof. S. K. Sahoo & Prof. S. Pal
4.	ENT-504	Insect Ecology	2 nd	2 + 1	Prof. N. Chaudhuri & Dr. M. Chatterjee
5.	ENT-505	Biological Control of Insect Pests & Weeds	2 nd	2 + 1	Prof. T. K. Hath & Prof. S. K. Sahoo
6.	ENT-506	Toxicology of Insecticides	2 nd	2 + 1	Dr. D. Chakraborty & Dr. M. Chatterjee
7.	ENT-507	Host Plant Resistance	2 nd	1 + 1	Prof. N. Laskar
8.	ENT-508	Concepts of IPM	1 st	2 + 0	Prof. N. Laskar & Prof.

					S. K. Senapati
9.	ENT-509	Pests of Crops and Stored Grains & their Management	3 rd	2 + 1	Prof. N. Laskar, Prof. T. K. Hath & Dr. D. Chakraborty
10.	ENT-513	Principles of Acarology	3 rd	1 + 1	Prof. J. Ghosh & Dr. M. Chatterjee
11.	ENT-516	Apiculture & Sericulture	2 nd	1 + 1	Prof. T. K. Hath & Prof. J. Ghosh
10.	PPA-504	Plant Nematology	1 st	2 + 1	Prof. J. Ghosh & Dr. P. Sarkar

2.2.2 for Ph.D. students

Sl. No.	Course Number	Course Name	Semester	Credit Hour	Faculties associated
1.	ENT-601	Insect phylogeny & Systematics	1 st	1 + 2	Prof. S. K. Sahoo, Prof. N. Chaudhuri & Prof. S. Pal
2.	ENT-602	Insect Physiology & Nutrition	1 st	2 + 1	Prof. T. K. Hath, Prof. N. Chaudhuri & Dr. M. Chatterjee
3.	ENT-603	Insect Ecology & Diversity	2 nd	1 + 1	Prof. N. Chaudhuri & Dr. M. Chatterjee
4.	ENT-604	Insect Behaviour	2 nd	1 + 1	Prof. J. Ghosh & Prof. N. Chaudhuri
5.	ENT-605	Bio-inputs for Pest Management	3 rd	2 + 1	Prof. T. K. Hath & Prof. S. K. Sahoo
6.	ENT-606	Insect Toxicology & Residues	1 st	2 + 1	Prof. J. Ghosh & Dr. M. Chatterjee
7.	ENT-607	Plant Resistant to Insects	1 st	2 + 0	Prof. N. Laskar & Prof. S. K. Senapati
8.	PPA-504	Plant Nematology	1 st	2 + 1	Prof. J. Ghosh & Dr. P. Sarkar

2.3 PG Student completed degree:

2.3.1 M.Sc. (Ag)

SL No	Name of the student	Gender	Home state	Supervisor	Title of the thesis
1.	Abhirup Ghosh	M	West Bengal	Prof. S. K. Sahoo	Field Evaluation of indigenous strain of <i>Beauveria bassiana</i> (UBKV-Bb-1) against insect pests of cabbage and mustard.
2.	Jafril Hamsika	F	Tamil Nadu	Prof. N. Chaudhuri	Incidence and Feeding Preference of Jute Hairy Caterpillar <i>Spilosoma obliqua</i> (Walker) (Lepidoptera: Arctiidae)

3.	Krishnakripa, A.M.	F	Kerala	Dr. M. Chatterjee	Egg Parasitoid Complex of Rice Yellow Stem Borer – A Comprehensive Study
4.	Rajath, H. S.	M	Karnataka	Prof. J. Ghosh	Evaluation of Some Indigenous Plant Leaf Extracts as A Grain Protectant against <i>Callosobruchus chinensis</i> (Coleoptera: Bruchidae)

2.3.2 Ph. D.

SL No	Name of the Student	Gender	Home state	Supervisor	Title of the thesis
1.	Deepika Gadaily	F	Sikkim	Prof. T. Dhar	Studies on Insect-pest and Natural Enemy Biodiversity in Cabbage (<i>Brassica oleracea</i> var. capitata L.) under Terai Zone of West Bengal
2.	Dosa Rajeswari	F	Telangana	Prof. S. Pal	Pest complex of Maize and their sustainable management
3.	Toge Riba	M	Arunachal Pradesh	Prof. N. Chaudhuri	Pest Constraints of Litchi (<i>Litchi chinensis</i> Sonn) at Different Agro-climatic Sub-region of Zone-II (India)

2.4 Existing PG students along with the name of supervisor

2.4.1 M.Sc. students

Sl. No.	Name of the student	Gender	Home State	Supervisor	Title of Thesis
1.	Ankan Chakraborty	M	West Bengal	Prof. T. K. Hath	Study on Biodiversity of Soil Fauna in Terai Zone of West Bengal
2.	Maitri Sarkar	F	-Do-	Dr. P. Sarkar	Root-Knot Nematode (Meloidogyne) in Jute: Distribution, Identification, and Prevalence in Northern West Bengal
3.	Snehasis Das	M	-Do-	Prof. N. Laskar	Impact of pollinator attractants on various insect pollinators on mustard (<i>Brassica juncea</i> (L.)) (Czern. & Coss.)
4.	Telugu Mohan Kumar	M	Andhra Pradesh	Prof. S. Pal	Studies on the population dynamics and Management of Pests in tomato (<i>Solanum lycopersicum</i> L.)
5.	Alisha Kumari	F	Maharashtra	Prof. N. Chaudhuri	-Yet to be decided-

6.	Ankita Midya	F	West Bengal	Dr. P. Sarkar	-Yet to be decided-
7.	Argha Samanta	M	West Bengal	Dr. D. Chakraborty	
8.	Juhi Das	F	West Bengal	Dr. M. Chatterjee	
9.	P. Abirami	F	Tamil Nadu	Prof. S. Pal	
10.	Praneesh S.	M	Tamil Nadu	Prof. N. Laskar	
11.	Rajesree Kundu	F	West Bengal	Prof. J. Ghosh	
12.	Sohini Das	F	West Bengal	Prof. S. K. Sahoo	
13.	Tanay Kundu	M	West Bengal	Dr. D. Chakraborty	
14.	Upasana Nag	Female	West Bengal	Prof. T. K. Hath	

2.4.2 Ph.D. students

Sl. No.	Name of the student	Gender	Home state	Supervisor	Title of the thesis
1.	Prapti Panja	F	West Bengal	Dr. M. Chatterjee	Taxonomic study of Tetranychid mites associated with agri-horticultural crops from northern districts of West Bengal
2.	Shubhayan Dutta	M	-Do-	Prof. N. Laskar	Studies on Stingless bees (Apidae: Apinae: Meliponini) of northern hilly tract of West Bengal
3.	Abin Ghosh	M	-Do-	Dr. W. Reja	Not yet decided
4.	Tapas Kumar Hembram	M	West Bengal	Prof. T. Dhar	Study on Feeding Preference and Digestive Physiology of <i>Spodoptera frugiperda</i> (Smith) and <i>Spodoptera Litura</i> (Fab.) on Different Hosts.
5.	Riju Nath	M	West Bengal	Prof. S. K. Senapati	Study on pollinators under Terai Agro- climatic Region of West Bengal.

6.	Pousabh Das	M	West Bengal	Dr. W. Reza	Key Insect-pest and their Management at Different Growth Stages of Paddy (<i>Oryza sativa</i> L.) in Terai Region of West Bengal
7.	Adrish Dey	M	West Bengal	Prof. N. Laskar	Assessment of spatio-temporal variation in bee-forage in West Bengal through melissopalynological investigations.
8.	Sanjoy Samanta	M	West Bengal	Prof. S. K. Senapati	Studies on insect fauna with reference to pests and pollinators acting upon ridge gourd (<i>Luffa acutangula</i> L. Roxb.) in Terai region of West Bengal
9.	Swagata Bhowmik	F	Tripura	Prof. S. K. Sahoo	Studies on aphid faunal diversity in field crops particularly cereals, pulses and oilseeds with special reference to seasonal abundance of aphid species of field pea and mustard
10.	Keerthana B	F	Tamil Nadu	Prof. N. Chowdhury	Gut microbiome mediated insecticidal responses in fall armyworm <i>Spodoptera frugiperda</i> J. E. Smith of Maize
13.	Mrinal Karjee	M	West Bengal	Dr. P. Sarkar	Identification and distribution of root knot nematode (<i>Meloidogyne</i>) species and races infecting Medicinal Plants in the foot hills of Eastern sub-Himalayas
14.	Samrat Saha	M	West Bengal	Prof. T. Dhar	Physico-chemical and Nutraceutical Characterization of West Bengal Honey
15.	Soheli Sarkar	F	West Bengal	Prof. T. K. Hath	Studies on the biophysical and biochemical bases of resistance in brinjal genotypes (<i>Solanum melongena</i> L.) against <i>Leucinodes orbonalis</i> Guen.
16.	A. Sankeerthana	F	Telengana	Prof. S. K. Sahoo	Biodiversity of Hymenopteran parasitoids in different

					Ecosystem of West Bengal
17.	Sogala Manohar	M	Telengana	Dr. B. Patra	Studies on Insecticide Resistance in <i>Aphis gossypii</i> Glover on Okra
18.	Md. Sharafat Ali	M	West Bengal	Prof. T. K. Hath	Diversity of important Mite Pests, their Biology, Population Dynamics and Sustainable Management on Marigold (<i>Tagetes</i> sp.) at the Terai Zone of West Bengal
19.	Gouri Sankar Nandi	M	West Bengal	Prof. S. K. Senapati	Insect Pest Complex under Different types of Farming – A Comparative Study
20.	Jeyashree J.	F	Puducherry	Prof. S. Pal	Utilising Coccinellid Predators for the Sustainable Management of Potato Aphid, <i>Myzus persicae</i> (Sulzer): Ecological, Functional and Molecular Insights under Cold Storage
21.	Narayan Chandra Pal	M	West Bengal	Dr. P. Sarkar	Identification and Distribution of Root Knot Nematode species (<i>Meloidogyne</i> spp.) associated with Tea Growing Zones of West Bengal
22.	Subham Kr. Sarkar	M	West Bengal	Prof. J. Ghosh	Diversity, population dynamics and basis of resistance against pod borer complex of redgram (<i>Cajanus cajan</i> L. Millsp.) under Terai zone of W.B.

3. RESEARCH

3.1 Area of research:

The Department of Agril. Entomology has directed research activity on various aspects in the following way –

- * Crop-pest based research
- * Fundamental research like species identification, morphological studies, taxonomical studies including application of molecular approaches.
- * Formulation of IPM modules for different crop and pests

- * Mass production, release and maintenance of biological agents
- * Productive insect based research like honey bee, silkworm etc.
- * Management of nematodes and mites pests of different crops

3.2 Scholarships/Stipends/Fellowship, NET and Employment:

3.2.1 M.Sc. students

Sl. No.	Name of the students	Name of the Scholarship	Amount/Year (Rs.)
1.	Telugu Mohan Kumar	National Talent Scholarship	60,000/-
2.	Praneesh S.	-Do-	60,000/-

3.2.2 Ph.D. students

Sl. No.	Name of the students	Name of the Scholarship	Amount/month (Rs.)
1.	Prapti Panja	University Research Scholar	18,000/- per month
2.	Shubhayan Dutta	-Do-	18,000/- per month
3.	Abin Ghosh	Swami Vivekananda Merit-cum-Means Scholarship	8,000/- per month
4.	Keerthana B	-Do-	8,000/- per month
5.	Mrinal Karjee	Project Fellow	18,000/- per month
6.	Samrat Saha	University Research Scholar	18,000/- per month
7.	Soheli Sarkar	University Research Scholar	18,000/- per month
8.	A. Sankeerthana	Swami Vivekananda Merit-cum-Means Scholarship	8,000/- per month
9.	Sogala Manohar	Project Fellow	18,000/- per month
10.	Md. Sharafat Ali	University Research Scholar	18,000/- per Month
11.	Gouri Sankar Nandi	University Research Scholar	18,000/- per Month
12.	Jeyashree, J.	Swami Vivekananda Merit-cum-Means Scholarship	8,000/- per month
13.	Narayan Chandra Pal	University Research Scholar	18,000/- per month

3.2.3 Students employed/NET Qualified

Sl. No.	Name of the students	Employed in	NET Qualified (UGC/ICAR)
1.	Niharika Pal	-----	ICAR NET
2.	Dosa Rajeswari	Assistant Professor College of Agriculture, Babhulgaon, Maharashtra	----

3.3 Involvement of teachers in various research projects:

Sl. No.	Name of the projects/ scheme	Name of the P.I.	Year of commencement	Funding Agency	Total Budget (Rs. in Lakh)
1.	AICRP on Biological Control of Crop Pests and Diseases	Prof. S. K. Sahoo	2018	ICAR- NBAIR (Contingency Centre)	7.00
2.	Bio-efficacy, trail of PIPL 0015/24 against major pests of chilli & cotton.	Prof. J. Ghosh	2024	Parijat Industries (India) Private Limited	5.60
3.	Bio-efficacy, trail of PIPL 23007 against major lepidopteran pests of chilli & cotton.	-Do-	2024	-Do-	5.60
4.	Bio-efficacy, Phytotoxicity and Residue analysis of CEI 315 & CTC 75 in Paddy	-Do-	2024	Chemly Agritech Private Limited	6.16
5.	Evaluation of Abamectin 0.7% + Spirotetramat 9.6% + Diafenthiuron 31.3% SC” [Code: JU (3) VI-070931]” on Tomato crop	Dr. M. Chatterjee	2024	JU Agri Sciences Private Limited	5.88
6.	Evaluation of Emamectin Benzoate 2.90% + Bifenthrin 3.3% + Cartap hydrochloride 29.2% WP” [Code: JU (3) PI-020329]” insecticide on Tomato crop.	-Do-	2024	-Do-	5.88
7.	Evaluation of Emamectin Benzoate 2.90% + Bifenthrin 3.3% + Cartap hydrochloride 29.2% WP” [Code: JU (3) PI-020329]” insecticide on Rice (Paddy) crop.	-Do-	2024	-Do-	5.88
8.	Evaluation of Emamectin benzoate 1.25 % + Lambda-cyhalothrin 1.5 % +Bifenthrin 4.5 % EC”	-Do-	2025	-Do-	5.88

	[Code: JU (3) PI-121545] insecticide on Brinjal crop.				
9.	Evaluation of Emamectin benzoate 1.0 % + Cypermethrin 1.0 % + Cartap Hydrochloride 73% WG [Code: JU (3) PI-101073] insecticide on Rice (Paddy) and Tomato.	-Do-	2025	-Do-	11.76
10.	Testing of Phytotoxicity effects on targeted crops on Maize, Cotton and Chilli.	Prof. J. Ghosh	2025	Parijat Industries (India) Private Limited	7.56
11.	Bio-efficacy, Phytotoxicity and residue analysis of PIPL 23007 SC against <i>Maruca vitrata</i> and <i>Helicoverpa armigera</i> in Black Gram.	-Do-	2026	-Do-	3.50

4. Extension Activities

Several training programmes were organised under the extension activities during 2024-25. These are as follows –

1. Training cum input distribution programme was organised for tribal farmers under AICRP-Biological control on 02.09.2025 at Uttar Chakoakheti, Chilapata, Alipurduar-I district (No. of beneficiaries-60).
2. Training programme for tribal farmers was conducted under AICRP-Biological control on 20.11.2025 at Swami Vivekananda Auditorium, UBKV, Pundibari (No. of beneficiaries-60).
3. Training cum input distribution programme was organised for tribal farmers under AICRP-Biological control on 03.02.2026 at Swami Vivekananda Auditorium, UBKV, Pundibari (No. of beneficiaries-50).

4. INFRASTRUCTURAL FACILITIES

Sl. No.	Infrastructure	Number	Facilities Available
a)	Seminar Hall cum classroom	01	AC, Internet Connectivity and LED Monitor for display/presentation, Video Conferencing facility
b)	Molecular Entomology Laboratory	01	Thermal Cycler PCR, Gel Electrophoresis, Deep Freezer, Transiluminator, Digital Hot Water Bath and Micro Centrifuge
c)	Insect Taxonomy and Morphology Laboratory	01	Stereo Zoom Microscopes (Binocular/Trinocular: 07) with imaging facility, Hot Air Oven and BOD
d)	Biological Control Laboratory	01	Insect rearing cage, Egg laying cage, UV chamber, Hot air oven, Trichocard production Unit
e)	Acarology Laboratory (under progress)	01	– N.A. –
f)	UG Laboratory (Fundamentals of Entomology)	01	Simple and Compound Microscopes (30 each)
g)	Insect Museum	01	Collection of insects belonging to different orders featuring an aesthetic appeal
h)	PG Laboratory	01	Laminar Air Flow, Hot Air Oven and other Instruments and Equipments related to PG Research

6. FACULTY AND STAFF POSITION

6.1 Faculty

Sl. No.	Name	Designation	Specialisation	Contact details
1.	Dr. S. K. Senapati (Posted through Drafting)	Professor	Economic Entomology	Ph. No. 9434191444 Email: sksubkv@rediffmail.com
2.	Dr. T.K. Hath	Professor	Economic Entomology	Ph.No.9434685670 Email: tapanhath@gmail.com
3.	Dr. Jaydeb Ghosh	Professor	Economic Entomology and Acarology	Ph.No.9434483767 Email: jaydebubkv@yahoo.com
4.	Dr. N. Laskar	Professor	Economic Entomology	Ph. No. 9434483855 Email: nrupendralaskar@yahoo.co.in
5	Dr. S. K. Sahoo	Professor	Economic Entomology	Ph.No.9647255868 Email: shyamalsahoo@gmail.com
6.	Dr. M. Chatterjee	Assistant Professor	Economic Entomology and Acarology	Ph.No.9679350517 Email: moulita.2014@gmail.com
7.	Dr. D. Chakraborty	Assistant Professor	Economic Entomology	Ph.No.9647800589 Email: debanjan.ubkv@gmail.com

6.2 Staff

Sl. No.	Name	Designation	Specialisation	Contact details
1.	Dr. T. K. Ghosal	Superintendent (Tech.)	Associated in practical classes	Ph.No.9474521381 Email: drtkghosal@gmail.com
2	Sri Subrata Dhar	Lab Attendant	Maintenance of files, lab attendant, letter distribution	Ph. No. 6297793652

7. PUBLICATION

7.1 Research Articles

Sl. No.	Title (Whether from M.Sc. or Ph.D. Work)	Author(s)	Journals with NAAS Rating/Other rating
1.	Egg Parasitoids of Rice Yellow Stem Borer <i>Scirpophaga incertulas</i> (Walker) M.Sc. thesis	Sankeerthana A, Krishnakripa A M, S G Karkute, Prashanthi Golive and Moulita Chatterjee	Indian Journal of Entomology NAAS 5.59
2.	Exploring the Hexapod Natural Enemy Complex of West Bengal's Terai Rice Ecosystem M.Sc. thesis	A. Sankeerthana, Atanu Maji, Navendu Nair and Moulita Chatterjee	Journal of Advances in Biology & Biotechnology NAAS 5.30
3.	Natural Parasitization of <i>Scirpophaga incertulas</i> Egg Masses in the Rice Ecosystem of West Bengal, India. M.Sc. thesis	A Sankeerthana, Moulita Chatterjee and Krishnakripa A.M	International Journal of Research in Agronomy NAAS 5.20
4.	Bees in litchi bloom: Assessing the diversity and foraging behaviour of bee visitors in a litchi ecosystem Ph.D. thesis	Nath, R., Saha, S., Sarkar, S. K., Chaudhuri, N., Rameshkumar, A., Laskar, N. , & Senapati, S. K.	Journal of the Entomological Research Society (NAAS: 6.5)
5.	Nature's Matchmakers: Insects and their Pollination Services for Crops Ph.D. thesis	Dey, A., & Laskar, N.	Journal of Agriculture and Ecology Research International (NAAS: 4.69)
6.	A Warming World and a Fading Buzz: The Impact of Climate Change on Pollinators. Ph.D. thesis	Dey, A., & Laskar, N.	International Journal of Environment and Climate Change (NAAS: 5.16)
7.	Bio-efficacy impact of botanical powders against <i>Callosobruchus chinensis</i> infesting different stored pulses: A review Ph.D. thesis	Mounika, T., Vardhan, P. N. H., Hath, T. K. , & Badavath, A.	<i>Environment Conservation Journal</i> , 26 (1), 264–273 (2025). NAAS: 5.66

8.	Comparative morphometric measurements of different development stages of <i>Callosobruchus chinensis</i> in five different pulses M.Sc. thesis	Tumma Mounika, Hath T. K., Sahoo S.K. , Biswas Nipa	Journal of Entomological Research 49 (1), 64-67 (2025) NAAS: 5.66
9.	Spatio-temporal dynamics of brinjal prices and arrivals: A case study of the terai region markets in West Bengal	Pooja A., Gupta D.S., Basak P., Debnath M. K., Chatterjee R., Hath T. K. and Sujayasree O.J.	<i>J. Hortic. Sci.</i> Vol. 20(2), 2025 NAAS: 6.40 DOI: https://doi.org/10.24154/jhs.v20i2.4263
10.	Impact of host type and multiple mating on the ovipositional preference and fecundity of <i>Callosobruchus chinensis</i> L. Ph.D. thesis	Tumma Mounika, Hath T. K., Sahoo S.K. and Debnath M. K.	Journal of Entomological Research, 50 (1): 21-24 (2026) NAAS: 5.63
11.	Oviposition Behaviour of Pulse Beetle (<i>Callosobruchus chinensis</i> L.) on Different Stored Pulses Ph.D. thesis	Tumma Mounika, Tapan Kumar Hath, Shyamal Kumar Sahoo , Deb Sankar Gupta, Manoj Kanti Debnath	Legume Research- An International Journal, 49 (3): 536-541 (March 2026). NAAS: 6.80
12.	Species Composition, Diversity and Spatial Distribution of Cicadellid Mango Hopper in Sub Himalayan West Bengal, India. (M.Sc. thesis)	Saren D, Sahoo S.K. , Mounika T, Chakraborty D. , Maji A, Bhowmik N, Debnath MK, Patra B.	International Journal of Tropical Insect Science (ISSN: 1742 - 7584) NAAS rating 7.10
13.	Incidence and demographic parameters of <i>Lipaphis erysimi</i> (Kaltenbach) on rapeseed-mustard in Terai agro-ecological region of West Bengal (M.Sc. thesis)	Sarkar, S. K., Saha, S., Nath, R., Chaudhuri, N., Ghosh, J. , Ghosh, A., & Senapati, S. K. (2025).	Journal of Environmental Biology 46(1): 66-76.
14.	Feasibility of Timing Insecticide Applications based on Pheromone Trap Catches of Fall Armyworm, <i>Spodoptera frugiperda</i> (JE Smith) in Maize (Ph.D. thesis)	Rajeshwari, D., Pal, S., Patra, P. S., Ghosh, A., Laskar, N. , & Ghosh, J. (2025)	Asian Journal of Advances in Agricultural Research, 25(1): 1-9

15.	Effect of meteorological factors on incidence of mango hopper in shoot pruned mango plants under Sub-Himalayan terai region of West Bengal, India.	Polu P, Bhowmick N, Sahoo S. K.	Journal of Experimental Agriculture International 47(8): 303-310. (ISSN: 2457-0591) NAAS rating 5.14
17.	Evaluation of different solid substrates for mass multiplication of an insecticide-compatible native strain of <i>Beauveria bassiana</i> (Balsam) Vuillemin. (Ph.D. thesis)	Manohar S, Patra B, Sahoo S.K., Chakraborty, D., Basak P, Debnath, A., Bhattacharya PM, Reddy SA, Sivakumar G.	Agricultural Mechanization in Asia Africa and Latin America 56(09): 21545-21556 (ISSN: 0084-5841) NAAS rating 6.40

7.2 Book

Sl. no.	Title	Editors	Detail of Publication

7.3 Bulletin

Sl. No.	Title	Authors	Detail of Publication
1.	Fosoler Kitshotru Niyontrone Joibik Poddhotir Byaboharik Proyog (in Bengali) March, 2026	Dr. B. Patra, Dr. D. Chakraborty, Dr. M. Chatterjee, Dr. A. Debnath and Prof. S. K. Sahoo	Sponsored by AICRP on Biological Control, ICAR-NBAIR, Bengaluru

7.4 Popular Article

Sl. No.	Title	Authors	Detail of Publication

8. SYMPOSIUM/ TRAININGS/ SEMINARS ATTENDED AND ORGANISED:

Sl. No.	Topic of seminar (Attended by)	Venue and Date	Duration	National/ International	Funding Agency/Organiser (ICAR/Other)
1.	Faculty development programme on Recent Advances in Plant Protection for Intensive Organic Farming (Dr. M. Chatterjee)	Online 07.10.2025 to 27.10.2025	21 days	National	Institute of Agricultural Sciences, Banaras Hindu University (BHU), Varanasi (UP) and National Agriculture Development Cooperative Ltd. (NADCL), Baramulla

2.	Mass Production Techniques of Microbial and Macrobia Biocontrol Agents for the Management of Crop Pests (Dr. D. Chakraborty)	NBAIR, Bengaluru 09.03.2026 to 18.03.2026	10 days	National	ICAR-NBAIR, Bengaluru
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9. MEMBER OF ACADEMIC SOCIETIES

Sl. No.	Name of the Faculty	Name of the Academic Society
1.	Prof. J. Ghosh	COBACAS Society for Biocontrol Advancement (SBA) Crop and weed science society
2.	Prof. T. K. Hath	COBACAS Society for Plant Protection and Environment (OUAT) Insect Study and Conservation Network (Bangalore) BN Seal Journal of Science
3.	Prof. N. Laskar	Society for Biocontrol Advancement (SBA)
4.	Prof. S. K. Sahoo	COBACAS Entomological Society of India Society for Biocontrol Advancement (SBA)
5.	Dr. M. Chatterjee	i. Agri India Today ii. COBACAS iii. AAPMHE iv. CWSS
6.	Dr. D. Chakraborty	COBACAS

10. OTHER ACTIVITIES AND ACHIEVEMENTS

(Co-curricular, Extension and Professional Development related Activities)

Sl. No.	Acted as Resource Person (Topic) /Delivered Lectures (Topic)/ Reviewer of Research Paper(s) in Journal/Others	•Date(s) of Activities/ Name of Journal •Funding Agency/Organiser(ICAR/Other)/ Organisation invited for Lectures or Details of Journal
1.	Resource person at Farmers' Training	(a) "Scope and opportunities of commercial beekeeping in West Bengal" at Dhanyaganga KVK, Ramkrishna Ashram, Sargachhi, Murshidabad (b) "Agrochemicals: Prospects and problems" (two numbers) at Jalpaiguri KVK, Ramsai, Jalpaiguri (c) "Crop pest and their management" (four numbers) at Cooch Behar KVK, Pundibari, Cooch Behar (Prof. N. Laskar) "Apiculture" at ATC, Coochbehar (Prof. S. K. Sahoo)

		(a) “Residue of Pesticides” and “Pest control in agriculture” (two numbers) at ATC, Coochbehar (b) “New Generation Insecticides” at Jalpaiguri KVK, Ramsai, Jalpaiguri (One number) (Dr. D. Chakraborty)
2.	Resource person at Farmers’ Training cum input distribution programme	For tribal farmers related to Biological control at Uttar Chakowakheti (Alipurduar) and UBKV (Coochbehar) organised by AICRP Biocontrol (UBKV Centre) on 02.09.2025, 20.11.2025 & 03.02.2026. (Prof. S. K. Sahoo, Dr. M. Chatterjee and Dr. D. Chakraborty)
3.	Reviewer of Research Paper in Journal	Journal of Environmental Biology (two numbers) (Prof. S. K. Sahoo) Scientific Reports (Prof. N. Laskar) (a) Journal of Experimental Agriculture International (b) Vegetable Science (Dr. M. Chatterjee) Asian Journal of Agricultural and Horticultural Research (Dr. D. Chakraborty)
4.	Delivered Lecture	(a) On Entrepreneurship in Sericulture: From Entrepreneurship to Empowerment in Summer Internship Programme for UG students at ABN Seal College (Post Graduate Department of Zoology), Coochbehar from 02.06.2025-03.06.2025 (Prof. T. K. Hath) (b) As Speaker on the occasion of World Environment Day at Sadar Govt. High School on 05.06.2025 organised by Paschim Banga Vigyan Mancha, Coochbehar District (Prof. T. K. Hath) (c) Delivered lecture on “Rearing of Non-Mulberry Silk worm” in the Summer Internship Programme at A. B. N. Seal College, Coochbehar on 18.06.2025.

		(Prof. S. K. Sahoo) (d) On the occasion of National Scientific Temper Day at Coochbehar Girls High School, Coochbehar on 20.08.2025 organised by Platinum Jubilee Committee of Coochbehar Girls School & Paschim Banga Vigyan Mancha (Prof. T. K. Hath) (e) Speaker of a Panel Discussion on Environment, Economy, Development, Industry & Tourism: Hills Terai and Dooars at Ramkinkar Hall, Dinabandhu Mancha, Siliguri on 21.12.2025 organised by Paschim Banga Vigyan Mancha (Prof. T. K. Hath) (f) Presented UBKV Silver Jubilee Review of Agricultural Entomology Research: Achievements and Strategic Priorities at Swami Vivekananda Auditorium, UBKV on 07.01.2026 organised by Directorate of Research, UBKV (Prof. T. K. Hath)
5.	Performed as Chairman	(a) Evaluation and Monitoring (E & M) Committee for Uttar Dinajpur, Dakshin Dinajpur and Malda KVK at Chopra, Majhian, Balurghat, Tapan and Malda from 16.06.2025 to 25.06.2025 organised by Directorate of Extension Education, UBKV (b) Monitoring Committee of Coochbehar KVK and Uttar Dinajpur KVK at Coochbehar and Chopra in 2025 organised by Directorate of Extension Education, UBKV (Prof. T. K. Hath)
6.	Acted as Expert/Evaluator/Judge	(a) Expert of Essay Competition on New Education Policy at Vivekananda Auditorium, UBKV 27.11.2025 organised by Dean, Students' Welfare, UBKV (Prof. T. K. Hath)

		(b) Acted as Poster Evaluator in the one-day workshop organized by COBACAS, UBKV, Pundibari on 07.01.2026 (Prof. S. K. Sahoo) (c) Judge of Annual Athletics Meet, UBKV, Pundibari, Coochbehar on 17.02.2026 organised by UBKV (Prof. T. K. Hath)
7.	Visit for Survey/Observation/Inspection	Visited to Air Force Station Hasimara to conduct entomology study and survey for understanding insect activities within and around the airfield environment on 16.10.2025 (Prof. J. Ghosh and Dr. D. Chakraborty)
8.	Organised visit for students	An Exposure visit for UG students (ASEC course) to Apiary (owned by Sri Krishna Pada Sarkar) at Daowaguri, Coochbehar on 21.02.2026 & 07.03.2026 Sponsored by Dean, Faculty of Agriculture, UBKV (Prof. T. K. Hath)
9.	Radio Talk	(a) “Joibik Upaaye Fosoler Keet Shotru Niyontron” at AIR, Siliguri on 19.12.2025 (b) “Laabhjonok Adhunik Poddhotite Moumachhi Paalon” at AIR, Siliguri on 07.02.2026 (Prof. S. K. Sahoo) Career Guidance at 89.6 FM Radio Akashvani Coochbehar on 28.03.2025 and 18.04.2025 (Prof. T. K. Hath)

11. CURRICULUM DEVELOPMENT & DELIVERY:

Study material and PPT on different entomological courses under UG and PG.

12. LINKAGES WITH ICAR INSTITUTES FOR ACADEMIC RESEARCH IF ANY:

Sl. No.	Purpose	Institute/Journal	No. of Teachers/ Academic Staff
1.	Thesis evaluator	CAU (Barapani, Meghalaya)	Prof. T. K. Hath
		CAU, Imphal, Manipur	Prof. N. Laskar
		B.C.K.V. (West Bengal)	Prof. T. K. Hath
		O.U.A.T. (Odissa)	Prof. N. Laskar
		University of Burdwan (West Bengal)	Prof. T. K. Hath
2.	Question setter	(a) Visva-Bharati University	Dr. M. Chatterjee
		(b) PAU, Ludhiana	
		Seacom Skills University	Prof. T. K. Hath
3.	Observer	Roving Observer for Coochbehar District West Bengal Joint Entrance Examination, 2025 (Coochbehar, April 27, 2025)	Prof. T. K. Hath
4.	MOU	Our Department has signed MOU with ICAR-NBAIR, Bengaluru and CAU, Pasighat for student research.	

Photographs

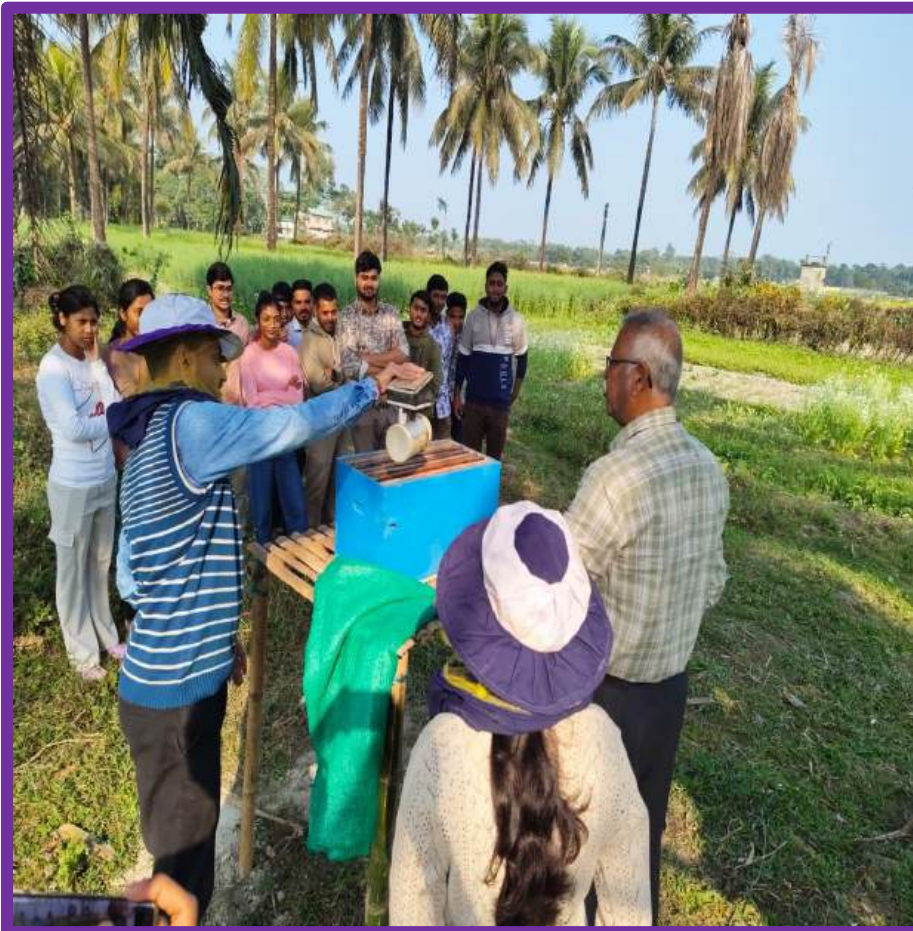
13.1 Academics Related



Practical Class of ENT-151 in Laboratory



Practical Class of ENT-151 in Field



Practical Class of ASEC-201 related to Beekeeping



Practical Class of ASEC-201 related to Beekeeping



Practical Class of ASEC-201 related to Beekeeping



Practical Class of ASEC-201 related to Beekeeping



Field Practical of ASEC-201 related to Sericulture



Laboratory Practical of ASEC-201 related to Sericulture



Laboratory Practical of ASEC-201 related to Sericulture



Laboratory Practical of ASEC-201 related to Sericulture



Practical Examination ENT-151 Batch I



Practical Examination ENT-151 Batch II



Practical Examination Identification ENT-351



Practical Examination Viva-voce ENT-351



Practical Class Insect Taxonomy (ENT-503)



Practical Class Biological Control (ENT-505)



**Practical Class Pests of Crops and Stored Grains
(ENT-509)**



**Practical Class Nematology
(Pl. Patho – 504)**



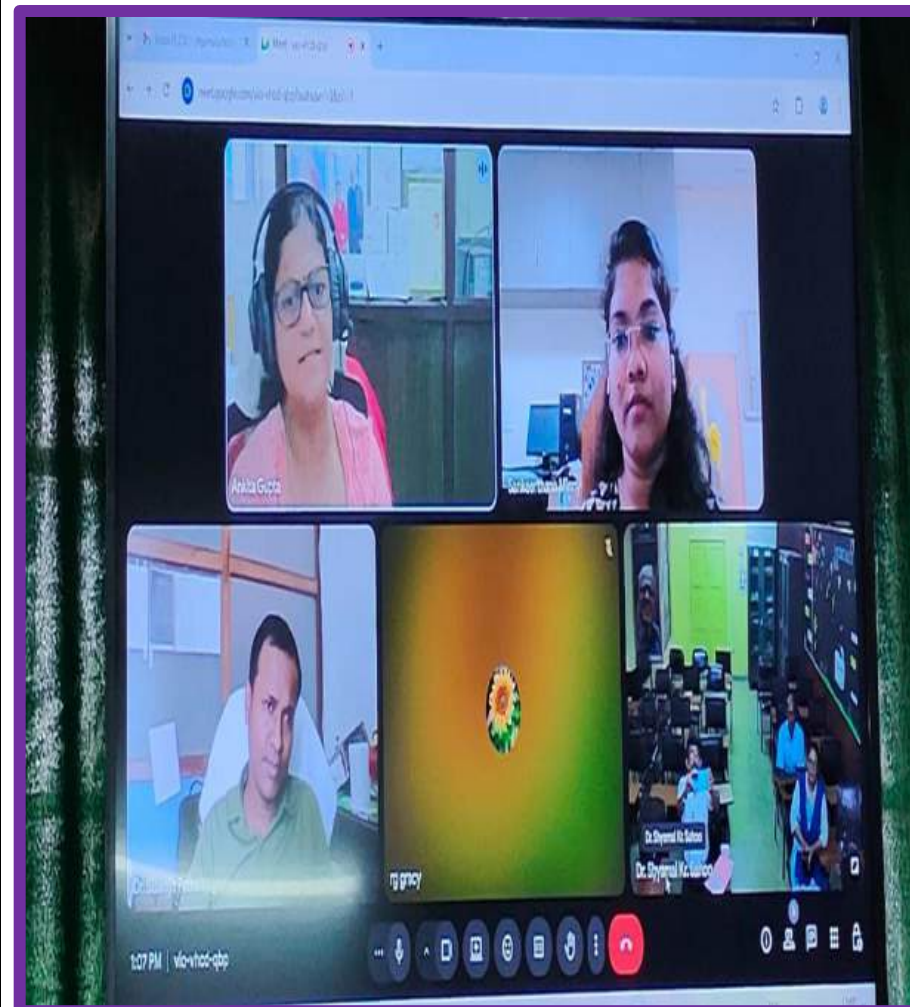
Ph.D. student Jeyashree J. assisting UG practical class



Ph.D. student A. Sankeerthana assisting PG practical class



Credit Seminar of Maitri Sarkar (M.Sc. 3rd Semester)



**Research Credit Seminar of A. Sankeerthana
(Ph.D. 3rd Semester)**



Ph.D. comprehensive Viva-voce of Mrinal Karjee



Ph.D. comprehensive Viva-voce of Soheli Sarkar



M.Sc. Thesis Viva of Jafril Hamsika



Ph.D. thesis Viva of Toge Riba



Felicitation of Deepika Gadaily after successful completion of Ph.D. thesis viva-voce



Felicitation of Toge Riba after successful completion of Ph.D. thesis viva-voce



Orientation of 1st Semester UG Students 'Deeksharambh' at Swami Vivekananda Auditorium, UBKV on 16.09.2025



Initiation of RAWE Programme of 7th Semester UG Students at Classroom 2, UBKV

Photographs

13.2 Research Related



**Installation of Malaise traps in Arecanut plantation
(Ph.D. student A. Sankeerthana)**



**Tagging and Observation in Litchi Plantation
(In-service Ph.D. student Toge Riba)**



**Data Recording in Tomato Field
(M.Sc. student Mohan Kumar)**



**Inoculation of Host Plant
(M.Sc. student Mohan Kumar)**



Ph.D. student Manohar working on Insecticide Resistance



Field Observation on Insecticide Resistance Management



Ph.D. student Soheli working on Solasodine content analysis of Brinjal Fruits



Ph.D. student Jeyashree working on Coccinellid Gut Dissection



Ph.D. student Narayan working on Determination of Available Potassium from soil sample



Ph.D. student Narayan culturing Nematode in Pot

Photographs

13.3 Extension Related



**Training Programme at Chilapata, Uttar Chakoakheti
on 02.09.2025 under AICRP Biological Control**



**Input Distribution Programme at Chilapata, Uttar Chakoakheti
on 02.09.2025 under AICRP Biological Control**



Training-cum-Input Distribution Programme at Swami Vivekananda Auditorium, UBKV on 20.11.2025 under AICRP Biological Control

Photographs

13.4 Other Activities Related



**Summer Internship at ABN Seal College, Coochbehar on
18.06.2025**



**Visit to Hasimara Air Base to conduct insect activity
study in and around the airfield on 16.10.2025**



**Recording Radio Talk on Beekeeping at Akashvani Siliguri on
07.02.2026**



**Radio Programme on Career guidance at 89.6 FM
Radio Coochbehar on 28.03.2025 and 18.04.2025**



**Exposure visit of students from Hooghly Mohsin College on
24.05.2025**



**Dr. Abhilasa Modal, Assist Professor, AAU, Jorhat
visiting Insect Museum on 20.01.2026**



Teacher's Day celebration at the Department on 08.09.2025