



DEPARTMENTAL NEWS

DEPARTMENT OF ENTOMOLGY

INDIRA GANDHI KRISHI VISHWAVIDYALAYA, RAIPUR (C.G.) 492012



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Born to serve the mankind.....

A brief glimpse of salient work and achievements of Entomology discipline during the month of January 2017.

Raipur

Teaching

- Regular teaching programmes of UG, PG and Ph.D. going on as per schedule.
- Members of entomology department performed duties as flying squad members, external examiner, observer etc. during the final theory examination 1st semester, 2016-17. As well as practical examination of different subjects as external examiner also being performed.

Research

- Different research works are going on in Bio-control laboratory with twelve bioagents out of which eight are insect bioagents and four are micro bioagents.

In bio-control laboratory important dignitaries visited viz.

- Forty students from Chiplima Sambalpur, OUAT Orissa visited bio-control laboratory on 11/01/2017 and saw the various types of bio-agents being reared.
- Dr. D.C. Rajak, Joint director, DPPQS, Faridabad visited Bio-control laboratory on 11/01/2017.
- Shri A. Chaudhary, Deputy Management Govt. of India, M.O. Agri. & Farmers Welfare, along with Shri P.S. Baghel and Shri Pargania (Agril. Deptt.) visited Bio-control laboratory on 12/01/2017.
- Dr. Brajesh Mishra, Asstt. Director (E) Central IPM Centre, Gorakhpur, visited Bio-control laboratory on 13/01/2017.
- Dr. M.A. Alam, Professor, Deptt. of Entomology, CoA, Rewa (M.P.) conducted Ph.D. Scholar viva-voce examination on 27/01/2017.
- Forty three students of Pt. Kishori Lal Udyaniki Mahavidyalaya, Rajnandgaon visited Bio-control laboratory alongwith two staff members on 28/01/2017.

Extension

- Dr. V. K. Dubey, Professor & Head, on 17th January 2017 delivered a lecture on the topic "An introduction to IPM" to fifty extension personnels of the state department of Agriculture at SAMETI.
- Dr. (Smt.) Jayalaxmi Ganguli, Associate Professor and Smt. Rashmi Gauraha, Technical Assistant, performed live demonstration of Bio-agents at the venue of CoA, IGKV Raipur beside of "Rastriya Krishi Mela" from 27-th 31th January, 2017.
- Under "Hamar Chhattisgarh" programme around 1601 farmers visited from different districts to the bio-control laboratory observed the exhibition and saw the live bioagents being displayed. Farmers belonged to district Raigarh, Jashpur Balod, Narayanpur, Bilaspur, Korba, Surguja, Mungeli, Balrampur visited in Bio-control laboratory exhibition from 18th December to 17th January, 2016.
- Rastriya Krishi Mela organized from 27th -31st January, 2017 in which departmental activities were shown in E-11 and E-13 units provided by the University. Teachers, scientists and students of UG, PG and Ph.D. participated also different lectures were delivered by the staff members for the farmers.

RMD CARS Ambikapur

- Under AICRP (Honeybee & pollinators) based on the objectives the honey bees and pollinators on mustard, buckwheat, niger, coriander, arhar, peas crops conducted. Nesting behaviour/preferences, management of swarming and absconding in *A. cerana*, survey and surveillance for bee diseases and enemies are being recorded to fulfill the objectives.



Honeybees apiaries have been reported to be damaged by bear attack.

Publication

- Shoot gall psylla, *Apsylla cistellata*- A serious pest of mango in Surguja of Chhattisgarh. By G.P.Painkra published on Vidyawarta Interdisciplinary Multilingual Refereed Journal from Beed (MS) Jan. to Mar. 2017 pp 068-069. Impact factor – 4.014.

"Myiasis is a disease of man and other animals caused by infestation by the larvae of Diptera"



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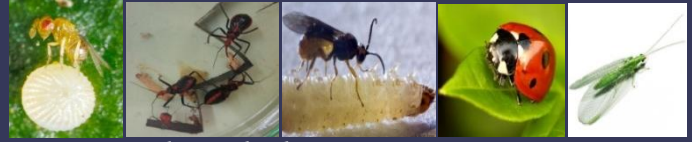


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A brief glimpse of salient work and achievements of Entomology discipline during the month of December 2016.

Raipur

Teaching

- Regular teaching programmes of UG, PG and Ph.D. going on as per schedule.
- Faculty members performed duties as external examiner in RHWE examination of Horticulture faculty.
- Members of entomology department performed duties as flying squad members, external examiner, observer etc. during the final theory examination 1st semester, 2016-17. As well as practical examination of different subjects as external examiner also being performed.
- 15 M.Sc. (Ag.) Final year & 08 Ph.D. students doing their research work. Out of these students three are pursuing their research work at National institutes i.e. Mr. Sunil Kumar S.M. at NBAIR, Bangalore, Mudavath Santhosh Kumar (M.Sc.) at IIRR, Rajendranagar Hyderabad and Agale Sandip Vishwanath (Ph.D.) at ICRISAT, Hyderabad.

Research

- AICRP on Rice, NICRA and Soybean is about completion in this season, Pigeon pea is continued.
- Different research works are going on in Bio-control laboratory with 12 bioagents out of which 8 are insect bioagents and 4 are micro bioagents.

In bio-control laboratory important dignitaries visited viz.

- the ICAR monitoring and review team, Dr. D. K. Marothia SPC, CG Govt. and President National Institute of Ecology, New Delhi and Dr. Brij Gopal, Ex-Professor, Jawahar Lal Nehru University, New Delhi on 20-21st November, 2016 along with HVC IGKV, Raipur.
- Dr. Anil Negi, Scientist, Member Accreditation team of forestry, ICFRE, Deheradhun and Dr. Ram Prasad Singh, Retd. Chief conservator of Forestry (External Expert) on 22nd November, 2016.
- Dr. S.K. Panda, Professor & Head, Deptt. of Entomology, CoA, OUAT, Bhubaneswar (Odisha) on 26/12/2016.
- On 1st December, 2016 the **work plan and review** meeting chaired by Hon'ble Vice Chancellor, IGKV, Raipur attended by the department persons.

Extension

- Dr. (Smt.) Jayalaxmi Ganguli, Associate Professor and Smt. Rashmi Gauraha, Technical Assistant, performed live demonstration of Bio-agents at the venue of auditorium on the occasion of "Soil Health day" on 05/12/2016.
- Under "Hamar Chhattisgarh" programme around 550 farmers visited from different districts to the bio-control laboratory observed the exhibition and saw the live bioagents being displayed. Farmers belonging to district Dhamtari, Kondagaon, Bastar, Bijapur, Raigarh, Jashpur, Balod, Narayanpur visited in Bio-control laboratory exhibition during 18th November to 17th December, 2016.

Capacity building

- Dr. (Smt.) Jayalaxmi Ganguli, Associate Professor, attended training programme (10 days) on "Production protocol for Bio-fertilizers and bio-pesticides" from 01/11/2016 to 10/11/2016 at National Institute for Plant Health Management (NIPHM) Hyderabad.

SKCARS & KVK, Kawardha

- One Project entitled "Assessment of IPM tools for the management of *Helicoverpa armigera* in Chickpea" sanctioned for two years and initiated from Rabi 2016 at SK,CARS and KVK, Kawardha with a budget outlay of Rs. 5.20 lakh in which PI is Dr. V. K. Soni and CoPI are Dr. (Smt.) Jayalaxmi Ganguli and Dr. B. P. Tripathi.
- Establishment of *Trichogramma* bio-pesticide unit at Kawardha for the period 2016-18 costing Rs. 2.0 lakh.

KVK, Rajnandgaon

- Mr. I. K. Sahu, organized 6 day training for "Employment generation on lac production technique" during 26th to 31st December, 2016 under MANREGA programme of Jila Panchayat Rajnandgaon.
- I. K. Sahu SMS, KVK, Rajnandgaon Nodal Officer- seed hub pulses initiated seed production programme of chickpea field in 80 ha areas.

Award

- One Ph.D. Scholar Mr. Chandramani Sahu, received "Scientist Associate Award" on the occasion of National Conference on Innovative and Current Advances In Agriculture & Allied Sciences (ICAAAS-2016) during 10-11 December, 2016 held at Prof. Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad (Telangana).

Insects are the most diversified and abundant creature there are 10 quintillion (10¹⁸) insects on the earth meaning for every human being about 10,000 insects are there"