



ESC2024: QUICK GUIDE FOR VIRTUAL PRESENTATIONS (21-23, Feb 2024)

Day	Time	Hall 1 Seminar Hall, Department of Entomology, UAS, Bengaluru		Hall 2 Seminar Hall, Department of Apiculture, UAS, Bengaluru
Day 1	Morning	Inaugural session Time: 9.00 AM	Session 1 (Biodiversity and taxonomy) ZOOM LINK BELOW Time:10.30 AM; Abstract nos. 17	Session 2 (Beneficial insects) Google meet LINK BELOW Time: 10.30 AM Abstract nos. 9
	Afternoon	Session 4 (Biological control) ZOOM LINK BELOW Time: 2.00 PM Abstract nos. 25		Session 3 (Integrated pest management) Google meet LINK BELOW Time: 2.00 PM Abstract nos. 15
		Special Session: Opportunities for Young Entomologists in Private Industry Time: 4.30 PM		
Day 2	ESI Foundation Day and Award Ceremony			
Day 3	Morning	Session 6 (Insect toxicology) ZOOM LINK BELOW Time:10.30 AM; Abstract nos. 31		Session 5 (Climate change and insects, industrial entomology and non-insect pests of crops) Google meet LINK BELOW Time: 10.30 AM; Abstract nos. 12
	Afternoon	Session 8 (Host plant resistance) ZOOM LINK BELOW Time: 2.00 pm am; Abstract nos. 23		Session 7 (Insect physiology, insect vectors, molecular advances in Entomology) Google meet LINK Time: 10.30 am; Abstract nos. 14
		Valedictory – 4.30 PM		

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/82012013974?pwd=RVFNWi9kQWszbFJMcHhvd3lxUDRpUT09>

Meeting ID: 820 1201 3974

Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023

Wednesday, February 21 · 10:00am – 6:00pm

Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



SCHEDULE FOR ESC2024: VIRTUAL PRESENTATIONS

Day 1: 21 February 2024 (Wednesday)

Inauguration ceremony (9.00 AM – 10.15 AM)

ESC2024 VIRTUAL PRESENTATIONS SCHEDULE

SESSION 1 - THEME: BIODIVERSITY AND TAXONOMY

Venue: Seminar Hall, Department of Entomology, UAS, Bengaluru

Chairman: Dr. Ankita Gupta, NBAIR, Bengaluru

Session convenor: Dr. Rachana R.R., NBAIR, Bengaluru

Rapporteur: Dr. Nithya Chandran, IARI, New Delhi; Ms. Snehal Thavkar, PDVK, Nagpur and Ms. K. Sindhura Bhairavi, AAU, Assam

10.30 AM	BTVP1	Diversity of storage insect pests and their natural enemies infesting maize	Chinmayi S and Sunitha ND
10.35 AM	BTVP2	<i>Liriomyza</i> sp. in Tamil Nadu: Identity revealed and controversy unveiled	S Aisvarya, T Elaiyabharathi, R Srinivasan, M Murugan and M Shanthi
10.40 AM	BTVP3	Taxonomy and genetic diversity of paddy gundhi bugs, <i>Leptocorisa</i> spp. in India	S Lahari and CM Kalleshwaraswamy
10.45 AM	BTVP4	Spider mite diversity in College of Agriculture campus, Shivamogga, Karnataka	P Dyamanagouda, K Rajashekharappa and C Chinnamadegowda
10.50 AM	BTVP5	Collection of hymenopteran parasitoids from rice ecosystems of central Kerala	Vismaya Sarangi AS, Smitha MS, Mani Chellappan, Haseena Bhaskar, Smitha Revi and Sajitha Vijayan M
10.55 AM	BTVP6	A short project on documenting butterfly population in ecopark	Sandeepa Chowdhury
11.00 AM	BTVP7	Diversity and of the blue banded bees, <i>Amegilla</i> spp. (Hymenoptera: Apidae)	Thanu CN, Mani Chellappan, Berin Pathrose, Smitha MS, Ranjith MT and M Shaji
11.05 AM	BTVP8	Insect pest complex of sunflower, <i>Helianthus annuus</i> L. under different urea and nano urea management practices	Rupam Das Prarthna Rajkumari, Wangpon Konyak, Pura Sunya
11.10 AM	BTVP9	First report of a new invasive thrips, <i>Thrips parvispinus</i> (Karny) (Thysanoptera: Thripidae) in cowpea (<i>Vigna unguiculata</i>) in South India	M Safna, Berin Pathrose, RR Rachana and Mani Chellappan
11.15 AM	BTVP10	Arthropod diversity and community structure of Insects in chickpea ecosystem	Anithaa V, Chatterjee Hirak, Mondal Palash and Bhattacharya Swarnali
11.20 AM	BTVP11	Study on biodiversity of insects on medicinal crops in Jabalpur	Priyal Choudhary and Amit Kumar Sharma
11.25 AM	BTVP12	Insect faunal diversity and impact of bee pollination on certain medicinal crops: A preliminary study under mid-hills of Himachal Pradesh, India	Priyanka Rani, Raj Kumar Thakur and Meena Thakur

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUDRnLTU09>

Meeting ID: 820 1201 3974

Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023

Wednesday, February 21 - 10:00am – 6:00pm

Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



11.30 AM	BTVP13	Diversity of insect pollinators on pearl millet	Amar Singh, MM Kumawat and NL Dangi
11.35 AM	BTVP14	Comparative biology and morphometric studies of pink bollworm, <i>Pectinophora gossypiella</i> (Saunders) (Lepidoptera: Gelechiidae) on <i>Bt</i> and non- <i>Bt</i> cotton	Shashank DU, Poornima V Matti, Marri Keerthana and Priya
11.40 AM	BTVP15	A study on the laelapid mites of north Bengal region of West Bengal	Payel Kar and Krishna Karmakar
11.45 AM	BTVP16	Present status of laelapidae mites (Acari: Mesostigmata) in India	Pritha Bandyopadhyay and Krishna Karmakar
11.50 AM	BTVP17	Population dynamics and seasonal incidence of major insect pests of okra, <i>Abelmoscus esculentus</i> L. in mid hills of Meghalaya	Karishma Kalita, Mahesh Pathak, Jyotim Gogoi, Ansh Raj and Deepika Sorahia

SESSION 2 - THEME: BENEFICIAL INSECTS

Venue: Seminar Hall, Department of Apiculture, UAS, Bengaluru

Chairman: Dr. T.M. Shivalingaswamy, NBAIR, Bengaluru

Session convenor: Dr. Richa Varshney, NBAIR, Bengaluru

Rapporteur: Ms. Jessa Joseph, IIHR, Bengaluru and Mr. Priyanshu Pawar, IARI, New Delhi

10.30 AM	BVP1	Diversity and foraging ecology of pollinators on onion flowers and their impact on onion seed production	M Pushpalatha, Chidanand S Patil, Kaushik Banerjee, Dyaneshwar M Firake, Dyaneshwar B Kshirsagar and Somnath A Pawar
10.35 AM	BVP2	Nanoparticles effect on morpho-histology of Eri silkworm, <i>Samia cynthia ricini</i> (Boisduval)	HiaKalita, Mahesh Pathak, Bimal Kumar Sahoo, Sikha Haritha, Pranab Dutta, Raghubir Patidar and Kennedy Ningthoujam
10.40 AM	BVP3	Assessment of bee forage resources in different forest ecosystems at Kodagu region of the Western Ghats through Melissopalynology	CN Nidhi, RN Kencharaddi and SM Haldhar
10.45AM	BVP4	Diversity, abundance and foraging behaviour of insect pollinators in Litchi (<i>Litchi chinensis</i> Sonn.)	Pooja Kumari and JS Choudhary
10.50 AM	BVP5	Impact of stingless bee (<i>Tetragonula iridipennis</i>) pollination on watermelon (<i>Citrullus lanatus</i>)	Tiasangla Jamir, Lakshu Pungyambam and Nilotoli Zhimo
10.55 AM	BVP6	Selecting high royal jelly yielding strains of <i>Apis mellifera</i> L. for evaluating breeding lines	Simran Bhatia, Kiran Rana, Meena Thakur, Suraj Bhan and Sawraj Jit Singh
11.00 AM	BVP7	Impact and selectivity of insecticides to predators in groundnut	Burjikindi Madhuri, Rohini Sugandi, Kolli Bharghavi, Subhash B Kandakoor and BS Yenagi
11.05 AM	BVP8	Natural occurrence of beneficial insects of fall armyworm, <i>Spodoptera frugiperda</i> in maize	KS Pagire, CS Patil, DM Firake and CS Chaudhari
11.10 AM	BVP9	Melissopalynological analysis of honeys from Indian northwestern Himalayas	Rohini Sharma and Meena Thakur

LUNCH BREAK

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kOWszbFJMcHhvd3lxUDRnLT09>

Meeting ID: 820 1201 3974

Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023

Wednesday, February 21 - 10:00am - 6:00pm

Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



SESSION 3 - THEME: INTEGRATED PEST MANAGEMENT

Venue: Seminar Hall, Department of Apiculture, UAS, Bengaluru

Chairman: Dr. Vijay Bhamare, VNMKV, Parbhani

Session convenor: Dr. Rajna S, IARI, New Delhi

Rapporteur: Ms. Lekshmi J K, TNAU, Coimbatore and Mr. G Santhosh Naik IARI, New Delhi

2.00 PM	IPMVP1	Bio-efficacy of poison baits against melon fruit fly, <i>Bactrocera cucurbitae</i> (Coquillett) in the open cucumber field	Kirpal V Chaudhary, Sachin R Patel and Dhruvi Ajudia
2.05 PM	IPMVP2	Eco-friendly management of shootfly <i>Atherigona approximata</i> Malloch in pearl millet	Shravya Savithri K and Prakash HT
2.10 PM	IPMVP3	Efficacy of methyl eugenol and cuelure traps for monitoring of cucurbit fruit fly (<i>Bactrocera spp.</i>) in different doses in pumpkin.	Puneet Chandra
2.15 PM	IPMVP4	Laboratory study of phytochemicals and repellency efficacy of powdery formulations, ethanol and crude extracts from three different chilli (<i>Capsicum</i> spp.) varieties against <i>Sitophilus oryzae</i> L. in stored wheat	Rakesh V, Pulin Patgiri and Abhijit Borah
2.20 PM	IPMVP5	Effect of different botanical extracts against <i>Spodoptera frugiperda</i> (in vitro condition)	K Madhesh, G Komala and R Chandreleka
2.25 PM	IPMVP6	Eco-friendly approaches for management of podfly, <i>Melanagromyza obtusa</i> (Malloch) in pigeonpea	R Krishna, V Rachappa, Raju G, Tegelli SG, Hanchinal and S Muniswamy
2.30 PM	IPMVP7	Perception of integrated pest management modules against guava tea mosquito bug, <i>Helopeltis antonii</i> Signoret	K Aravinthraju and K Suresh
2.35 PM	IPMVP8	Effect of seed dresser on sorghum germination, yield, and oviposition of <i>Atherigona soccata</i>	Sakshi Saxena and Ashok Badaya
2.40 PM	IPMVP9	Comparing the susceptibility of stored wheat and rice grain store against rice weevil, <i>Sitophilus oryzae</i> (L.) infestation	Marri Keerthana, Palash Mondal, Shashank DU and Priya
2.45 PM	IPMVP10	Evaluation of botanicals against insect pest complex of fenugreek (<i>Trigonella foenumgraecum</i> L.)	Pradeep K Chandra, Waluniba and HS Devi
2.50 PM	IPMVP11	Efficacy of plant-based silica products against <i>Callosobruchus chinensis</i> (Linnaeus), in chickpea	BV Jayanth, A Padmasri, Shashikala M and Gundreddy Rajareddy
2.55 PM	IPMVP12	Evaluation of different ready-mix insecticides against the insect pest of sesame	Divyesh A Akbari and RM Patel
3.00 PM	IPMVP13	Management of greater wax moth (<i>Galleria mellonella</i> L.) using botanicals and microbial biopesticides under storage conditions	G Komala and Devina Seram
3.05 PM	IPMVP14	Management of red flour beetle of sesame through enhanced hermetic storage	B Sundar, R Vishwakarma, P Duraimurugan and AK Bhowmick
3.10 PM	IPMVP15	Seasonal activity and control of major	Sheeren Parveen,

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3l3UDRnUT09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am - 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



		insect pests of vegetable pea	Abhishek Shukla and AK Panday
BREAK			
SESSION 4 - THEME: BIOLOGICAL CONTROL			
Venue: Seminar Hall, Department of Entomology, UAS, Bengaluru			
Chairman: Dr. R A Balikai, UAS, Dharwad Session convenor: Dr. Naveena NL, KSNUAHS, Shivamogga Rapporteur: Ms. Darshana Brahma, IIHR, Bengaluru and Ms. N Aarthi, IGKV, Raipur			
2.00 PM	BCVP1	Contact toxicity of various insecticides against egg parasitoid, <i>Trichogramma chilonis</i> Ishii under laboratory condition	Dhruvi Ajudia, Mukesh Siddhapara and Kirpal V Chaudhary
2.05 PM	BCVP2	Toxicity and demographic effects of fungicides on the predatory mite, <i>Neoseiulus longispinosus</i> (Evans) (Acari: Phytoseiidae)	Prajival Sharma, Prem Lal Sharma and Shubham Sharma
2.10 PM	BCVP3	Synergizing mustard crop defense: Maximizing natural enemy impact via intercropping with peas and abiotic factors	Nang Sena Manpoong and Dnyaneshwar M Firake
2.15 PM	BCVP4	Field life tables of major insect pests of rabi sorghum	SK Meena and VK Bhamare
2.20 PM	BCVP5	Studies on colonization efficacy of endophytic entomopathogenic fungus, <i>Beauveria bassiana</i> on rice brown planthopper (BPH), <i>Nilaparvata lugens</i> Stal (Hemiptera: Delphacidae)	SS Monica, P Rajanikanth, P Duraimurugan and SJ Rahman
2.25 PM	BCVP6	Humoral immune response studies in <i>Spodoptera litura</i> (Fabricius) to the potential entomopathogens	Adama Thanuja, SJ Rahman, P Rajanikant and Bharati N Bhat
2.30 PM	BCVP7	Efficacy of different essential oils against aphid (<i>Aphis craccivora</i> Koch) in green gram (<i>Vigna radiata</i> L.)	Siranjib Sonowal, Prarthna Rajkumari, Nirmali Borah, Budha Bora, Pranjal Pratim Neog and Birinchi Kumar Borah
2.35 PM	BCVP8	Seasonal parasitization of <i>Cotesia flavipes</i> Cameron against top borer <i>Scripophaga excerptalis</i> Walker	Abinaya S and Anil Kumar
2.40 PM	BCVP9	Effect of low temperature storage on shelf life of predatory mite, <i>Neoseiulus longispinosus</i> Evans.	Nikshubha Sharma and PL Sharma
2.45 PM	BCVP10	Bio efficacy of <i>Cleistanthus collinus</i> Roxb extract against stem borer of summer rice	M Gadekar, RK Panse, S B. Das and S Patnaik
2.50 PM	BCVP11	Evaluation of entomopathogenic fungi against cassava mealybug, <i>Phenacoccus manihoti</i> Matile-Ferrero (Hemiptera: Pseudococcidae)	Fasna Sherin K, Smitha Revi, Mani Chellappan, Madhu Subramanian and Anitha S
2.55 PM	BCVP12	Morphological and molecular characterisation of native isolates of <i>Purpureocillium lilacinum</i> (Thom) from Kerala, India	Sruthi AB, Deepthy KB, Haseena Bhaskar and Mani Chellappan
3.00 PM	BCVP13	Bio-insecticidal effect of neem oil nano-emulsion	Anjana M, Smitha MS, Berin Pathrose, Mani Chellappan and Vimala Jose

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMclhvd3lxUDRnUT09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am - 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



3.05 PM	BCVP14	Biosynthesis of silver nanoparticle using entomopathogenic fungi: Eco-friendly insecticidal agents for sustainable pest management	Meera Krishna B, Sreeja P, Smitha MS, Mani Chellappan and Bineetha NN
3.10 PM	BCVP15	Predatory potential and biology of <i>Chrysoperla zastrowi sillemi</i> (Esben-Petersen) against <i>Aphis pomide</i> Geer on different apple varieties	Nikita Chauhan, PL Sharma and SC Verma
3.15 PM	BCVP16	Population dynamics of aphid, <i>Aphis craccivora</i> Koch in fenugreek, <i>Trigonella foenum-graecum</i>	Shreya Mishra and Shalini Pandey
3.20 PM	BCVP17	Efficacy of nucleopolyhedrovirus (SfNPV) and insecticides alone and in combination against fall armyworm, <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae) infesting maize.	Pavan JS, Nainesh B Patel and Raghunandan BL
3.25 PM	BCVP18	Effect of biopesticides on morphometry of pupa and adults of <i>Chrysoperla zastrowi sillemi</i> in the subsequent generation	Moirangthem Monalisa Devi, S. Mukherjee and Khumukcham Ibohal Singh
3.30 PM	BCVP19	Studies on management of insect pests of rose using entomopathogenic fungi and NSKE	Ritu Pandey and AK Panday
3.35 PM	BCVP20	Population dynamics of rice weevil <i>Sitophilus oryzae</i> L. under stored condition in comparison with different botanicals	SR Binseena and N Anitha
3.40 PM	BCVP21	Compatibility assessment of <i>Bacillus thuringiensis</i> with insecticides under laboratory condition	Shashikala M, JP Purwar, BV Jayanth and Gundreddy Rajareddy
3.45 PM	BCVP22	Efficacy of some biopesticides against fall armyworm (FAW) <i>Spodoptera frugiperda</i> (J.E. Smith) infesting maize	Prachi Patil, Sushant Patil and AS Bagde
3.50 PM	BCVP23	Molecular characterization and pathogenicity of native isolates of <i>Beauveria bassiana</i> against legume aphid <i>Aphis craccivora</i> (Hemiptera: Aphididae)	Nimisha T, Deepthy KB, Haseena Bhaskar and Mani Chellappan
4.55 PM	BCVP24	Dynamics and potential of <i>Diaeretiella rapae</i> in controlling cabbage aphid (<i>Brevicoryne brassicae</i>) on Kale in Central Kashmir	Anik Bhattacharjee
4.00 PM	BCVP25	<i>Tetrastichus howardi</i> (Olliff) (Hymenoptera: Eulophidae): A pupal endoparasitoid of sugarcane borer	Ankit Kumar Mishra, Arun Baitha, Deepmala Kurre and Anuj Kumar

Day 3: 23 February 2024 (Friday)

SESSION 5 - THEME: CLIMATE CHANGE AND INSECTS, INDUSTRIAL ENTOMOLOGY AND NON-INSECT PESTS OF CROPS

Venue: Seminar Hall, Department of Apiculture, UAS, Bengaluru

Chairman: Dr. Sachin S. Suroshe, AICRP HB&P, New Delhi

Session convenor: Dr. Shashank, P.R. IARI, New Delhi

Rapporteur: Hemant Kumar Sahu, IARI, New Delhi and Mr. Neelakanta Rajarushi Chava, IARI, New Delhi

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUDRnUT09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am - 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



10.30 AM	CCVP1	Foraging activity and pollination efficiency of dammer bee, <i>Tetragonula iridipennis</i> Smith in coriander and onion	B Saaivignesh and S Arivudainambi
10.35 AM	CCVP2	Exploring the potential of Ericulture and its byproduct utilisation in Tamil Nadu	Anujaa B, DB Undirwade and S Arivudainambi
10.40 AM	CCVP3	Influence of weather factors on the seasonal occurrence of yellow stem borer, gall midge, and leaf folder in rice (<i>Oryza sativa</i> L.)	A Akanksha, N Humane, DB Undirwade and BN Choudhari
10.45 AM	CCVP4	Effect of different weather conditions on the incidence of sucking pests of groundnut	N Priyanka, O Shaila, M Anuradha and V Divya Rani
10.50 AM	CCVP5	Population dynamics of major insect pests associated with soybean	Darapureddy Naga Sai Satya Swaroopa, DG More, VK Bhamare, DS Mutkule and SJ Magar
10.55 AM	CCVP6	Population dynamics of jassid, <i>Amrasca biguttula biguttula</i> (Ishida) infesting okra and its relationship with weather parameters	Barot Ruta Chandravadanbhai and SD Patel
11.00 AM	CCVP7	Temporal dynamics of rice stem borer (<i>Scirpophaga incertulas</i> Walker) and its relationship with meteorological parameters	Hatwar Nikhil Khemrajji, VN Jalgaonkar and KV Naik
11.05 AM	CCVP8	Population dynamics of coccinellid predators on maize crop	Madhu Kumari, Anjali Manhar and Shilvi Yadav
11.10 AM	CCVP9	Population dynamics of <i>Scirtothrips dorsalis</i> (Hood) infesting chilli and their interaction with meteorological conditions	Kalyanam Sai Ishwarya Lakshmi and Ashwani Kumar
11.15 AM	CCVP10	Influence of abiotic factors on population dynamics of major insect pests and their natural enemies in broccoli (<i>Brassica oleracea</i> L.var. <i>italica</i>)	Hariharan S, C Narendra Reddy, D Anitha Kumari, M Venkateswara Reddy and G Sridevi
11.20 AM	CCVP11	Effect of weather parameters on infestation of mango leafcutting weevil, <i>Deporaus marginatus</i> Pascoe	Khimani VM and Chavan SM
11.25 AM	CCVP12	Climatic factors affecting the incidence of <i>Thrips simplex</i> on <i>Gladiolus grandiflorus</i> L. in Kashmir	Sheikh Salma Irshad, Munazah Yaqoob, Fehim J Wani, Sajad H Mir, Arif H Wani, Liyaqat Ayoub,

Break

SESSION 6- THEME: INSECT TOXICOLOGY

Venue: Seminar Hall, Department of Entomology, UAS, Bengaluru

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUjRnLTU09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am – 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



Chairman: Dr. M. Mohan, NBAIR, Bengaluru

Session convenor: Dr. Suresh M. Nebapure, IARI, New Delhi

Rapporteur: Penuballi Swathi, KAU, Thrissur and Santhrupthi B, GKVK, Bengaluru

10.30 AM	TVP1	Field bioefficacy of some insecticides and biopesticides against paddy stem borer, <i>Scirpophaga incertulas</i> (Walker)	Shivangi Maheshwari
10.35 AM	TVP2	Development and evaluation of chlorantraniliprole based nanoformulation against <i>Helicoverpa armigera</i> (Hübner)	Geeta Devi, Lomash Kumar, Rahul Kumar, Rahul Saini and Anil Kumar
10.40 AM	TVP3	Estimation of residue level and dissipation pattern of imidacloprid in boro rice	Srishti Choudhury
10.45 AM	TVP4	Dissipation dynamics and residual behaviour of combi formulation, hexythiazox 3.5 % + diafenthiuron 42 % WDG in chilli fruits grown under field conditions using UHPLC- DAD	Sanhita Chowdhury
10.50 AM	TVP5	Determination of co-toxicity co-efficient for inert minerals in combination with spinosad against pulse beetle, <i>Callosobruchus maculatus</i> in stored blackgram	Maharaj Satwika, T Madhumathi, B Ratna Kumari and V Prasanna Kumari
10.55 AM	TVP6	Susceptibility of rice leaf folder <i>Cnaphalocrocis medinalis</i> (Guenee) (Lepidoptera: Crambidae) to quinalphos in Kuttanad, Kerala	Seena R Subhagan, Berin Pathrose, Mani Chellappan and Ranjith MT
11.00 AM	TVP7	Potentiality of some botanicals against rice weevil (<i>Sitophilus oryzae</i> Linnaeus) on wheat grains under different temperature regimes	Reem Mohammad, Subhalaxmi Roy, Bijoy Kumar Mishra and Prajna Pati
11.05 AM	TVP8	Screening of insecticide resistance and mechanisms involved in <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae)	Harsha Thomas, Ranjith MT, Mani Chellappan and Berin Pathrose
11.10 AM	TVP9	Exploring the efficacy of insecticide seed treatment to combat <i>Spodoptera frugiperda</i> infestation in maize	Rakesh Kumar Behera, GK Mahapatro and Murali Mohan K
11.15 AM	TVP10	Effect of newer insecticides against major insect pests of brinjal	RS Salve, MM Sonkambale and PS Neharkar
11.20 AM	TVP11	Study on dissipation and persistence of emamectin benzoate in Chilli	Abhibandana Das
11.25 AM	TVP12	Insecticidal efficacy of selected agro-waste against stored grain pest, <i>Sitophilus oryzae</i>	Shruti Samson and Kamin Alexander
11.30 AM	TVP13	Management of red flour beetle, <i>Tribolium castaneum</i> in greengram using botanicals	Banna Ushasri

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUDRnLT09>

Meeting ID: 820 1201 3974

Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023

Wednesday, February 21 - 10:00am – 6:00pm

Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



11.35 AM	TVP14	Assessment of insecticide resistance and fitness cost in <i>Spodoptera litura</i> (Fabricius) to certain commonly used insecticides in vegetable crop ecosystem	Katla Sowmya, R Sunitha Devi, P Rajanikanth and B Rajeswari
11.40 AM	TVP15	Management of rice moth, <i>Corcyra cephalonica</i> by botanical powders in stored groundnut kernels	Gita S Jadav and Sushma Deb
11.45 AM	TVP16	Evaluation of effective biorational pesticides in the management of leaf miner, <i>Aproaerema modicella</i> (Deventer) in rainfed groundnut	SV Sangeetha, K Ganesan and RP Soundararajan
11.50 AM	TVP17	Insecticidal management of leafhopper (<i>Empoasca</i> sp.) complex in castor crop	Shambhavi HT, Kopparthi Amrutha Valli Sindhura and Shivaprasad M
11.55 AM	TVP18	Bioefficacy of insecticides against pod borer complex infesting pigeon pea	Sayantani Nath, Ram P Raut, VN Nadanwar and Soumya S Dash
12.00 PM	TVP19	Susceptibility status of mustard aphid, <i>Lipaphis erysimi</i> K. in the populations of Haryana against different insecticides	Kanchan Kadawla, Surender Singh Yadav and Krishna Rolania
12.05 PM	TVP20	Population dynamics and bioefficacy of newer insecticides on major insect pests of rice (<i>Oryza sativa</i> L.)	Prerana SB and RS Meena
12.10 PM	TVP21	Studies on the seasonal incidence of citrus psylla during Ambia bahar	Pavanputra V, Dawane N P, Wadaskar RM, Tambe JV and Raut UV
12.15 PM	TVP22	Evaluation of eco-friendly insecticides against major insect pests of rice under eastern Uttar Pradesh conditions	Gyan Prakash Morya
12.20 PM	TVP23	Studies on the efficacy of biofumigants against different stored grain insects	Rabbani Sab, Sushila Nadagouda, Prabhuraj A, Pramod Katti and Udaykumar Nidoni
12.25 PM	TVP24	Efficacy of different essential oils for the management of rice weevil (<i>Sitophilus oryzae</i>) on stored wheat.	Abin Ghosh and Usha Yadav
12.30 PM	TVP25	Foremost documentation of fairyflies (Hymenoptera: Chalcidoidea: Mymaridae) from Nagaland, India	Anand N, A Rameshkumar and SI Kazmi
12.35 PM	TVP26	Efficacy of insecticides and biopesticides against white grub, <i>Phyllognathus dionysius</i> (Fabricius) infesting sugarcane in western Maharashtra	Aditya Patil, Balkrishna Rathour and AS Bagde
12.40 PM	TVP27	Diatomaceous earth as an alternative to chemical fumigants for stored grain pests: A sustainable approach	Amit Shekhar, M Raghuraman and Ranjeet Kumar

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUDRnU09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am – 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



12.45 PM	TVP28	Comparative efficacy of selected chemicals and biopesticides against diamondback moth (<i>Plutella xylostella</i>) on cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>)	Anindita Roy and Ashwani Kumar
12.50 PM	TVP29	From field to fork: How cooking methods impact pesticide residue removal in rice	Bhumi D Barad and Kaushik D Parmar
12.55 PM	TVP30	Biochemical responses, cross-resistance and stability of resistance to chlorantraniliprole in <i>Plutella xylostella</i> (Lepidoptera: Plutellidae)	KS Ashoka, PS Neharkar, MM Sonkamble and AG Lad
1.00 PM	TVP31	Bio efficacy of different insecticides against pest complex of brinjal and its residue estimation	Hiral G Patel and Tushar M Senjaliya

Afternoon sessions

SESSION 7: INSECT PHYSIOLOGY, INSECT VECTORS, MOLECULAR ADVANCES IN ENTOMOLOGY

Venue: Seminar Hall, Department of Apiculture, UAS, Bengaluru

Chairman: Dr. S. Subramanin, IARI, New Delhi

Session convenor: Dr. Sagar D, NBAIR, New Delhi

Rapporteur: Nandhini D, IARI, New Delhi and Naveen, UAS, Dharwad

2.00 PM	PMVP1	Comparative susceptibility of different public sector <i>Bt</i> cotton hybrids containing stacked <i>Bt</i> genes against <i>Earias vittella</i> (Fab.) and <i>Pectinophora gossypiella</i> (Fab.) in India.	BA Thakre and VK Bhamare
2.05 PM	PMVP2	Elucidating the early events of <i>Plasmodium</i> transmission in <i>Anopheles stephensi</i>	Alok Dubey and RKChaitanya
2.10 PM	PMVP3	Distribution of genetic groups of <i>Bemisia tabaci</i> in Chhattisgarh	Archita Das and Sridhar J
2.15 PM	PMVP4	Exploring insect model system for elucidating therapeutic potential of extracellular vesicles for burn sepsis treatment	Jaspreet Kaur and Narender K Dhanra
2.20 PM	PMVP5	Comparative assessment of the <i>in vitro</i> insecticide degradation abilities of diverse gut bacteria associated with rice stem borer complex	Subrata Goswami, SB Das and PC Rath
2.25 PM	PMVP6	Functional and chemical characterization of mandibles and mandibular glands of <i>Oecophylla smaragdina</i> worker ants	Jyothika Biju, Sreelakshmi S and Majesh Tomson
2.30 PM	PMVP7	A PCR-based technique for rapid detection of cassava mealybug, <i>Phenacoccus manihoti</i> Matile-Ferrero	Jasti Sri Vishnu Murthy, Mani Chellappan and Ranjith MT

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcElhvd3lxUDRnLTU09>

Meeting ID: 820 1201 3974

Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023

Wednesday, February 21 - 10:00am - 6:00pm

Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



2.35 PM	PMVP8	Characterization of chitin extracted from <i>Tribolium castaneum</i> and <i>Sitophilus oryzae</i> , two economically important storage pests	Anurupa Mistry
2.40 PM	PMVP9	A functional genomics approach to identify candidate effectors from the cotton mealybug <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae)	Anand Bahadur, Shatrughan Shiva, Manisha Singh, Shalini Srivastava and Praveen C Verma
2.45 PM	PMVP10	Molecular characterization and expression studies of RNAi machinery genes in pink mealybug, <i>Maconellicoccus hirsutus</i> (Green) (Hemiptera: Pseudococcidae)	Chinmay M Oshimath, Gandhi R Gracy, Nikita Negi, Ashwitha Gopal, Venkatesan Thiruvengadam and Srinivas Reddy KM
2.50 PM	PMVP11	A study on growth, development and feeding efficiency of muga silkworm, <i>Antheraea assamensis</i> Helfer reared on different host plants	Eva Rani Hazarika and Dipsikha Bora
2.55 PM	PMVP12	Studies on vectors and vector borne diseases of brinjal in West Bengal	Prakriti Santra and Bijan Kumar Das
3.00 PM	PMVP13	Variations of circulating hemocytes populations in response to plant growth regulator Gibberellic acid (GA3) in <i>Poeciloceris pictus</i>	Priyanka Gupta and Versha Sharma
3.05 PM	PMVP14	Effect of temperature and photoperiod on diapause induction in north Indian population of pink bollworm	Divya Bharti, Naveen Aggarwal and Rishi Kumar

SESSION 8: HOST PLANT RESISTANCE AND INSECT ECOLOGY

Venue: Seminar Hall, Department of Entomology, UAS, Bengaluru

Chairman: Dr. Jagadish K.S., UAS, Bengaluru

Session convenor: Dr. Rajendra prasad, B. S., UAS Bengaluru

Rapporteur: Ms. Ramya A R, TNAU, Coimbatore and M.N. Rudra Gouda, IARI, New Delhi

2.00 PM	HPRVP1	Estimation of Nitrogen content of healthy and Polyphagotarsonemus latus infested leaves of selected chilli entries	Keerthana B and Sumathi E
2.05 PM	HPRVP2	Biology of corn leaf aphid, <i>Rhopalosiphum maidis</i> (Fitch) infesting maize	Parmar Rachana Hareshbhai and Manish R Dabhi
2.10 PM	HPRVP3	Comparative performance of field pea (<i>Pisumsativum</i> L.) Genotypes against pod borer (<i>Helicoverpa armigera</i>)	Subhashree Patnaik, M Gadekar and SB Das

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUDRnLTU09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am - 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



2.15 PM	HPRVP4	To study the morphological parameters of Sesame for relative susceptibility to major sucking insect-pests.	Kiran Thakur and Anand Kumar Panday
2.20 PM	HPRVP5	Interspecific interaction of <i>Spodoptera frugiperda</i> (J.E. Smith) with <i>Chilo partellus</i> (Swinhoe)	Sahana M, CP Mallapur, DN Kambrekar, Rakshitha TN, Saleemali Kannihalli and
2.25 PM	HPRVP6	Evaluation of various developmental aspects and growth parameters of <i>Spodoptera frugiperda</i> feeding on different host plants	Mridula and Naveen Aggarwal
2.30 PM	HPRVP7	Biology and morphometrics of pulse beetle, <i>Callosobruchus chinensis</i> L. on chickpea and screening of certain chickpea genotypes	Om Prakash Mishra, Kh. Ibohal Singh, SM Ibrar and Pranita Roy
2.35 PM	HPRVP8	Morphological basis of resistance in different chickpea genotypes against gram pod borer (<i>Helicoverpa armigera</i> Hübner)	Sabyasachi Ray and Amitava Banerjee
2.40 PM	HPRVP9	Comparative biology of <i>Sitophilus oryzae</i> Linnaeus populations collected from N India	Priyanka Kaundal, Kanchan Gangaram Padwal and CP Srivastava
2.45 PM	HPRVP10	Biology of <i>Callosobruchus chinensis</i> Linnaeus on different varieties of chickpea	Khedkar Pratiksha Balasaheb, AV Sable, VK Bhamare, DG More and YS Bhagat
2.50 PM	HPRVP11	Diversity of Odonata (Insecta) and physicochemical parameters of wetlands in human dominated landscape of Palakkad, Kerala	Dej Vignesh K
2.55 PM	HPRVP12	Exploring field margins: A bipartite network analysis of plant-flower visitor interactions in agricultural landscapes	Senthilraja N and Chandresh K Borad
3.00 PM	HPRVP13	Effect of different temperature on life-history traits of fall armyworm <i>Spodoptera frugiperda</i> (J.E. Smith)	Nishant Dilip Zatale and VK Bhamare
3.05 PM	HPRVP14	Spatial distribution and interspecific competitive displacement in temporal distribution of <i>Apis</i> species in coriander	Thakur Mandar Vijay and Neeraj Kumar
3.10 PM	HPRVP15	Seasonal abundance and eco-friendly management of <i>Pieris canidia</i> (Sparmann) on cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.)	Lakshu Pungyambam, Waluniba, Tiasangla Jamir and Nilotoli Zhimo
3.15 PM	HPRVP16	Evaluation of soybean genotypes for resistance to tobacco caterpillar in Manipur	Kumar Akash Deep and Nilima Karam

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUjRnLTU09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am - 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>



3.20 PM	HPRVP17	Screening of different germplasm lines of niger (<i>Guizotia abyssinica</i>) against major insect pests	Deepali Vishwakarma, Anand Kumar Panday and Surabhi Jain
3.25 PM	HPRVP18	Morpho-biochemical basis of resistance against rice leaf folder, <i>Chaphalocrocis medinalis</i> (Guenee) in south Gujarat	Kanhaiya Lal Bairwa, Pravin Kumar Ghoghari and Prajapati Anand
3.30 PM	HPRVP19	Field screening of different genotypes/ varieties of green gram against spotted pod borer, <i>Maruca vitrata</i> (Fabricius)	Krishna J Bhuva and S D Patel
3.35 PM	HPRVP20	Screening of pea genotypes against pod borers	Shraddha Tare and Nanda Khandwe
3.40 PM	HPRVP21	Histological and biophysical basis of resistance linseed against budfly (<i>Dasyneura lini</i> Barnes)	Richa Dubey
3.45 PM	HPRVP22	Induced phytochemicals in <i>Brassica juncea</i> distress bionomics of <i>Lipaphis erysimi</i>	K Chandra Kumara, Mukesh K Dhillon and Naveen Singh
3.50 PM	HPRVP23	Cultivars and method of application influences the effect of silicon on incidence and damage of phloem feeders, induction of defense reaction, attraction of natural enemies and yield in black gram (<i>Vigna mungo</i> L.)	Gouranga Saw, Mallikarjuna Jeer and Ramasamy Kanagaraj Murali Baskaran
Validictory (4.30 PM)			

ZOOM LINK

Time: Feb 21, 2024 10:00 AM India and Feb 23, 2024 10:00 AM
Join Zoom Meeting
<https://us02web.zoom.us/j/82012013974?pwd=RVFNWj9kQWszbFJMcHhvd3lxUDRnLT09>
Meeting ID: 820 1201 3974
Passcode: 349926

GOOGLE MEET LINK

Google meet 21.02.2024 and 23.02.2023
Wednesday, February 21 - 10:00am – 6:00pm
Google Meet joining info: Video call link: <https://meet.google.com/vgk-ibkq-xtv>