



# ESC2024 QUICK GUIDE: SCHEDULE AND VENUES

Day	Time	Hall 1 Kuvempu Sabhangana, UAS, Bengaluru		Hall 2 Seminar Hall, Niche Area of Excellence on Taxonomy of Insects & Mites, UAS, Bengaluru
<b>Parallel sessions</b>				
Day 1	Morning	Inauguration session	Oral Session 1: Biodiversity and Taxonomy (10.30 AM to 12.00 PM)	Oral Session 2: Beneficial Insects (10.30 AM to 11.30 AM)
			Poster Session 1: Biodiversity and Taxonomy	Poster Session 2: Beneficial Insects
	Afternoon	Oral Session 4: Insect Toxicology (2.00 PM to 4.00 PM)	Oral Session 3: Integrated Pest Management (2.00 PM to 3.40 PM)	
		Poster Session 4: Insect Toxicology	Poster Session 3: Integrated Pest Management	
		<b>Special Session: Opportunities for Young Entomologists in Private Industry</b>		
Day 2	<b>ESI Foundation Day and Award Ceremony at Kuvempu Sabhangana, UAS, Bengaluru</b>			
Day 3	Morning	Oral Session 5: Biological Control (9.00 AM to 11.30 AM)	Oral Session 6: Insect Physiology, Insect Vectors and Molecular Advances in Entomology (9.00 AM to 10.00 AM)	
		Poster Session 5: Biological Control	Poster Session 6: Insect Physiology, Insect Vectors and Molecular Advances in Entomology	
	Afternoon	Oral Session 8: Host Plant Resistance and Insect Ecology (2.00 PM to 4.10 PM)	Oral Session 7: Climate Change and Insects, Industrial Entomology, and Non-Insect Pests of Crops (10.30 AM to 11.30 AM)	
		Poster Session 8: Host Plant Resistance and Insect Ecology	Poster Session 7: Climate Change and Insects, Industrial Entomology, and Non-Insect Pests of Crops	
		Valedictory session		
<b>Note: Venue for Poster Presentations is Corridor of Department of Entomology, UAS, Bengaluru, timings are same as oral presentations</b>				

For Info Scan





## SCHEDULE FOR ESC2024: PHYSICAL PRESENTATIONS

Day 1: 21 February 2024 (Wednesday)			
<b>Inauguration ceremony</b>			
9.00 AM	<b>Invocation</b>		
9.10 AM	<b>Welcome address by Dr. Sachin S. Suroshe, General Secretary, ESI</b>		
9.15 AM	<b>Address by Dr. V.V. Ramamurthy, President, ESI</b>		
9.25 AM	<b>Address by Dr. S.N. Sushil, Director, ICAR-NBAIR</b>		
9.30 AM	<b>Address by Dr. K.C. Narayanaswamy, Director of Education, UAS, Bengaluru</b>		
9.35 AM	<b>Address by guest of honour Dr. J.P. Singh, PPA, GOI</b>		
9.40 AM	<b>Address by guest of honour Dr. S.N. Puri, Chief Patron, ESI</b>		
9.50 AM	<b>Address by Chief Guest Dr. S.V. Suresha, Vice-Chancellor, UAS, Bengaluru</b>		
10.00 AM	<b>Felicitation to guests</b>		
10.10 AM	<b>Vote of thanks Dr. Shashank, P.R., Joint Secretary, ESI</b>		
10.15 AM	<b>Break and group photo</b>		
<b>ESC2024 PRESENTATIONS SCHEDULE</b>			
<b>ORAL PRESENTATIONS: FORENOON PARALLEL SESSIONS</b>			
<b>SESSION 1 - THEME: BIODIVERSITY AND TAXONOMY (10.30 AM to 12.00 PM)</b>			
<b>Venue: Kuvempu Sabhangana, UAS, Bengaluru</b>			
<b>Chairman: Dr. Sunil Joshi, NBAIR, Bengaluru</b>			
<b>Co-chairman: Dr. Kolla Sreedevi, NBAIR, Bengaluru</b>			
<b>Session convenor: Dr. Vidya Mulimani, UAS, Bengaluru</b>			
<b>Rapporteur: Dr. N.N. Rajgopal, NBAIR, Bengaluru and Mr. Suresh Jambagi, UAS, Bengaluru</b>			
10.30 AM	BTO1	Diversity index of anthophiles/ pollinators at blooming stage of ber in Bundelkhand region of Uttar Pradesh	Sandeep Singh, AK Singh, BK Singh and Ajit Pandey
10.40 AM	BTO2	Indian Gelechiidae (Lepidoptera: Gelechioidea): A taxonomic catalogue	Nandhini D, Shashank PR, Karthik M Reddy and Rahul Joshi



10.50 AM	BTO3	Megachilid bees (Hymenoptera: Apoidea: Megachilidae) from North East India	Sayan Sardar, A Rameshkumar and SI Kazmi
11.00 AM	BTO4	Species richness and endemism of Tortricidae (Lepidoptera) in India	Santhosh Naik G and Shashank PR
11.10 AM	BTO5	The invasive thrips, <i>Thrips parvispinus</i> (Thysanoptera: Terebrantia: Thripidae), a potential threat to ornamental plants in Kerala	Amal Poulouse, Haseena Bhaskar, Neena Lenin and Abida PS
11.20 AM	BTO6	Exploring coastal Karnataka's termite tapestry: morphological and molecular insights into the identification of terrestrial architects	Santhrupthi B and Kalleswaraswamy CM
11.30 AM	BTO7	Biodiversity and taxonomy of bumble bees, with the first record of <i>Bombus hypnorum</i> L. (Hymenoptera: Apidae) from Himachal Pradesh	Sawraj Jit Singh, Kiran Rana, Ankur Rana, Simran Bhatia and Ruchi Sharma
11.40 AM	BTO8	Importance and the present status of phytoseiid mites (Acari: Mesostigmata) in India	Shubhadeep Biswas and Krishna Karmakar
11.50 AM	BTO9	From North to South: Nationwide biometric dynamics of <i>Apis cerana</i>	Moorthy AV, Renu Pandey and Pramod Mall

### POSTER PRESENTATIONS

#### SESSION 1 - THEME: BIODIVERSITY AND TAXONOMY (10.30 AM to 12.00 PM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for BTPP1 to BTPP8 will be held from 10.30 AM–12.00 PM.
- All the presenters are requested to be present physically during evaluation by experts from 11.00 AM to 12.00 PM.

**Note: It is advised that all posters will remain on display throughout the entire conclave**

10.30 AM	BTPP1	Seasonal incidence of shoot fly infesting sorghum in southern Rajasthan	Saif Ali Khan, Hemant Swami and Neha Girish Matra
	BTPP2	Species diversity of fruit flies (Diptera: Tephritidae) collected from some districts of Uttar Pradesh, India	Vishrutha Chandrashekhar, Varun Arya and Srinivasa N
	BTPP3	Diversity of fruit fly species and their management using different shaped traps of methyl eugenol trap in cucumber	Pura Sunya and Hijam Shila Devi
	BTPP4	Sucking pest fauna infesting ornamental foliage in	Ardra S, Deepthy KB, Sunil Joshi, Haseena



		commercial horticultural nurseries of Kerala	Bhaskar and Mani Chellappan
	BTPP5	Insect pest of jackfruit in Kerala	Rinshana Thasnic C, Gavas Ragesh, Haseena Bhaskar, Mani Chellappan and Jyothi Bhaskar
	BTPP6	Taxonomic studies of halictid bees (Hymenoptera: Apoidea) from Western Ghats	Bhaswati Majumder, P Girish Kumar, SI Kazmi and A Rameshkumar
	BTPP7	Exploration and diversity of coccinellids in the sugarcaneecosystem of Bihar	Vishwajeet, Anil Kumar, Arindam Pal and Abinaya S
	BTPP8	Hidden havens: Investigating insect pests' diversity and abundance on carrot weed, <i>Parthenium hysterophorus</i> (L.)	SH Gore, SD Bantewad and PS Neharkar

**ORAL PRESENTATIONS: FORENOON PARALLEL SESSION**

**SESSION 2 - THEME: BENEFICIAL INSECTS (10.30 AM to 11.30 AM)**

**Venue: ICAR Niche Area of Excellence on Taxonomy of Insects & Mites seminar hall, Department of Entomology**

**Chairman: Dr. N. S. Bhatt, UAS, Bengaluru**

**Co-chairman: Dr. G. C. Kuberappa, UAS, Bengaluru**

**Session convenor: Dr. U. Amala, NBAIR, Bengaluru**

**Rapporteur: Dr. Vijay Kumar K.T., UAS, Bengaluru and Mr. Kishor Pujar, UAS, Bengaluru**

10.30 AM	BO1	Behavioural studies on native bumble bee ( <i>Bombus haemorrhoidalis</i> Smith)	Babita Kaushal and Meena Thakur
10.40 AM	BO2	Development of silk cocoon sorting and deflossing machine	Manish D Mahindrakar, Prathamesh S Yadav, Pratik S Kharat and Amol B Mamlayya
10.50 AM	BO3	Development of basket rearing method for eri silkworms	Prathamesh S Yadav, Manish D Mahindrakar, Pratik S Kharat and Amol B Mamlayya
11.00 AM	BO4	Sequential application of contact insecticides on the survival of <i>Kerria lacca</i> (Kerr.) and yield of <i>Baishakhi</i> lac crop on <i>Cajanus cajan</i> (L.) Millsp	DK Patel, M Thomas and RS Marabi



11.10 AM	BO5	Effect of probiotic combined pollen supplementary feeding on colony growth of asiatic hive bee, <i>Apis cerana indica</i> F.	Vijayakumari N and PA Saravanan
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### POSTER PRESENTATIONS

#### SESSION 2 - THEME: BENEFICIAL INSECTS (10.30 AM to 11.30 AM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for BPP1 to BPP5 will be held from 10.30 AM to 11.30 AM.
- All the presenters are requested to be present physically during evaluation by experts from 10.30 AM to 11.30 AM.

Note: It is advised that all posters will remain on display throughout the entire conclave

10.30 AM	BPP1	Optimizing silkworm growth and cocoon yield through nano fertilizer application	Saleemali Kannihalli, Rayar SG, Sahana M, Dileep Kumar NT and Rakshitha TN
	BPP2	Comparative studies on colony performance of honey bee ( <i>Apis cerana</i> F.) in ISI wooden hives and mud hives	Shivani Sharma, Kiran Rana, Meena Thakur, Sawraj Jit Singh and Simran Bhatia
	BPP3	Microbial diversity, palynological identification and physicochemical properties of hive stored pollen of Indian honey bee, <i>Apis cerana indica</i>	Abhishek V, Mani Chellappan, Ranjith MT, Surendra Gopal, Seeja Thomachan and Likhita J
	BPP4	Exploring pesticide impact on <i>Apis</i> bees: Insights into succinate dehydrogenase subunit A inhibition mechanisms	Haran MSR, Sumathi E, Sathyaseelan C, Jayakanthan M, Saminathan VR and Srinivasan MR
	BPP5	Impact of floral biology of high-density apple ( <i>Malus domestica</i> Borkh.) cultivars on insect pollinators	Pallavi Rana, Harish Kumar Sharma and Sawraj Jit Singh

### LUNCH BREAK (12.50 PM to 2.00 PM)

### ORAL PRESENTATIONS: AFTERNOON PARALLEL SESSIONS

#### SESSION 3 - THEME: INTEGRATED PEST MANAGEMENT (2.00 PM to 3.40 PM)

Venue: ICAR Niche Area of Excellence on Taxonomy of Insects & Mites seminar hall, Department of Entomology



**Chairman: Dr. D. Jemla Naik, UAS, Bengaluru**

**Co-chairman: Dr. K. V. Prakash, UAS, Bengaluru**

**Session convenor: Dr. N. Sumithamma, UAS, Bengaluru**

**Rapporteur: Dr. Bhagyashree, S.N., IIHR, Bengaluru and Ms. Santhrupti, UAS, Bengaluru**

2.00 PM	IPMO1	Evaluation of integrated pest management module against major insect pests of watermelon	TP Chandana, M Muthuswami and A Suganthi
2.10 PM	IPMO2	Evaluation of different colour sticky traps against sucking pests of chilli	Neha Girish Matra, SD Bantewad, PS Neharkar and Saif Ali Khan
2.20 PM	IPMO3	AI-Automated decisive monitoring and detection of <i>H. armigera</i> in chickpea ( <i>Cicer arietinum</i> L.) utilizing MATLAB image processing	Udavant RN, Bantewad SD, Mutkule DS, Radhika, Ritu Rani and Deshmukh A
2.30 PM	IPMO4	Electroantennographic and behavioural response of female fall armyworm moths, <i>Spodoptera frugiperda</i> to maize plant volatiles	C Gargi, JS Kennedy, PD Kamalajayanthi, TD Jayabal and M Muthukumar
2.40 PM	IPMO5	Evaluation of different pectinolures against cotton pink bollworm for monitoring purpose	Kiran V Deshmukh and Chidanand S Patil
2.50 PM	IPMO6	Evaluation of different integrated pest management modules against sucking pests in groundnut	Subashree R and Sasmal A
3.00 PM	IPMO7	Hyperspectral remote sensing for assessing brown plant hopper severity in rice	E Vidya Madhuri, Rajna S, Rabi N Sahoo, Subhash Chander and Sachin S Suroshe
3.10 PM	IPMO8	Studies on the effect of irradiation on the reproductive performance of brinjal shoot and fruit borer, <i>Leucinodes orbonalis</i> Guenee (Lepidoptera: Crambidae)	Lakshmikant, Basavaraj Kalmath, Rachappa V, Sushila Nadagouda and Jayaprakash Narayan
3.20 PM	IPMO9	Selection of floral resources for ecological engineering-based pest management in rice <i>Oryza sativa</i> L.	Meera Krishnan, Sreeja P, Karthikeyan K, Smitha Revi, Mani Chellappan and Sajitha Vijayan M
3.30 PM	IPMO10	Studies on yield loss assessment of fall armyworm ( <i>Spodoptera frugiperda</i> ) (J.E. Smith) in maize	Shreya B, K Vani Sree, Uppendhar S and Y Sivalakshmi



## POSTER PRESENTATIONS

### SESSION 3 - THEME: INTEGRATED PEST MANAGEMENT (2.00 PM to 4.00 PM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for IPMPP1 to IPMPP10 will be held from 2.00 PM to 4.00 PM.
- All the presenters are requested to be present physically during evaluation by experts from 2.30 PM to 3.30 PM.

Note: It is advised that all posters will remain on display throughout the entire conclave

2.00 PM	IPMPP1	Studies on seasonal abundance and biology of citrus psylla, <i>Diaphorina citri</i> Kuwayama on Kinnow	Preeti Sharma, Sunny Maanju and Ankit Kumar
	IPMPP2	Nanotechnology in grain protection: Evaluating the efficacy of nano-emulsions against lesser grain borer in wheat storage	Vivek Adhikari and MV Dabhi
	IPMPP3	Study on management of the damage loss caused by red flour beetle in finger millet flour in finger millet flour	K Swathi, S Dhurua, D AnilKumar and S Ramesh Babu
	IPMPP4	Combined effect of ITKs with various plant products against fall armyworm, <i>Spodoptera frugiperda</i> infesting fodder sorghum under certified organic farming system	Megha and Shekharappa
	IPMPP5	Comparative economic efficiency: aqueous extracts from field margin weeds versus synthetic insecticides in controlling <i>Helicoverpa armigera</i> on tomato plants	P Bhavana and Sasya Nagar
	IPMPP6	Effect of brown algal seaweed <i>Padina gymnospora</i> (Kützinger) Sonder aqueous extract against <i>Spodoptera litura</i> Fab.	M Vishnu and R Kannan
	IPMPP7	Seasonal activity and influence of weather parameters on fall armyworm, <i>Spodoptera frugiperda</i> (J. E. Smith) on maize in Chhattisgarh plains	Marella Sai Manoj and Kailash Chander Sharma
	IPMPP8	A quick-witted pest management using artificial intelligence in tomato crop	N. Sai Kumar and N. Emmanuel
	IPMPP9	Nano silica encapsulated bio-formulations: Safer alternatives for the management of <i>Rhizopertha dominica</i> in stored rice	Anu KV, Rajasri Mandali, TNVKV Prasad and Panduranga GS
	IPMPP10	Pest management in local chilli ( <i>Capsicum annum</i> L.) using eco-friendly approaches	Wangpon Konyak, Pankaj Neog, Rupam Das and Pura Sunya

### ORAL PRESENTATIONS: AFTERNOON PARALLEL SESSION





## SESSION 4 - THEME: INSECT TOXICOLOGY (2.00 PM to 4.00 PM)

Venue: Kuvempu Sabhangana, UAS, Bengaluru

**Chairman: Dr Srinivasa Nagappa, UAS, Bengaluru**

**Co-chairman: Dr. Murali Mohan, UAS, Bengaluru**

**Session convenor: Dr. B.S. Gotyal, NBAIR, Bengaluru**

**Rapporteur: Dr. Ramya R.S., NBAIR, Bengaluru and Mr. Dileep. UAS, Bengaluru**

2.00 PM	TO1	Contact toxicity of insecticides against rice weevil, <i>Sitophilus oryzae</i> (L.) and underlying enzyme activity	Neelakanta Rajarushi Chava, Suresh M Nebapure and Rajna S
2.10 PM	TO2	Toxicity of phosphine and carbon dioxide against drug store beetle ( <i>Stegobium paniceum</i> )	Jessa Joseph, Suresh M Nebapure and Rajna S
2.20 PM	TO3	Dissipation patterns of various insecticides on cauliflower curds: a comprehensive study	Anitha V and Ravi L Kalasariya
2.30 PM	TO4	Efficacy of insecticides against banana skipper, <i>Erionota torus</i> (Evans.) infesting banana	Munj Sujal Suhas and SS Gurav
2.40 PM	TO5	Estimation of thiamethoxam and its metabolites in okra using QuEChERS methodology with RP-HPLC	Vinod Kumar Dubey and Abhishek BM
2.50 PM	TO6	Chronic toxicity of neonicotinoid residues on Indian honey bee <i>Apis cerana</i> Fabricius (Apidae: Hymenoptera)	Archana BR, Murali Mohan K and VV Belavadi
3.00 PM	TO7	Status of acaricide resistance in <i>Tetranychus gloveri</i> Banks (Acari: Tetranychidae) infesting tissue culture banana	Penuballi Swathi, Haseena Bhaskar, Berin Pathrose and Deepu Mathew
3.10 PM	TO8	Monitoring of relative toxicity and insecticide resistance of different field populations of South American pinworm, <i>Tuta absoluta</i> (Meyrick)	C Muthu Lakshmi Bavithra M Murugan, V Balasubramani, KK Kumar, S Harish and M Jayakanthan
3.20 PM	TO9	Compatibility studies of systemic insecticides with water soluble fertilizers against leaf hoppers	Akshata BS, Wadaskar R M, V Chinna Babu Naik, Sawai HR, Kuchanwar O, Prasad YG and Behere G
3.30 PM	TO10	Assessing the efficacy of nano-mediated insecticides in controlling apple leaf blotch miner ( <i>Leucoptera malifoliella</i> ) on apple in Kashmir	Chirag G Bhojwani and Malik Mukhtar
3.40 PM	TO11	The effect of insecticide induced resurgence of brown plant hopper, <i>Nilaparvata lugens</i> (Stal) in rice ecosystem	Netra, Sujay Hurali, Prabhuraj A,





			Badariprasad PR, Srikanth Barkeer and SB Gowder
3.50PM	TO12	Sub-lethal effects of entomopathogenic fungi and their crude soluble extract against <i>Aphis craccivora</i> Koch and <i>Phenacoccus solenopsis</i> Tinsley	Sonam R, Sachin S Suroshe and Purnmasi R Yadav

### POSTER PRESENTATIONS

#### SESSION 4 - THEME: INSECT TOXICOLOGY (2.00 PM to 4.00 PM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for TPP1 to TPP10 will be held from 2.00 PM to 4.00 PM.
- All the presenters are requested to be present physically during evaluation by experts from 3.00 PM to 4.00 PM.

Note: It is advised that all posters will remain on display throughout the entire conclave

2.00 PM	TPP1	Evaluation of neonicotinoids toxicity at their field recommended and reduced concentration on honeybees, <i>Apis cerena</i>	Naseema Hullur, Harischandra Naik R, Badariprasad PR, Bheemanna M, Kisan Babu and Prabhuraj A
	TPP2	Evaluation of the efficacy of synthetic insecticides against fall armyworm, <i>Spodoptera frugiperda</i> in maize	Shivani Suman and NS Bhadoria
	TPP3	Valorization of <i>Citrus limetta</i> peel waste into essential oils with insecticidal activities against pulse beetle, <i>Callosobruchus maculatus</i> (F.)	NU Visakh, Berin Pathrose and Mani Chellappan
	TPP4	Biosynthesis and evaluation of <i>Polygonum hydropiper</i> based Ag-nanoparticles against <i>Callosobruchus chinensis</i> (Coleoptera: Bruchidae), its effect on storage seed viability and vigor	Chandana, C.R. and Surajit Kalita
	TPP5	Nano insecticides: An innovative tool for pulse beetle, <i>Callosobruchus maculatus</i> (Fabricius) (Coleoptera: Chrysomelidae) management	Bharati Jambunatha Patil, Pramod Katti, AG Sreenivas, Sushila Nadagouda, Shakunthala, NM and Sharanagouda Hiregoudar
	TPP6	Studies on dissipation pattern of tolfenpyrad in cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> ) under open field conditions	Kishore SM, N Jemimah, G Sridevi and M Venkateswara Reddy
	TPP7	Bio-efficacy and economic assessment of insecticidal sprayschedules for controlling sucking insect pests on chilli ( <i>Capsicum annuum</i> L.)	LS Saini and HP Meghwal



	TPP8	Evaluation of some biorational insecticides against pink bollworm, <i>Pectinophora gossypiella</i> (Saunders) on cotton under field condition	Prashanthakumar T, Tambe VJ, Chinna Babu Naik V, Lavhe NV, Patil MJ and Priyanka DP
	TPP9	Incidence of fall armyworm, <i>Spodoptera frugiperda</i> (J.E. Smith) on maize and their management through newer insecticides	Vimal Kanaujiya, Mukesh Kumar Mishra and Rakesh Pandey
	TPP10	Evaluation on efficacy of insecticides against chilli sucking insect pests and its impact on natural enemy under field conditions in India	Sova Yadav, Lomash Kumar, Anil Jakhar, Promil Kapoor and Vinod Kumar

**TEA BREAK 4.00 PM to 4.30 PM**

**SPECIAL SESSION - THEME: Opportunities for Young Entomologists in Private Industry**

**Time: 4.30 PM to 6.30 PM**

**(All delegates are invited to this session)**

**Chair: Dr. J.P. Singh, Plant Protection Advisor, GOI**

**Co-chair: Dr. Sanjay Arya, Secretary (CIBRC), GOI**

**Convener: Dr. Ravi Hegde, UPL**

**Venue: Kuvempu Sabhangana, UAS, Bengaluru**

**7.00 PM onwards CONFERENCE DINNER**



## Day 2: ESI Foundation Day and Awards Ceremony

Venue: Kuvempu Sabhangana, UAS, Bengaluru

09.30 AM	Invocation	PG Students
09.40 AM	Welcome address	Dr. S. Subramanian, Zonal President (Delhi), ESI
09.50 AM	Introduction of Chairman	Dr. V.V. Ramamurthy, President, ESI
09.55 AM	Introduction of Speaker	Dr. Sachin S. Suroshe, General Secretary, ESI
10.00 AM	ESI Foundation Day-2024 Lecture	Dr. K.N. Ganeshaiyah, INSA Senior Scientist, UAS, Bengaluru
11.00 AM	Remarks by Chairman and felicitation of speaker	Dr. S.N. Puri, Chief Patron, ESI
11.15 PM	Vote of Thanks	Dr. Sagar D, Zonal Councillor (Delhi)
11.30 PM	Group photo and interaction of students with delegates	

### LUNCH BREAK 1.00 PM to 2.00 PM

### ESI AWARDS CEREMONY

2.00 PM	Welcome Address	Dr. Sachin S. Suroshe, General Secretary, ESI
2.10 PM	Felicitation to Life time achievement awardees and Honorary fellows	Dr. V.V. Ramamurthy, President and others

### ESI 2022 Award Presentations (2.30 PM to 5.00 PM)

#### Chair

Dr. Subhash Chander

Director, ICAR- National Centre for Integrated Pest Management, New Delhi

#### Co-Chair

Dr. S. N. Sushil

Director, ICAR- National Bureau of Agricultural Insect Resources, Bengaluru

2.30 PM	Presentation by ESI Best Teacher Awardee	Dr. Prabhuraj A., UAS, Raichur
2.40 PM	Presentation by ESI Senior Entomologist Awardees	1. Dr. Poonam Jasrotia, ICAR-IIWBR 2. Dr. Sanjay Kumar Sahoo, RPCAU, Pusa



<b>3.00 – 3.20 PM</b>		<b>TEA BREAK</b>
3.20 PM	Presentation by ESI Young Entomologist Awardees	1. Dr. Amala U., ICAR-NBAIR 2. Dr. Basana Gowda G, ICAR-NRRI 3. Dr. Suresh M. Nebapure, ICAR-IARI
3.50 PM	Presentation by ESI Best Ph. D Thesis Awardees	1. Dr. M. Saranya, TNAU 2. Dr. Anamika Kar, BCKV 3. Dr. Ranjith M., KSNUAHS 4. Dr. M. Rashmi Manohar, BHU
4.30 PM	Remarks	Chair and Co-Chair
4.45 PM	Presentation of Awards to ESI 2022 Awardees	Chair and Co-Chair
5.00 PM	Vote of Thanks	Dr. Shashank, P.R. Joint Secretary, ESI



Day 3: 23 February 2024 (Friday)

ORAL PRESENTATIONS: FORENOON PARALLEL SESSIONS

SESSION 5 - THEME: BIOLOGICAL CONTROL (9.00 AM to 11.30 AM)

Venue: Kuvempu Sabhangana, UAS, Bengaluru

Chairman: Dr. A.N. Shylesha, NBAIR, Bengaluru

Co-chairman: Dr. Sridhar V, IIHR, Bengaluru

Session convenor: Dr. Srinivas Reddy K.M., UAS, Bengaluru

Rapporteur: Dr. Keerthi, IIHR, Bengaluru and Mr. Balaji, UAS, Bengaluru

9.00 AM	BCO1	Pathogenicity and reproductive potential of some local strains of entomopathogenic nematode, <i>Heterorhabditis bacteriophora</i> Poinar, 1976 against cabbage butterfly, <i>Pieris brassicae</i> (L.)	Ramya AR and Tarique Hassan Askary
9.10 AM	BCO2	<i>Photorhabdus luminescens</i> (Thomas and Poinar): A potential entomopathogen against major sucking pest	Akshatha S, Prabhuraj A, Saroja NR, Nagaraj MN, Arunkumar Hosamani and Shivaleela
9.20 AM	BCO3	Investigations on the predatory proficiency of key spiders in cotton ecosystem.	Latha H, SS Udikeri, GS Guruprasad and CP Chandrashekhar
9.30 AM	BCO4	Studies on efficacy of kairomone gel formulations on bio-control potential of <i>Trichogramma</i> spp., against wheat pink stem borer	Priyanshu Pawar and RKM Baskaran
9.40 AM	BCO5	Pathogenicity of two native entomopathogenic nematodes against <i>Odontotermes obesus</i> and <i>Agrotis ipsilon</i>	K Sindhura Bhairavi and Badal Bhattacharyya
9.50 AM	BCO6	In-vitro evaluation of <i>Metarhizium anisopliae</i> TMBMA1 against pink bollworm, <i>Pectinophora gossypiella</i>	Snehal Thavkar, Shivaji Thube, Promod Panchbhai, Nandakishor Lavhe, Tini Pillai, Prabhulinga T, Babasaheb Fand, Shailesh Gawande and R Thava Prakasa Pandian
10.00 AM	BCO7	Exploring entomopathogenic endophytes: laboratory evaluation for sucking pest management	Logeswaran K, DN Kambrekar, PU Krishnaraj, CP Mallapur and MS Biradar
10.10 AM	BCO8	Bioefficacy of <i>Chromolaena odorata</i> leaf extracts against two major insect pests of tea	Priyanka Borbaruah and Surajit Kalita



10.20 AM	BCO9	In-vitro evaluation of entomopathogenic microbial isolates against major lepidopteran pests	J Aruna, DN Kambrekar, CP Mallapur, PU Krishnaraj and Shamarao A Jahagirdar
10.30 AM	BCO10	Unravelling insecticidal potential: Volatile metabolites of <i>Metarhizium anisopliae</i> (Metschnikoff) Sorokin isolates in bioassays against <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae)	Neethuroy D, Arunkumar Hosamani, A Prabhuraj, Harischandranaik R, Sarojanarsing Rao and B Kisan
10.40 AM	BCO11	Whole-genome sequencing analysis of a novel indigenous <i>Bacillus thuringiensis</i> NBAIR-BTPL, a strain toxic to melon fruit fly, <i>Zeugodacus cucurbitae</i>	N Aarthi, AN Shylesha and C Manjunatha
10.50 AM	BCO12	Metabolomic profiling of sweet basil <i>Ocimum basilicum</i> (L.) leaf extract to unravel the fumigant toxicity against cigarette beetle <i>Lasioderma serricorne</i> (Fab.) infesting stored coriander	M Naveen, J Jayaraj, S Vellaikumar, ML Mini, M Shanthi and K Naveena
11.00 AM	BCO13	Efficacy of <i>Metarhizium anisopliae</i> (Metschnikoff) Sorokin Ma-4 strain against tomato fruit borer <i>Helicoverpa armigera</i> Hübner (Lepidoptera: Noctuidae)	R Yamini, PS Shanmugam and M Murugan
11.10 AM	BCO14	New report of parasitoid, <i>Allotropia</i> sp. near <i>phenacocca</i> (Hymenoptera) from India and its performance on <i>Phenacoccus solenopsis</i>	Kiran Kumar GN, Sachin S Suroshe and Ankita Gupta
11.20 AM	BCO15	Development and bioefficacy of liquid formulations of <i>Metarhizium anisopliae</i> (Metschnikoff) Sorokin, on <i>Helicoverpa armigera</i> (Hübner) under laboratory conditions.	M Venkatasravya and Shekharappa

### POSTER PRESENTATIONS

#### SESSION 5 - THEME: BIOLOGICAL CONTROL (9.00 AM to 12.00 PM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for BCPP1 to BCPP10 will be held from 9.00 AM to 12.00 PM.
- All the presenters are requested to be present physically during evaluation by experts from 11.00 AM to 12.00 PM.

Note: It is advised that all posters will remain on display throughout the entire conclave

9.00 AM	BCPP1	Natural occurrence of entomopathogenic nematodes inoplar growing areas of northern India	Pooja Singh, Pawan Kumar and Arvind Kumar
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BCPP2	Demographic studies of <i>Corcyra cephalonica</i> (Stainton) on different foods and their impact on the parasitisation and population growth parameters of indigenous egg parasitoids, <i>Trichogramma</i> spp.	Adarsh Sharma and PL Sharma
BCPP3	Examination of AAU Jatropha oil formulation in relation to white grub, <i>Lepidiota mansueta</i> Burmeister, and <i>Odontotermes obesus</i> (Rambur)	S Tikhak and B Bhattacharyya
BCPP4	Parasitization percentage of different egg parasitoids of <i>Spodoptera frugiperda</i> (J.E. Smith)	RS Mahajan and VK Bhamare
BCPP5	Assessment of reproductive potential of entomopathogenic nematodes on tobacco cutworm, <i>Spodoptera litura</i> and greater wax moth, <i>Galleria mellonella</i> .	Supriya Koosari, Dnyaneshwar B Ingole, Soumya S Dash, Nandakishore V Lavhe and Vilas J Tambe
BCPP6	Age-related influence of egg parasitoids on parasitism of <i>Spodoptera frugiperda</i> (J. E. Smith) (Lepidoptera: Noctuidae) eggs	Veena K, Arunkumar Hosamani, Prabhuraj A, Shivanand G Hanchinal and Sharanabasappa S Deshmukh
BCPP7	Compatibility of entomopathogenic nematode, <i>Heterorhabditis indica</i> with insecticides under laboratory condition	Soumya Shephalika Dash, Supriya Koosari, DB Ingole, DP Kashyap, VJ Tambe, Partha Sarathi Tripathy and NV Lavhe
BCPP8	Impact of cold storage temperature on performance of <i>Trichogrammatoidea bactrae</i> and <i>Corcyra</i> eggs	Saheli Mahajan, Harish Sawai, V, Chinna Babu Naik, Sudhir Borkar, Rajesh Ingle and Prabhulinga T
BCPP9	Compatibility potential of <i>Steinernema bicornatum</i> (Rhabditida: Steinernematidae) with insecticides in laboratory condition	DB Ingole, Soumya S Dash, Supriya Koosari, DP Kashyap, NV Lavhe and VJ Tambe
BCPP10	Comparative parasitisation potential of <i>Trichogramma</i> species against pink bollworm, <i>Pectinophora gossypiella</i> (Saunders) on cotton	Priyanka DP, Tambe VJ, Chinna Babu Naik V, Prabhulinga T, Sawai HR, Patil MJ and Prashanthakumar T

**ORAL PRESENTATIONS: FORENOON PARALLEL SESSIONS**





**SESSION 6 - THEME: INSECT PHYSIOLOGY, INSECT VECTORS AND MOLECULAR ADVANCES IN ENTOMOLOGY (9.00 AM to 10.00 AM)**

**Venue: ICAR Niche Area of Excellence on Taxonomy of Insects & Mites seminar hall, Department of Entomology**

**Chairman: Dr. T. Venkatesan, NBAIR, Bengaluru**

**Co-chairman: Dr. Shivanna B., UAS, Bengaluru**

**Session convenor: Dr. K. Selvaraj, NBAIR, Bengaluru**

**Rapporteurs: Dr. Omprakash Navik, NBAIR, Bengaluru and Ms. K. Sindhura Bhairavi, AAU, Assam**

9.00 AM	PMO1	Differential expression of odorant and chemosensory proteins during the developmental stages of <i>Bemisia tabaci</i> Asia II-1: Unravelling their functional significance in host-plant interactions	MN Rudra Gouda and S Subramanian
9.10 AM	PMO2	Identification and characterisation of trehalase gene from pink bollworm	Amrithapriya B, Sudhir L Borkar, Vivek Shah, Joy Das, Vishlesh Nagrare, Harish R Sawai, Rakesh Kumar and Tini Pillai
9.20 AM	PMO3	CRISPR/Cas9 mediated genome editing of spermatogenesis related genes in <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae) to impart sterility	Bhargava, C Nagaraja, Ashok K and Asokan R
9.30 AM	PMO4	Studies on mating-induced differential gene expression in female moths of fall armyworm, <i>Spodoptera frugiperda</i> (J.E. Smith)	Rupali JS, Sagar D and Subramanian S
9.40 AM	PMO5	Probit and molecular validation of cry toxin resistance dilution in pink bollworm upon introgression of susceptible alleles	Suresh R Jambagi, M Mohan, K Muralimohan and T Venkatesan
9.50 AM	PMO6	Unravelling lepidopteran fruit borer diversity of litchi: DNA barcode sequencing for identification and phylogenetic insights	P Maheswara Reddy, Imtinaro L, Jaipal S Choudhary, Maiti CS, Hijam Shila Devi, Pankaj Neog and Susanta Banik

**POSTER PRESENTATIONS**

**SESSION 6 - THEME: INSECT PHYSIOLOGY, INSECT VECTORS AND MOLECULAR ADVANCES IN ENTOMOLOGY (9.00 AM to 10.00 AM)**

**Venue: Corridor of Department of Entomology, UAS, Bengaluru**



- **Poster Session for PMPP1 to PMPP6 will be held from 9.00 AM to 10.00 AM.**
- **All the presenters are requested to be present physically during evaluation by experts from 9.30 AM to 10.00 AM.**

**Note: It is advised that all posters will remain on display throughout the entire conclave**

9.00 AM	PMPP1	A molecular diagnostic technique for rapid identification of invasive insect pest, fall armyworm, <i>Spodoptera frugiperda</i>	Varun Arya, Srinivasa N and Twinkle Sinha
	PMPP2	Strain composition and genetic characterization of invasive fall armyworm, <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae): New insights from different regions in India	G Yashaswini, S Upendhar K, Vani Sree, S Triveni and S Vanisri
	PMPP3	Nucleic acid-based identification of major honeybee ( <i>Apis mellifera</i> L.) viruses in Jammu region	RN Sharma and Devinder Sharma
	PMPP4	Basis of <i>Bt</i> toxin resistance in pink bollworm, <i>Pectinophora gossypiella</i> (Saunders) populations across India	G Sham Supreeth, AG Sreenivas, V Chinna Babu Naik, Sushila Nadagouda, SG Hanchinal, JM Nidagundi and Lakshmikanth M
	PMPP5	An insight into the dysbiosis induced through antibiotic exposure in tobacco cutworm, <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae)	Kavya, M Hiremath, Shivanna B and Rajendra Prasad BS
	PMPP6	Sex determination in <i>Kerria lacca</i> : Significance of <i>Wolbachia</i> (An endosymbiont)	Sweta Verma, Sagar D, Ramesh Chandra and R Ramani

#### ORAL PRESENTATIONS: FORENOON PARALLEL SESSIONS

#### SESSION 7 - THEME: CLIMATE CHANGE AND INSECTS, INDUSTRIAL ENTOMOLOGY, AND NON-INSECT PESTS OF CROPS (10.30 AM to 11.30 AM)

**Venue: ICAR Niche Area of Excellence on Taxonomy of Insects & Mites seminar hall, Department of Entomology**

**Chairman: Dr. Mohan Ishwar Naik, UAS, Bengaluru**

**Co-chairman: Dr. P. Venkata Rami Reddy, IIHR, Bengaluru**

**Session convenor: Dr. Gundappa, NBAIR, Bengaluru**

**Rapporteur: Dr. P. Prabhulinga, NBAIR, Bengaluru and Mr. Karthik Reddy, UAS, Bengaluru**

10.30 AM	CCO1	Development of temperature-based phenology model and GIS-based risk maps for predicting the population growth potential of red cotton bug, <i>Dysdercus cingulatus</i>	Vaishnavi Ashok Nankade, Babasaheb B Fand, Nandakishor Lavhe, Shivaji H Thube, Shailesh P
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			Gawande, Sudhir Borkar, Tini Pillai, Akash Nikoshe and YG Prasad
10.40 AM	CCO2	Impact of climate change on the potential geographical distribution and growth index of mirid predator, <i>Nesidiocoris tenuis</i> (Reuter) (Heteroptera: Miridae) using CLIMEX	Nitta Anusha, Sridhar Vaddi, Balasubramani Venkatasamy and Murugan Marimuthu
10.50 AM	CCO3	Temperature stress affects the demographic and functional traits of rice brown plant hopper, <i>Nilaparvata lugens</i> (Stal)	Swagatika Sahoo, Guru- Pirasanna-Pandi Govindharaj, Debabrata Panigrahi and SD Mohapatra
11.00 AM	CCO4	The impact of temperature on the survivability, development and reproduction characteristics of the spider mite, <i>Tetranychus puschelii</i> Meyer (Acari: Tetranychidae) on selected host plants	Mithilesh M, Vidya Mulimani and C Chinnamade Gowda
11.10 AM	CCO5	Comparative study of ditrophic interaction between the entomopathogenic fungi, <i>Beauveria bassiana</i> (Balsamo) Vuillemin (MZ749636) and <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae)	Abarna VP, Vishnupriya R and Sathiah N
11.20 AM	CCO6	Effect of elevated CO <sub>2</sub> on the toxicity of insecticides to brown plant hopper, <i>Nilaparvata lugens</i>	Dhyan Chowdary D, Sridhar Y, Ramachandra Rao G, Prakasam V and Arun Kumara CG

### POSTER PRESENTATIONS

#### SESSION 7 - THEME: CLIMATE CHANGE AND INSECTS, INDUSTRIAL ENTOMOLOGY, AND NON-INSECT PESTS OF CROPS (10.30 AM to 11.30 AM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for CCPP1 to CCPP5 will be held from 10.30 AM to 11.30 AM.
- All the presenters are requested to be present physically during evaluation by experts from 11.00 AM to 11.30 AM.

**Note: It is advised that all posters will remain on display throughout the entire conclave**

10.30 AM	CCPP1	Epidemiology of abiotic factors on red pumpkin beetle <i>Aulacophora foveicollis</i> Lucas infesting cucumber, <i>Cucumis sativus</i> Linnaeus	Pansara Zeel Hareshbhai and JJ Patel
	CCPP2	Susceptibility of cigarette beetle to radiofrequency heating	Divya Dileep, Berin Pathrose, Mani Chellappan, Haseena Bhaskar and Sudheer KP



	CCPP3	Testing of different chemicals by using bioassay studies for the management of snails ( <i>Achatina fulica</i> ) in laboratory	AS Kale and PR Zanwar
	CCPP4	Foraging activity of honeybees ( <i>Apis cerana indica</i> F.) on sunflower crop ( <i>Helianthus annuus</i> L.) Grown under elevated carbon dioxide and elevated temperature conditions	Tabassum Nikhath AG, Sreenivas, Sanganna Sajjanar, Badari Prasad, Umesh MR and Laxmikanth
	CCPP5	Weather-based forecasting model for the new invasive whitefly, <i>Paraleyrodes bondari</i> , incidence in the cotton ecosystem of Tamil Nadu, India	Sadhana V, Senguttuvan K and Murugan M

**LUNCH BREAK (1.00 PM–2.00 PM)**

**ORAL PRESENTATIONS: AFTERNOON PARALLEL SESSIONS**

**SESSION 8 - THEME: HOST PLANT RESISTANCE AND INSECT ECOLOGY (2.00 PM to 4.10 PM)**

**Venue: Kuvempu Sabhangana, UAS, Bengaluru**

**Chairman: Dr. V. V. Belavadi, UAS, Bengaluru**

**Co-chairman: Dr. Gandhi Gracy, NBAIR, Bengaluru**

**Session convenor: Dr. G. Keshava Reddy, UAS, Bengaluru**

**Rapporteur: Dr. Pallavi D., UAS, Bengaluru and Ms. Arpitha K.C., UAS, Bengaluru**

2.00 PM	HPRO1	Assessment of antibiosis and antioxidant enzyme responses to brown plant hopper, <i>Nilaparvata lugens</i> (Stal) infestation	Darshana Brahma, Rajna S and Subhash Chander
2.10 PM	HPRO2	Unlocking the genomic secrets of green gram ( <i>Vigna radiata</i> ) resistance to bruchid ( <i>Callosobruchus maculatus</i> )	Lekshmi JK, Infant Richard JL, Selva Babu S, Senthil N, Malarvizhi D and Murugan M
2.20 PM	HPRO3	Comparative studies of biochemical and biophysical parameters of groundnut varieties against sucking pests	Kolli Bharghavi, Rohini Sugandi, Basavaraj S Yenagi, R Channakeshava and Burjikindi Madhuri
2.30 PM	HPRO4	Antixenotic and antibiotic mechanisms of resistance in selected okra accessions to <i>Earias vitella</i>	Anju Viswanathan K and Madhu Subramanian
2.40 PM	HPRO5	Back into the wild: A reliable solution for pigeon pea improvement against <i>Helicoverpa armigera</i> (Hübner)	K Arunsaikumar, Rachappa V Haveri and Jagadish Jaba
2.50 PM	HPRO6	Biochemical basis of resistance in different pulses	Prajapati Anandkumar



		against pulse beetle ( <i>Callosobruchus maculatus</i> Fabricius)	Rajubhai, Bindu Panikkar, Kanhaiya Bairva and Krishna Bhuva
3.00 PM	HPRO7	Factors influencing resistance of pigeon pea seeds against pulse beetle, <i>Callosobruchus chinensis</i> Linnaeus: A comprehensive study	Mounika J, Suresh M Nebapure and Rajna S
3.10 PM	HPRO8	Studies on insect plant interaction on major insect pests and natural enemies in wild rice magic population	Thandra Rakesh, RP Soundararajan, P Jeyaprakash and S Sheeba Joyce Roseleen
3.20 PM	HPRO9	Exploration of salicylic acid induced resistance against tomato fruit borer, <i>Helicoverpa armigera</i> (Hübner)	Deepika Sorahia, Shimantini Borkataki, Anjumoni Devi and Kaushik Das
3.30 PM	HPRO10	Exploring the influence of Odisha rice landraces on the reproductive fitness and longevity of <i>Cnaphalocrocis medinalis</i> (Guenee)	Anjan Kumar Nayak, Arundhati Sasmal, Prasanthi Golive, Soumya Shephalika Dash, Shyamaranjan Das Mohapatra and Tribikram Samal
3.40 PM	HPRO11	Screening of selected genotypes of jackfruit ( <i>Artocarpus heterophyllus</i> Lamk.) for resistance of jackfruit shoot and fruit borer, <i>Diaphania caesalis</i> (Lepidoptera: Pyralidae)	Manjula Sumithramma N and Shyamalamma
3.50 PM	HPRO12	Influence of climate change on tri-trophic interaction in maize ecosystem	Lalbiakzuali AG Sreenivas, Pramod Katti, Sushila Nadagouda and M Lakshmikanth
4.00 PM	HPRO13	Influence of <i>Bt</i> cotton on pollination efficiency of <i>Apis cerana indica</i> F.	Monika GR and Badari Prasad PR

### POSTER PRESENTATIONS

### SESSION 8 - THEME: HOST PLANT RESISTANCE AND INSECT ECOLOGY

(2.00 PM to 4.00 PM)

Venue: Corridor of Department of Entomology, UAS, Bengaluru

- Poster Session for HPRPP1 to HPRPP7 will be held from 2.00 PM to 4.00 PM.
- All the presenters are requested to be present physically during evaluation by experts from 3.00 PM to 3.30 PM.

Note: It is advised that all posters will remain on display throughout the entire conclave



2.00 PM	HPRPP1	Phenotypic screening of rice genotypes against gall midge biotypes of Telangana under field conditions	A Pavithra, S Omprakash, C Narendra Reddy and Y Hari
	HPRPP2	Seasonal influence on the population dynamics of stem borers, leaf folders, gall midge and their natural enemies in rice ecosystem and its diversity assessment using Shannon Weiner index	Geerthana S, C Gailce Leo Justin, RP Soundararajan and N Karthik Raja
	HPRPP3	Influence of abiotic factors on population dynamics of shoot fly, <i>Atherigona approximata</i> Malloch (Diptera: Muscidae) in bread wheat ( <i>Triticum aestivum</i> L.)	Megha R Raikar, PS Tippannavar and Suma Biradar
	HPRPP4	Evaluation of different jasmine cultivars against eriophyid mite, <i>Aceria jasmini</i> Chann	Aswini V, RP Soundararajan, M Ganga, T Elaiyabharthi and M Kannan
	HPRPP5	Comparative study of incidence of tomato pinworm under protected and open field cultivation	Ashwini and Hegde MG
	HPRPP6	Bionomics and management of banana pseudostem weevil, <i>Odoiporus longicollis</i>	Priyanka Kumari and Kiran Kumari
	HPRPP7	Screening of castor germplasm against castor shoot and capsule borer ( <i>Conogethes punctiferalis</i> )	B Keerthana, MSV Chalam, P Radhika and P Lavanya Kumari

### VALEDICTORY CEREMONY

4.30 PM	<b>Invocation</b>
4.35 PM	<b>Welcome address by Dr. Shashank, P.R., Joint Secretary, ESI</b>
4.40 PM	<b>Presentation of Conclave Proceedings by Dr. Sachin S. Suroshe, General Secretary, ESI</b>
5.00 PM	<b>Address by Dr. V.V. Ramamurthy, President, ESI</b>
5.05 PM	<b>Address by Dr. S.N. Sushil, Director, ICAR-NBAIR</b>
5.10 PM	<b>Address by guest of honour Dr. Y.G. Prasad, Director, Central Institute for Cotton Research, Nagpur</b>
5.15 PM	<b>Conclave award ceremony</b>
5.30 PM	<b>Valedictory address by Chief Guest Dr. S.V. Suresha, Vice-Chancellor, UAS, Bengaluru</b>
5.40 PM	<b>Announcement of next ESC2025 by Dr. V.V. Ramamurthy, President, ESI</b>
5.50 PM	<b>Felicitation to the dignitaries</b>
5.50 PM	<b>Vote of thanks Dr. Shivanna B, Organizing Secretary</b>
6.00 PM	<b>Group photo</b>

7.00 PM - Valedictory dinner and departure

*Śubhavāgali (ಶುಭವಾಗಲಿ) See you in ESC2025*