



**INTERNATIONAL CONFERENCE ON
POTENTIAL IMPACT OF PESTICIDES ON ENVIRONMENT AND HUMAN HEALTH
2 – 4 November 2017**

Organized by Department of Chemistry, School of Engineering

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Venue: Dayananda Sagar University

PROGRAMME SCHEDULE

Day 1		2nd November 2017 (Thursday)	
	Registration	:	07.30 – 09.30 AM
	Invocation	:	09.15 – 09.20 AM
	Welcome address	:	09.20 – 09.25 AM Dr.A.Srinivas, Dean, SoE
	Lighting the Lamp	:	09.25 – 09.30 AM
	About the Conference	:	09.30 – 09.40 AM Dr.Sreenivasa Rao Amaraneni, Chemistry Dept & Convener-ICPIPEHH-2017
	Inaugural Address by Chief Guest	:	09.40 – 10.10AM Dr.K.K.Narayanan, Founder, Metahelix Life Sciences Limited and Former President, ABLE
	Presidential Address	:	10.10 – 10.30 AM Dr.A.N.N Murthy, Vice Chancellor, DSU
	Address by Guest of Honor	:	10.30 – 10.40 AM Mr.Galiswamy Secretary, DSI and MGVP
	Vote of Thanks	:	10.40 – 10.45 AM Dr.K.Anand Solomon, Chairman, Chemistry Dept.
	High Tea	:	10.45 – 11.00 AM
Plenary Talk(PT):1			
1	PT1-1: 11.00 – 11.45 AM <i>Predictive Assessment of the Human and Environmental Toxicity of Chemical Substances.</i> Gerrit Schüürmann ; Helmholtz Centre for Environmental Research, Leipzig, Germany and Technical University Bergakademie Freiberg, Germany.		
Invited Talks(IT):1			
1	IT1-1: 11.45 – 12.25 PM <i>Waste Mining for Biofuels and Bio-chemicals.</i> Venkata Mohan.S; CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, India.		
2	IT1-2: 12.25 – 01.05 PM <i>Continuous Process Evolution is the Key to Sustain the Crop Protection Chemical Technologies.</i> Jayathirtha Rao.V; CSIR- Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad,Telangana,India.		
Lunch		:	01.05 – 02.00 PM
Oral Presentations (OP):1.1			02.00 – 03.30 PM Chairperson:
1	OP1.1-1: <i>Quantification of methyl parathion pesticide: From lab to field.</i> Jitendra Kumar and Jose Savio Melo; Bhabha Atomic Research Centre (BARC), Mumbai, Maharashtra, India.		
2	OP1.1-2: <i>Emerging Trends in the Determination of toxic organic contaminants by Advanced Chromatography and Mass Spectrometry Techniques.</i> Sivaperumal.P; National Institute of Occupational Health (NIOH), Ahmedabad, Gujarat, India.		
3	OP1.1-3: <i>Evaluation of Matrix effects In the determination of pesticide residues in fruit and vegetable matrices by liquid chromatogrphy -time of flight –mass.</i> Tejal Manvar and Sivaperumal.P; National Institute of Occupational Health (NIOH), Ahmedabad, Gujarat, India.		
4	OP1.1-4: <i>Oxidative stress induced DNA damage and hematological alterations in zebrafish exposed to silver nanoparticles.</i> Gisha Sivan; St Alberts College, Ernakulam, Kerala, India.		
5	OP1.1-5: <i>Bacterial α-amylase mediated detection of monocrotophos, an organophosphorous pesticide.</i> Christina Rosy.J and Sundar.K; Kalasalingam University, Krishnankoil, Tamil Nadu, India.		

6	OP1.1-6: <i>Aldrin induced alterations on acetylcholinesterase activity in zebrafish: Modulation by Co-admiration of titanium dioxide nanoparticles.</i> Reena C.Jhamtani;Institute of Forensic Science,Gujarat Forensic Sciences University,Gandhinagar,Gujarat, India.
7	OP1.1-7: <i>Method Development and Validation of Organophosphorous Residues in Okra using Gas Chromatography-Flame Thermionic Detector.</i> Selvi.C, Paramasivam.M, Deepa.M, Jayaprakash.S.A, Bhuvanewari.K;Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India.
Tea Break : 03.30 – 03.45 PM	
Oral Presentations(OP):1.2 03.45 – 05.00 PM Chairperson:	
1	OP1.2-1: <i>Characterization of BSA-Diazinon Interaction using Saturation Transfer Difference (STD) NMR Spectroscopy.</i> Vandana Dahiya Samanwita Pal; Indian Institute of Technology Jodhpur (IITJ), Jodhpur, Rajasthan, India.
2	OP1.2-2: <i>Quantitative estimation of pesticide residue in soil and water samples collected from IPM and Non-IPM Pigeonpea and Chickpea fields of Gulbarga region of Karnataka state, India.</i> Harischandra Naik. R, Harischandra Naik. R, Rachappa, V., Pallavi M. S, Yelshetti, S and Sharma O. P University of Agricultural Sciences, Raichur, Karnataka, India; ICAR-National Centre for Integrated Pest Management, New Delhi, India.
3	OP1.2-3: <i>PesTSCAN: Future Sensory System for Pesticide Residue Detection.</i> Subhankar Mukherjeea, Souvik Pala,b, Abhra Pala, Devdulal Ghosha, Subrata Sarkara, Raktim Palc, Nabarun Bhattacharyyaa,, Sunil Bhandb, Anoop Barooah; Centre for Development of Advanced Computing (C-DAC), Kolkata, West Bengal,India; BITS, Pilani –KK Birla Goa Campus, Goa, India; Tea Research Association, Tocklai Tea Research Institute, Jorhat, Assam, India.
4	OP1.2-4: <i>Bioactive Compound of Elephant Foot Yam as Bio-pesticide against Stored Food Grain Pest.</i> Gayathri V , Sakthiabirami; Rajalakshmi Engineering College, Chennai, Tamil Nadu, India.
5	OP1.2-5: <i>Termiticides impact on environment: New perspective to explore.</i> Anju Meshram, Nidhi Srivastava; Banasthali University, Banasthali,Rajasthan, India.
6	OP1.2-6: <i>Effect of curcumin on pyrethrin induced cognitive dysfunction in zebrafish model.</i> Narahari Rishitha , Arunachalam Muthuraman; JSS College of Pharmacy, Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka,India.
Poster Presentations (PP): 1 05.00 – 06.30 PM	
1	PP1-1: <i>Effect of leuflunomide on chlorpyrifos induced neurological dysfunction in zebrafish model.</i> Harmith Dilip Pathak, Arunachalam Muthuraman; JSS College of Pharmacy, Jagadguru Sri Shivarathreeshwara University,Mysuru, Karnataka, India.
2	PP1-2: <i>Technologies used in the remediation of pesticides in contaminated soil.</i> Deekshitha.H.M;JSS College of Pharmacy,Jagadguru Sri Shivarathreeshwara University,Mysuru,Karnataka, India.
3	PP1-3: <i>Organochlorine pesticide exposure and EMT Reprogramming in Epithelial ovarian cancer.</i> Gaurav Kr. Thakur, BD Banerjee, Tusha Sharma,Kiran Guleria University College of Medical Sciences(Delhi University)& GTB Hospital, Dilshad Garden,Delhi,India.
4	PP1-4: <i>A study to assess an association of Organochlorine Pesticides with the risk of Breast cancer.</i> Latha Krishna.T; University College of Medical Sciences(Delhi University)& GTB Hospital, Dilshad Garden,Delhi,India
5	PP1-5: <i>Identification of plant based bio-pesticide on the inhibition of fungal Infection and enhancement of rice plant growth.</i> Lovely Gupta and Pooja.V; Amity Institute of Biotechnology, Amity University, NOIDA, Uttar Pradesh,India.
6	PP1-6: <i>Entomopathogenic bacteria, Bacillus thuringiensis as biological pesticides in the control of the Pulse beetle, Callosobruchus maculatus.</i> Balasubramanian Malaikozhundan, Baskaralingam Vaseeharan; Alagappa University, Science Campus,Karaikudi,Tamil Nadu, India.
7	PP1-7: <i>Physico-chemical Characterization of soil from Pesticides industrial area Kalol, Gandhinagar.</i> Raman Kumar Ravi and Fulekar.M.H; Central University of Gujarat, Gandhinagar, India.
8	PP1-8: <i>Organochlorine pesticides and xenobiotics metabolizing gene in carcinoma urinary bladder patients: A case-control study among North-Indian population.</i> Rashmi Ghanshela, Tusha Sharma,Sanjay Gupta and Basu Dev Banerjee; University College of Medical Sciences(Delhi University)& GTB Hospital, Dilshad Garden,Delhi,India.
9	PP1-9: <i>Development and validation of analytical method for determination of pesticides by using LC-Atmospheric Pressure Chemical Ionization orbitrap mass spectrometry..</i> Talari Kalpana and Raja Rajeswari.T; Govt. College for Women (A), Guntur, Andhra Pradesh, India.

10	PP1-10: <i>Dissipation of imidacloprid residues on chilli and its risk assessment.</i> Veena Rao U, Soudamini Mohapatra Nagapooja Y.M, Lekha S and Shambulinga G Indian Institute of Horticultural research(ICHR), Bangalore, India.
11	PP1-11: <i>A review about microbiological effects in the treatment of pesticides in aquaponics system.</i> Vineetha Mohan, Akshatha Ganesh, Pavithra K, Shanmugham and Ananda H V; Sapthagiri College of Engineering, Bangalore,India.
12	PP1-12: <i>Effects of pesticides on human life cycle through different food channels-A case study.</i> Gouthami B L, Keerthana N, Disha Prabhu and Ananda H V;Sapthagiri College of Engineering, Bangalore,India.
13	PP1-13: <i>A Review about Study of Pesticides Impact on Soil Fertility and Soil Contamination.</i> Ananda H V, Harshitha S A, Harshitha H C and Karthik G;Sapthagiri College of Engineering, Bangalore, Karnataka, India.
14	PP1-14: <i>The role of pesticides in food contamination in present era.</i> Priyanka R, Bhagyalakshmi K S, Sushmitha R, Ananda H V and Ananda S; Sapthagiri College of Engineering, Bangalore, Karnataka, India.
15	PP1-15: <i>Fate and Transportation of Pesticides in Aquatic Environment in Possible Health Impact on Aquatic Life.</i> Pallavi. S, Anil Kumar. K.M, Midhun G, Ashika Onita Nazreth and Shivaraju. H.P JSS University, Mysuru, Karnataka, India.
16	PP1-16: <i>Isolation & molecular characterization of Chloropyrifos tolerant plant growth promoting microorganism from rhizosphere soils of Cajanus cajan for vegetable production.</i> Durgesh Kumar Jaiswal, Jay PrakashVerma, Janardan Yadav and Aanad Kumar Gaurav; Banaras Hindu University, Varanasi, Uttar Pradesh, India.
17	PP1-17: <i>Quality Monitoring by Index method: A Case Study of Gayeshpur kulia lake in Nadia.</i> Hemant mukherjee, Suparna Dhar , Madhurima Kanji and Soma Mukherjee; University of Kalyani, Nadia, West Bengal, India.
18	PP1-18: <i>CO composting of selected solid organic wastes from Gandhinagar city, Gujarat.</i> Mohd Arshad Siddiqui; Central University of Gujarat, Gandhinagar, Gujarat, India.
19	PP1-19: <i>Enfluence od E-waste disposal on soil quality and subsequents heavy metals contamination- A Reaearch review.</i> Pankaj Kumar and M.H. Fulekar; Central university of Gujarat, Gandhinagar, Gujarat, India
20	PP1-20: <i>A level of heavy metal pollution in water, fish and sediment of Narmada and Sabarmati River, Gujarat, India.</i> Falguni V. Patel and Asha D. Patel; M. N. College, Visnagar,Gujarat, India.

Day 2

3rd November 2017 (Friday)

Plenary Talk (PT):2

9.30 AM – 10.15 AM

1	PT2-1: <i>Detection and utilization of secondary pesticide targets as biomarkers of pesticide exposures</i> Wayne G. Carter ¹ , Buddhika Wijamunige ¹ , Anusha Wijeskara ¹ , Sreenivasa Rao Amaraneni ^{1,2} ¹ School of Medicine, University of Nottingham, Royal Derby Hospital Centre, Derby DE22 3DT, UK. ² Department of Chemistry, School of Engineering, Dayananda Sagar University, Bangalore, India.
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Invited Talks (IT):2

10.15 AM – 12.55 PM

1	IT2-1: 10.15 – 10.55 AM <i>Applied Mineralogy- for Society and Sustainable development.</i> Parthasarathy.G, CSIR- National Geophysical Research Institute (CSIR-IICT), Hyderabad, Telangana, India.
2	IT2-2: 10.55 – 11.35 AM <i>Materials to molecules: Sustainable Environment to Health care.</i> Chandrasekharam Malapaka; CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, India.

Tea Break

:

11.35 – 11.50 AM

3	IT2-3: 11.50 – 12.30 AM <i>Use of public health insecticides: Indian Govt. Policies and Management of Health Impacts.</i> Suresh Yadav; ICMR-National Institute of Occupational Health (ICMR-NIOH), Ahmedabad, Gujarat, India.
4	IT2-4: 12.30 – 01.10 AM <i>Impact of pesticides on agricultural crops pest, American bollworm (Helicoverpa armigera)</i> Sreeramulu K;Gulbarga University, Gulbarga,Karnataka,India.

Lunch

:

01.10 - 02.00 PM

Oral Presentations(OP):2.1		02.00 – 03.30 PM	Chairperson:
1	OP2.1-1: <i>Characterisation of actinomycetes and residual analysis of cypermethrin and chlorpyrifos from coffee plantation soil of Chikmagalur, Karnataka.</i> Sunitha B.J and Onkarappa R; Department of Studies and Research on Microbiology, Sahyadri Science College (Auto), Shivamogga, Karnataka, India.		
2	OP2.1-2: <i>Multifaceted Actinomycetes: Pesticide degraders, Biocontrol Agents and Plant Growth Promoters.</i> Gautham S A, Arpan Kumar Maiti, Sunil S; School of Basic and Applied Sciences, Dayananda Sagar University, Bangalore, India.		
3	OP2.1-3: <i>Managing Leaf curl in Chilli through Indigenous Farmers' Knowledge: Case studies from NIF-India.</i> Satya Singh, Hardev Choudhary; National Innovation Foundation- India, Grambharti, Gandhinagar, Gujarat, India.		
4	OP2.1-4: <i>Dissipation of tebufenpyrad on tomato and its risk assessment.</i> Nagapooja Y.M. Soudamini Mohapatra, Lekha S., Veena Rao U Shambulinga G. Danish P.R; Indian Institute of Horticultural research, Bangalore, India.		
5	OP2.1-5: <i>Effect of pesticides on earthworm mortality in field conditions with or without pesticides applications.</i> Rashi Miglani, S.P.S Bisht; D.S.B Campus, Kumaun University, Nainital, Uttarakhand, India.		
6	OP2.1-6: <i>Analysis of bioactive components extracted from Tagetes erecta and Tagetes patula - Its effect on pests.</i> Pavithra R Keerthana Kannan Keerthy B N, Sasmita Sabat; PES University, Bangalore, Karnataka, India.		
7	OP2.1-7: <i>Spinoff effects of pesticides on environment and human health.</i> Sugeetha.G, Pankaja.N.S, Vijayalaxmi Kamaraddi; College of Agriculture, V. C. Farm, Mandya, Karnataka, India.		
Tea Break		03.30 – 03.45 PM	
Oral Presentations(OP):2.2		03.45 – 05.00 PM	Chairperson:
1	OP2.2-1: <i>Phytoremediation: An exploring Technique against pesticide and heavy metal pollution.</i> Krupa Unadkat and Punita Parikh; The Maharaja Sayajirao University of Baroda, Vadodra, Gujarat, India.		
2	OP2.2-2: <i>Lichens as a source of natural pesticides.</i> Vinayaka S Kanivebagilu; Kumadvathi First Grade College, Shikaripura, Shimoga, Karnataka, India.		
3	OP2.2-3: <i>Assessment of contaminants of emerging concerns (CECs) and possible health risks through water and waste water contamination in Mysore city.</i> Shivaraju HP, Loide N N Shipingana, Anil Kumar KM, Pallavi S, Midhun G, Ashika Onita Nazareth, KM, Suryalakshmi C K; JSS University, Mysuru, Karnataka, India.		
4	OP2.2-4: <i>A study on accumulation of pesticides and heavy metals in the mango plantations of muthalamada panchayath, palakkad, kerala, India.</i> Chandini P.K, Fijimol Jose and Rajathy Sivalingam; Cochin University of Science and Technology, Cochin, Kerala, India.		
5	OP2.2-5: <i>Significance of soil organic matter in pesticide degradation.</i> R.Y.Hiranmai and Kamaraj.M; Central University of Gujarat, Gandhinagar, Gujarat, India; College of Biological and Chemical Engineering, Addis Ababa Science and Technology University, Addis Ababa, Ethiopia.		
6	OP2.2-6: <i>Recent Advances of Enzymatic Assay: Micro to Nano and Its Application.</i> Kanchanmala Deshpande; Goa University, Goa, India.		
Poster Presentations(PP):2		05.00 – 06.30 PM	
1	PP2-1: <i>Impact of vehicular emission on soil nutrient quality of selected regions Ahmedabad city.</i> Snigdha Singh and Hiranmai Yadav.R; Central University of Gujarat, Gandhinagar, Gujarat, India		
2	PP2-2: <i>Recruitment and Characterization of soil borne fungi for bioaccumulation of xenobiotic dyes.</i> Hemalatha, M., Kavya S, Pratiksha, C, and Gautham.S.A; School of Basic and Applied Sciences, Dayananda Sagar University, Bangalore, India.		
3	PP2-3: <i>Effect of water in diesel emulsification a novel idea for enhanced engine performance and reduced emissions.</i> Anil M D, Vinayak Hemadri and Mrityunjaya Swamy K M; Srinivas School of Engineering, mangalore, Karnataka, India and Dayanand Sagar University, Bangalore, Karnataka, India.		
4	PP2-4: <i>Selective Extraction of Cu²⁺ from Aqueous medium using a Schiff base ligand: A Novel Turn-on Fluorescent Sensor.</i> Soumi Betal and Soma Mukherjee; University of Kalyani, Nadia, West Bengal, India.		
5	PP2-5: <i>The polarographic analysis of copper(II) in various environmental samples using catalytic currents at DME.</i> Giridhar.C, Kanchi.S, Madhusudhan.T.K, Sharmila.S.K and Naidu.N.V.S; Audisankara College of Engineering & Technology, Guntur Andhra Pradesh India and Durban University of Technology, Durban, South Africa and S.V. University, Tirupathi.		

6	PP2-6: <i>Effect of montelukast on aluminium chloride induced cognitive dysfunction in zebrafish model.</i> Loganathan Thilagavathi, Sara Jabeen and Arunachalam Muthuraman; Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka, India.
7	PP2-7: <i>Effect of zileuton on cigarette smoke extract induced cognitive impairment in zebrafish model.</i> Seema Mudhol and Arunachalam Muthuraman; Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka, India.
8	PP2-8: <i>Effect of lithium carbonate on imidacloprid induced cognitive dysfunction in zebrafish model.</i> Shreenidhi Goolipura Ranganatha and Arunachalam Muthuraman; Jagadguru Sri Shivarathreeshwara University, Mysuru, Karnataka, India.
9	PP2-9: <i>Assessment of the emerging contaminant Triclosan (TCS) effect on estuarine microalga Chaetoceros calcitrans.</i> E. Kaarunya. E, Akshaya. M, Somasundaram. S. T, Anantharaman. P; Lady Doak College, Affiliated to Madurai Kamaraj University, Madurai, Tamil Nadu, India and Annamalai University, Parangipettai, Tamil Nadu, India
10	PP2-10: <i>Pesticide-Induced Mitochondrial Diseases.</i> Spoorthi B C, Gautham S A and Arpan K. Maiti; School of Basic and Applied Sciences, Dayananda Sagar University, Bangalore, Karnataka, India.
11	PP2-11: <i>Crude Oil/PAHs Degradation and Optimization Studies using Stenotrophomonas rhizophila KX082814 strain through Response Surface Methodology using Box-Behnken Design.</i> Praveen Kumar S V, Manjunatha B K, Sri Raksha H G and Durgashree C; The Oxford College of Engineering, Bengaluru, Karnataka, India.
12	PP2-12: <i>Impact of different saturated hydrocarbons on Channa punctatus.</i> Sohini Singh, Surabhi Singh, divya Kaushik, Abhishek Garg, Udai Pratap Singh and Archana Kumar; Amity University Uttar Pradesh, Noida, Uttar Pradesh, India.
13	PP2-13: <i>Synthesis and anti-dperessant properties of pyrido[3,2.F] azepine group.</i> Jyothsna Pragathi Yazala and Rudraraju Ramesh Raju; Acharya Nagarjuna University, Nagarjuna Nagar, Andhra Pradesh, India.
14	PP2-14: <i>A novel green synthetic approach for the synthesis of N-tosylaziridines catalyzed by water and organic soluble Mn-TPP-(PEO1500)₄.</i> Raveendra Reddy. G and Veera Reddy. T; Vikrama Simhapuri University, Nellore, Andhra Pradesh, India
15	PP2-15: <i>Utmost significance of phytofabricated selenium nanoparticle towards disease causing vector.</i> Yazhiniprabha. M and Vaseeharan. B; Alagappa University, Science campus, Karaikudi, Tamilnadu, India.
16	PP2-16: <i>CuO/ZnO nanocomposites: Synthesis, characterization, optical, electrochemical and photocatalytic performance.</i> Uma. B, Anantharaju. K. S, Renuka. L and Vidya. Y. S; Dayananda Sagar College of Engineering (DSCE); East West Institute of Technology; Dr. D. Premchandra Sagar Centre for Advanced materials, DSCE, and Lal Bahadur Shastri Government First Grade College, Bengaluru, Karnataka, India.
17	PP2-17: <i>The Environmentally Benign Sinergy of Sustainable Ionic Liquids Coupled with Solid Supports and Microwave Irradiation in Diels-Alder Reactions.</i> Vinoth Kumar. G and Rajendran. A. Bharathiar University, Coimbatore, India and Sir Theagaraya College, Chennai, India.
18	PP2-18: <i>Comparative study of degradation of Thiocarbamate pesticide using semiconductor and different irradiation sources.</i> Geeta V. Patel, Saurabh K. Patel. Veer Narmad South Gujarat University, Surat, Gujarat, India
19	PP2-19: <i>An Advance Approach in Drug Delivery System.</i> Veronica Deekala, Jyothsna Pragathi Yazala, Srinivasa Rao Pinapati Ramesh Raju Rudraraju. Acharya Nagarjuna University, Andhara Pradesh, India.
20	PP2-20: <i>Effect of Potato emitted allelochemical cues on Chelonus blackburni Cameron.</i> Surabhi Singh, Pritam Maity, Udai Pratap Singh and Archana Kumar, Amity University, Noida, Uttar Pradesh, India

Cultural Program: 06.30 – 08.00 PM

Banquet Dinner : 08.00 – 09.30 PM

Day 3

4th November 2017 (Saturday)

Invited Talks (IT):3

0 9.30 – 11.15 AM

1	IT3-1: 09.00 – 09.40 AM <i>Functionalized carbon nanotubes/substrates as novel platforms in electrochemical sensing: Application Study (pH Sensor etc.).</i> Pandurangappa. M; Bangalore University, Bengaluru, India.
2	IT3-2: 09.40 – 10.20 AM <i>Targeting protein-protein interaction site of β-Clamp in Helicobacter pylori yields micromolar inhibition by diflunisal.</i> Gourinath. S; Jawaharlal Nehru University, New Delhi, India.

3	IT3-3: 10.20 – 11.00 AM <i>Role of Analytical chemistry in Water Treatment.</i> TNVV Rao; AQUAMARK, Bangalore, Karnataka,India
Tea Break: 11.00 – 11.15	
4	IT3-4: 11.15 – 11.45AM <i>Implication of Antibiotic residues in milk and Prospects for Organic milk – a Review.</i> Pandiyam C; Veterinary College and Research Institute, Tirunelveli, Tamil Nadu, India.
Oral Presentations:3.1 11.45 AM – 01.15 PM Chairperson:	
1	OP3.1-1: <i>Effectiveness of an educational program to promote pesticide safety among vegetable farmers in Delhi, India</i> Ajit Pal Singh, MBBS MPH; R S Chapman MD; Wattasit Siriwong; Surasak Taneepanichskul MD; College of Public Health Sciences, Chulalongkorn University, Bangkok, Thailand.
2	OP3.1-2: <i>Blood cholinesterase level of pesticide exposure and health effect: a cross-sectional study among rice farmers</i> <i>Phimai, Nakhon Ratchasima, Thailand.</i> Ekarat Sombatsawat and 2Wattasit Siriwong; College of Public Health Sciences, Chulalongkorn University, Bangkok, Thailand.
3	OP3.1-3: <i>Biopesticides-A Boon for Agriculture.</i> K. Veerabhadram; GITAM Institute of Technology, GITAM University, Visakhapatnam, India.
4	OP3.1-4: <i>Fluorescent Sensing of Cyanide using small molecule Chemosensor in Aqueous Environment.</i> Soma Mukherjee, Ait Kumar Paul, Shrabani Talukder; University of Kalyani, Nadia, West Bengal, India.
5	OP3.1-5: <i>Spectrophotometric determination of Palladium by the coloration with 2-Mercaptoethanol.</i> Nagaraj.P, Gopalakrishna Bhat.N, Chandrashekhara.K.G and Sharada Priyadarshini Yenepoya Institute of Technology, Mangalore, Karnataka, India ; Srinivas Institute of Technology, Mangalore, Karnataka, India; Sahyadri College of Engineering and Management, Adyar, Mangalore, Karnataka, India.
6	OP3.1-6: <i>Incidence of chemical adulterants in market milk.</i> Rajarajan G. <i>Veterinary College and Research Institute, Orathanadu, Tamil Nadu, India.</i>
7	OP3.1-7: <i>Detection of Common adulterants in the milk sold in Tiruvannamali.</i> N.Karthikeyan; Veterinary College and Research Institute, Namakkal, Tamil Nadu.
Lunch 01.15 – 02.00 PM	
Oral Presentations(OP):3.2 02.00 – 03.45 PM Chairperson:	
1	OP3.2-1: <i>Exalted response of Trichogrammatids towards brinjal variety Pusa Uttam</i> Udai Pratap Singh, Surabhi Singh and Archana Kumar, Amity University, Noida, Uttar Pradesh, India
2	OP3.2-2: <i>Effect of glyphosate based herbicide in female wistar rats and their pups throughout their gestation period.</i> Jyoti Upadhyay; Kumaun University Campus, Bhimtal, Uttarakhand, India.
3	OP3.2-3: <i>Effect of acute toxicity of selenium exposure on accumulation, oxidative stress and antioxidant response of Oreochromis mossambicus.</i> Gobi Narayanan Gobi, Baskaralingam Vaseeharan Sekar Vijayakumar; Alagappa University, Tamil Nadu, India.
4	OP3.2-4: <i>Influence of ageing on quality of a liquid organic formulation used to increase soil fertility.</i> Mamatha; KLE University's College of Pharmacy, Bengaluru, Karnataka, India
5	OP3.2-5: <i>Preparation and characterization of Nano- cartaphydrochloride –An Insecticide for application to rice fields.</i> Venugopal.N.V.S and Sainadh.N.V.S; GITAM Institute of Technology, GITAM University, Visakhapatnam, Andhra Pradesh, India.
6	OP3.2-6: <i>Decline of environment and human health due to advent of nanotechnology.</i> Pankaja, N. S, Sugeetha, G and Mahadev, J; College of Agriculture, V. C. Farm, Mandya, Karnataka, India.
7	OP3.2-7: <i>Ecotoxicity of chemically synthesized ZnO NPs on the freshwater microcrustacean Ceriodaphnia cornuta.</i> Sekar Vijayakumar Baskaralingam Vaseeharan Narayanan Gobi; Nanobiosciences and Nanopharmacology Division, Biomaterials and Biotechnology in Animal Alagappa University, Science Campus, Tamil Nadu, India.
8	OP3.2-8: <i>Emerging challenges towards Human Health: Syntheses and utility of pyranocarbazole derivatives as potential antimalarial agents.</i> Sridharan M; RV College of Engineering, Bangalore, Karnataka, India.
9	OP3.2-9: <i>Allelopathic effect of Datura extracts on germination of beans seeds.</i> Nandini D, Manjunatha R and Ravikumar B.S; Trans Disciplinary University, Bengaluru, Karnataka, India
IUPAC: Brief Presentation about International Union of Pure And Applied Chemistry(IUPAC) by Prof Arunan.E, IPC, IISc, Bangalore 03.45-04.00 PM	
Valedictory, Certificate Distribution, Best Paper Awards. Time:04.00 – 05.00 PM	
High Tea	