

SCHEDULE FOR
ORAL/POSTER/
YOUNG SCIENTIST
AWARDS
PRESENTATIONS



Sant Longowal Institute of Engineering and Technology
(Deemed-to-be-University, under MHRD, Govt. of India)

POSTER PRESENTATIONS

Feb 7, 2020- Day 1

Poster Session: 05. 45 – 06.45 P.M. (Section A, C)

Feb 8, 2020- Day 2

Poster Session: 05. 00 – 06.00 P.M. (Section B, D, E)

PRESENTATIONS FOR YOUNG SCIENTIST AWARD

Feb 8, 2020-Day 2

Young Scientist Award

02.00 P.M -05:00P.M.

Technical Session II (Parallel) (DAY 02)

Feb 8, 2020 - 02. 00 P.M – 05.00 P.M.

Section A: Agriculture, Biosciences, Biotechnology etc.						
S. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Mamta Thakur ^{1*} and Vikas Nanda ¹	¹ Department of Food Engineering and Technology Sant Longowal Institute of Engineering and Technology (Deemed-to-be-University), Longowal - 148106 (Punjab)	thakurmamtafoodtech@gmail.com	Botanical discrimination of Indian bee pollen based on polyphenolic composition and antioxidant activity: A multivariate approach	Oral	YAP-01
2.	Abhishek Kumar*, Meenu Patil, Pardeep Kumar and A. N. Singh [†]	Department of Botany, Punjab University, Chandigarh, 160 014, India	abhikumar.pu@gmail.com , abhikumar8@pu.ac.in	Litter decomposability traits as a tool for plant invasion in an urban environment of north-western Siwalik region, India	Oral	YAP-02
3.	Shekhar Kumar	Ph.D. Research Scholar, Geography Discipline, School of Sciences Indira Gandhi National Open University, New Delhi	kumarshekhar19@yahoo.co.in	Climate Change in Punjab- Longterm Trends in Temperature & Rainfall	Oral	YAP-03
4.	Surbhi Goyal* and Jagdish Singh	Department of Biotechnology, Mata Gujri College, Fatehgarh Sahib -140407	surbhi@pbi.ac.in	Antibiofilm potential of biosurfactant produced by food isolate Enterococcus faecium	Oral	YAP-04
5.	Balwinder Singh Sooch ¹ and Manpreet Kaur Mann ^{1*}	¹ Enzyme Biotechnology Laboratory, Department of Biotechnology, Punjab University, Patiala	soochb@pbi.ac.in, manpreetmann.web@gmail.com	Nanoreinforced Biodegradable Food Packaging Film for The Enhancement of Shelf Life Of Indian Tomato	Oral	YAP-05
6.	Vaishali* and Dr. S.S. Hundal	Punjab Agricultural University, Ludhiana	vaishalirana894@gmail.com , hundalswarndeept@gmail.com	Environmental effects on fish diversity of Nangal Wetland	Oral	YAP-06
7.	Shahida Nisar ^{*a} , Dinesh Kumar Benbi ^a	^a Department of Soil Science, Punjab Agricultural University, Ludhiana, 141004	s.aamina22@gmail.com	Does no-tillage without residue retention sequester and stabilize carbon in surface and sub-surface soil layers?	Oral	YAP-07
8.	Rouf Ahmad Dar ^{1*} , Urmila Gupta Phutela ²	¹ Department of Microbiology, Punjab Agricultural University, Ludhiana-141004, Punjab, India ^{1,2} Department of Renewable Energy Engineering, Punjab Agricultural University, Ludhiana-141004, Punjab, India	roufdar-mb@pau.edu ; roufulramzan086@gmail.com	Cultivation of mixed microalgae population in open air pond and its valorization to biogas	Oral	YAP-08
9.	Bharti Gautam	Pi of A Project Under Syst, DST, New Delhi	bhartig90@gmail.com	Optimization of protocol for indoor vertical garden using different nutrient formulations and light intensities	Oral	YAP-09

10.	Reetu Bhanot*, S.S. Hundal ¹	**Ph.D Scholar, Department of Zoology, Punjab Agricultural University, Ludhiana, 141004 ¹ Professor, Department of Zoology, Punjab Agricultural University, Ludhiana, 141004, India	bhanot.reetu@yahoo.com	Cellular biomarkers in monitoring untreated sewage water induced physiological stress in fish <i>Labeo rohita</i>	Oral	YAP-10
11.	Sachin Kumar and Tejdeep Kler	Department of Zoology, Punjab Agricultural University, Ludhiana	810sachinkumar@gmail.com	Winter Migration of Himalayan Bulbul	Oral	YAP-11
12.	Harmandeep Kaur , ¹ Pushp Sharma and ¹ Virender Sardana	Department of Botany, ¹ Department of Plant Breeding and Genetics, Punjab Agricultural University, Ludhiana	harmandeep841@gmail.com	Impact of terminal heat stress on Phenophases, Photosynthetic traits and Seed filling in (<i>B juncea</i> L.)	Oral	YAP-12
13.	Kanika Issar	Department of Horticulture, Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun	Kanika.phd@gmail.com	Utilization of apple pomace fibre for the preparation of fibre enriched apple juice	Oral	YAP-13
14.	ਪੂਜਾ ਮਨਚੰਦਾ ¹ , ਅਨੂ ਕਾਲੀਆ ² ਅਤੇ ਜੀ.ਐੱਸ. ਸਿੱਧੂ	¹ ਸਕੂਲ ਆਫ ਐਗਰੀਕਲਚਰਲ ਬਾਇਓਟਕਨੋਲੋਜੀ, ² ਇਲੈਕਟਰੋਨ ਮਾਇਕਰੋਸਕੋਪੀ ਅਤੇ ਨੈਨੋਸਾਇੰਸ ਲੈਬੋਰਟਰੀ, ਡਿਪਾਰਟਮੈਂਟ ਆਫ ਸੋਇਲ ਸਾਇੰਸ, ਪੰਜਾਬ ਐਗਰੀਕਲਚਰਲ ਯੂਨੀਵਰਸਿਟੀ, ਲੁਧਿਆਣਾ-141004	poojamanchanda5@pau.edu	ਮਿੱਠੇ ਦੇ ਫਲ ਅਤੇ ਕੈਲਸ ਰਾਹੀਂ ਤਿਆਰ ਕੀਤੇ ਈਕੋ ਫ੍ਰੈਂਡਲੀ ਸਿਲਵਰ ਨੈਨੋਪਾਰਟੀਕਲਜ਼ ਦੀ ਐਂਟੀਐਕਸੀਡੈਂਟ ਅਤੇ ਰੋਗਾਣੂਨਾਸ਼ਕ ਪੜਤਾਲ	Oral	YAP-14

Technical Session II (Parallel) (DAY 02)

Feb 8, 2020 - 02. 00 P.M – 05.00 P.M.

Section B: Applied Chemistry, Applied Physics, Sugar Technology, Pharmacy, Food Technology and Textile Chemistry						
S. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Himanshu Verma* and Om Silakari	Molecular Modelling Lab (MML), Department of Pharmaceutical Sciences and Drug research, Punjabi University, Patiala, Punjab, 147002, India	vhimanshu975@gmail.com	Pharmacophore and Docking Based Virtual Screening of Non-Covalent Inhibitors of DprE1: Synthesis and Biological Evaluation	Oral	YBP-01
2.	Reetu*, Aayush Wadhwa, Barinderjit Singh	Department of Food Science and Technology, I.K.G. Punjab Technical University, Kapurthala	reetupalthania@gmail.com	Iron Biofortification of Sorghum by Soaking and Germination: Effect on Proximate Composition, Iron, Bioactive and Functional Properties	Oral	YBP-02
3.	Nisar A. Mir ^{a*} , Charanjit S. Riar ^a , Sukhcharn Singh ^a	Department of Food Engineering & Technology, Sant Longowal Institute of Engineering & Technology, Longowal, Punjab	nisarmir89@gmail.com	Effect of pH, high-intensity ultrasound, and heat treatment on the features and performance of lysozyme incorporated films developed from quinoa protein isolates	Oral	YBP-03
4.	Jyotsna Tandon ^{1,2} , Aruna bhatia ¹ , Reetu, ^{2*} Manpreet Saini ¹	¹ Immunology and Immunotechnology laboratory, Department of Biotechnology Punjabi University, Patiala ² Department of Food Science & Technology Punjab Technical University, Kapurthala (Punjab)	reetupalthania@gmail.com	To study the application of bacteriocin produced by Lactobacillus acidophilus NCDC 343 to enhance the shelf life of apple juice	Oral	YBP-04
5.	Vandna Sharma ^{a, b*} and Pankaj Kumar ^{a, b}	Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, ^b Centre for Liquid Crystal Research, Chitkara University Research and Innovation Network, Chitkara University, Rajpura, Patiala-140401, Punjab	shandlyavandna90@gmail.com pankaj.kumar@chitkara.edu.in	Effect of Dichroic Dyes and Nano Scale Particles on the Electro Optic Performance of Polymer Dispersed Liquid Crystal: An Advancement in Display Applications	Oral	YBP-05
6.	Puneet Kaur*, Ramandeep Kaur and Mansi Goyal	Department of Chemistry, Punjab Agricultural University, Ludhiana-141004, India	puneetkaur1166@gmail.com	Structural characterization of rice straw xylan and its controlled acid hydrolysis to prebiotic xylooligosaccharides	Oral	YBP-06
7.	Rohini ^{a*} , B.K.Kanungo ^b , Minati Baral ^c and Vijay Luxami ^a	^a School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala-147001, India. ^b Department of Chemistry, Sant Longowal Institute of Engineering & Technology, Longowal, Punjab-148106, India. ^c Department of Chemistry, National Institute of Technology Kurukshetra, Haryana-136119, India		Comparative Studies of Eu ³⁺ and Tb ³⁺ Macrocyclic Complexes: Experimental and Theoretical Study	Oral	YBP-07
8.	Shalki Choudhary*, Om Silakari	Molecular Modeling Lab (MML), Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab, 147002, India	shalki.aish@gmail.com	Neuroprotective and Nephroprotective Effects of Novel Epalrestat-Based Mutual-Produgs in Rat Model of Type 2 Diabetes	Oral	YBP-08

9.	Rupinder Kaur ^{1*} , Parmjit S. Panesar ¹ and Ram S. Singh ²	¹ Food Biotechnology Research Laboratory, Department of Food Engineering and Technology, Sant Longowal Institute of Engineering and Technology, Longowal-148106, Punjab, India ² Department of Biotechnology Punjabi University, Patiala	29.rupinderkaur@gmail.com	Biotechnological Strategies for the Production of Galactooligosaccharides using fungal β -Galactosidase	Oral	YBP-09
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Technical Session II (Parallel) (DAY 02)

Feb 8, 2020 - 02. 00 P.M – 05.00 P.M.

Section C: Chemical, Mathematical and Physical Sciences						
S. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Jyoti bala kaundal and Y C Goswami	ITM University Gwalior	kaundal.jyoti@gmail.com , ygoswami@gmail.com	Synthesis of ZnO/CdS Nanocomposites by hydrothermal route	Oral	YCP-01
2.	Saniya Monga ^{1*} , Harjeet Kaur ¹ , Sudhir R. Jain ²	¹ Department of Physics, Guru Nanak Dev University, Amritsar-143005 ² Nuclear Physics Division, Bhabha Atomic Research Centre, Mumbai 400 085	saniyamonga3994@gmail.com	Extension of the periodic table-A journey towards the island of stability	Oral	YCP-02
3.	Munish Kansal	School of Mathematics, Thapar Institute of Engineering and Technology, Patiala-147004, India	munish.kansal@thapar.edu	A general class of matrix iterative methods for computing generalized outer inverse	Oral	YCP-03
4.	Mandeep Kaur*, Sukhjit Singh and Bindiya Arora	Department of Physics, Guru Nanak Dev University, Amritsar, Punjab-143005, India.	mandeepkaur2227@yahoo.com	Evaluation of Dynamic Quadrupole Polarizabilities of Rb and Cs atoms at Magic Wavelengths .	Oral	YCP-04
5.	Rajinder Kaur ^{1a)} and Atul Khanna ¹	¹ Sensors and Glass Physics Laboratory, Department of Physics Guru Nanak Dev University, Amritsar, Punjab, India.	rajinderkphy.rsh@gndu.ac.in	Structural studies of strontium tellurite glass and anti-glass phases by high energy X-ray diffraction, Reverse Monte Carlo simulations and Raman spectroscopy	Oral	YCP-05
6.	Ankit Kumar ^{*1} , Sachin Kumar ¹ , Karan Bansal ¹ , Pravin Kumar ² and A.S. Dhaliwal ¹	¹ Department of Physics, Sant Longowal Institute of Engineering and Technology, Longowal ² Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi 110067	ankitkumarmittal007@gmail.com	Phase Stabilization Analysis of Zirconia and Ytria-Stabilized Zirconia Target	Oral	YCP-06
7.	Avtar Singh, Srinivasan Easwar			Small Peptides in Organocatalysis : Asymmetric Aldol reaction mediated by an ion-tagged proline-histidine Dipeptide	Oral	YCP-07

Technical Session II (Parallel) (DAY 02)

Feb 8, 2020 - 02. 00 P.M – 05.00 P.M.

Section D: Engineering Sciences (All Branches including computational sciences)						
S. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Ravi Sharma ¹ , Ajay K Sharma ¹ , Nonita Sharma ¹	¹ Computer Science and Engineering, Dr. B R Ambedkar National Institute of Technology, Jalandhar, India	ravis.cs.19@nitj.ac.in, drsharmaajayk@gmail.com, nonita@nitj.ac.in	A Deep Learning Framework for Earthquake Prediction	Oral	YDP-01
2.	Ruchika Thukral, Ashwani Kumar Aggarwal A.S. Arora, Gulshan	Department of Electrical & Instrumentation Engineering, Sant Longowal Institute of Engineering and Technology, Longowal, Punjab-148106	engg.ruchika@gmail.com ashwani.ist@gmail.com , ajatsliet@yahoo.com , kumargulshan654@gmail.com	Utility of Thermography In Rural Communities For Early Detection Of Cancer	Oral	YDP-02
3.	Joncy Jindal ¹ , Komal ²	¹ Bhai Gurdas Institute of Engineering and Technology Sangrur-148106 ² Sant Longowal Institute of Engineering and Technology, Sangrur-148106	jindal.leo@gmail.com komal.mangalsliet2k21@outlook.com	Comparison of DC Armature Controlled Motor Design Using Mathematical Modeling and Transfer Function Modeling in Simulink	Oral	YDP-03
4.	Kunal Kumar	SLIET, Longowal	kunalkeshri329@gmail.com	Impact of controlled and uncontrolled charging of electrical vehicles on a residential distribution grid	Oral	YDP-04
5.	Shailender*, Omkar, Simranjit singh , Navneet Kaur Bhullar	Department of Chemical Engineering, Chandigarh University Gharuan, mohali, Punjab, India	kumarshail512@gmail.com	Making of Dhoopbatti From Waste Flowers	Oral	YDP-05
6.	Anil Kumar*, Avinash Thakur ² , Parmjit Singh Panesar ³	^{1, 2} Research Laboratory-III, Department of Chemical Engineering, Sant Longowal Institute of Engineering and Technology, Longowal - 148 106, Punjab, India ³ Food Biotechnology Research Laboratory, Department of Food Engineering and Technology, Sant Longowal Institute of Engineering and Technology, Longowal - 148 106, Punjab, India	anilchaudharyaec03@gmail.com	Application of Sustainable Solvents in the Emulsion Liquid Membrane (ELM) based Separation Processes	Oral	YDP-06
7.	Jastej Singh*, A.S. Shahi	Department of Mechanical Engineering, Sant Longowal Institute of Engineering & Technology (SLIET) (Deemed to be University), Longowal, Sangrur-148106 (Punjab), India	jastej87@gmail.com , jastejsingh@sliet.ac.in	Electron Beam Welding of Duplex Stainless Steel: Corrosion Behavior of Weld Metal	Oral	YDP-07

8.	Karminder Singh	SLIET, Longowal	karmindersingh0001@gmail.com	Wireless sensor network on energy saving algorithm	Oral	YDP-08
9.	Parvinder Kaur, Mritunjay*, Shivendra Pratap Singh*	Chandigarh College of Engineering and Technology, Degree Wing, Chandigarh	tutowk.official@gmail.com	Plant Intelligence and Communication: A Survey	Oral	YDP-09
10.	Rishabh Bhardwaj ¹ , Aman ² , Abhilash Mishra ¹ , Md. Tarique Anwar ¹	¹ Dept of Mechanical Engineering, St. Andrews institute of Technology & Mangement, Gurugram ² Dept of Mechanical Engineering, MDU Rohtak	rishabhb15@gmail.com	Elimination Of Defects In Footwear Industries By Quality Circle	Oral	YDP-10
11.	Dr. Pardeep Bishnoi[1], Dr. M.K. Sinha[2]	Department of Mechanical Engineering, Chandigarh Engineering College, Mohali Department of Mechanical Engineering, NIT Jamshedpur, Jharkhand, India	pardeep.4318@cgc.edu.in	Investigation Of The Diabetic Level In Patients Through Computational Fluid Dynamics	Oral	YDP-11

Technical Session II (Parallel) (DAY 02)

Feb 8, 2020 - 02. 00 P.M – 05.00 P.M.

Section E: Medical and Veterinary Sciences						
S. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	¹ Ramandeep Kaur, ² Sankalp Sancheti, ³ Akash Pramod Sali and ⁴ Puneet Somal	Homi Bhabha Cancer Hospital, Sangrur	kaurramandeep7837@gmail.com , Sankalpsancheti123@rediff.com , aakki1910@gmail.com , puneet.somal@gmail.com	Comparison of Antigen Retrieval Methods in Immunohistochemistry	Oral	YEP-01
2.	¹ Gagandeep Kaur, ² Sankalp Sancheti, ³ Akash Pramod Sali and ⁴ Puneet Somal	Homi Bhabha Cancer Hospital, Sangrur	kaurgagandeep7837@gmail.com , sankalpsancheti123@rediff.com , aakki1910@gmail.com , puneet.somal@gmail.com	Methods of Quality Control Preparation in Immunohistochemistry	Oral	YEP-02
3.	Faheem Sultan* and Rajdeep Kaur	Department of Veterinary Pharmacology & Toxicology GADVASU, Ludhiana-141004 (INDIA)	faheemsltn@gmail.com	Pre-treatment with rosuvastatin protects against B-agonist-induced myocardial injury by attenuation of oxidative stress and inflammation involving modulation of different factors	Oral	YEP-03
4.	Shashi A*; Ruhi Thakur	Department of Zoology and Environmental Sciences, Punjabi University, Patiala -147002, Punjab, India.	shashiuniindia@yahoo.co.in	Therapeutic Effect Of Boerhaavia Diffusa L. On Scanning Electron Microscopy Of Dissociated Pancreatic Acinar Cell Surfaces Induced By Fluoride	Oral	YEP-04
5.	Manoj Kumar* and Dr. Om Silakari	Molecular Modeling Lab, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, 147002	manojbhandari491@gmail.com	Dual Inhibitors for the Management of Diabetic Complications: Designing, Synthesis and Biological Evaluation	Oral	YEP-05

ORAL PRESENTATIONS

[Sect. A, B, C, D & E]

Oral Presentations: 04:15 - 05:45 P.M.- Feb 7, 2020 - Day 01

Oral Presentations: 11:30 AM-01:00 P.M.- Feb 8, 2020 - Day 02

Oral Presentations: 11:30A.M.- 01:00 P.M. - Feb 9,2020- Day 03

Technical Session I (Parallel) (DAY 01): ORAL PRESENTATION

Feb 7, 2020: 04. 15 – 05.45 P.M.

Section A: Agriculture, Biosciences, Biotechnology etc.						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Kamlesh Kumari ¹ , Dr. Anil Gupta ² , Dr. Harmanjot Kaur ³	¹ Research Scholar Department of Zoology, Desh Bhagat University, Mandi Gobindgarh. ² Research Guide, Dean Research, Desh Bhagat University, Mandi Gobindgarh, Punjab. ³ Research Co-Guide, Former Associate Professor, Desh Bhagat University, Mandi Gobindgarh, Punjab.	kamlesh.shivalikcollege@gmail.com	A community based study on prevalence of pre-diabetes and awareness regarding Diabetes mellitus in urban areas of Anandpur Sahib in Punjab	Oral	AO-01
2.	Sakshi Goyal ^{1*} , Sanjula Sharma ¹ , Javed Akhtar ¹ , Pooja Shekhawat ¹ , Meenakshi Mittal ¹ and SS Banga ¹	¹ Department of Plant Breeding and Genetics, Punjab Agricultural University, Ludhiana-141004	1396sakshi@gmail.com	Genomic Regions Associated with Nitrogen Uptake and Assimilation in Brassica rapa	Oral	AO-02
3.	Neelam Bhatia, Harmanjot Kaur and Sidhu	desh bhagat university, mandigobindgarh (punjab)	rjvmukhi@gmail.com, harmankochar@yahoo.com, sidhuinder6@gmail.com	Dermatoglyphics - Embryogenesis and applications – a review	Oral	AO-03
4.	Priya Chugh and Pushp Sharma ¹	Department of Botany, ¹ Department of Plant Breeding and Genetics, Punjab Agricultural University, Ludhiana	priya-bot@pau.edu	Identified physiological traits and stress indices to monitor heat tolerance in Indian mustard (Brassica juncea L Czern. & Coss.)	Oral	AO-04
5.	Jagdish Singh	Department of Biotechnology, Mata Gujri College Fatehgarh Sahib Punjab-147 002	jagdish122@rediffmail.com	Cross-Linked Cellulase Enzyme Aggregates (CLEA): An effective tool to improve enzyme characterization	Oral	AO-05

Technical Session I (Parallel) (DAY 01): ORAL PRESENTATION

Feb 7, 2020: 04. 15 – 05.45 P.M.

Section B: Applied Chemistry, Applied Physics, Sugar Technology, Pharmacy, Food Technology and Textile Chemistry						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Anuradha Saini, Parmjit Singh Panesar* and Manab Bandhu Bera	*Food Biotechnology Research Laboratory, Department of Food Engineering & Technology, Sant Longowal Institute of Engineering and Technology, Longowal-148106, Punjab, India	pspbt@yahoo.com	Lutein: A functional ingredient from citrus fruit peels and their improved delivery through nanoemulsions	Oral	BO-01
2.	Sangeeta Sharma ¹ , Rimpi Mehani ¹ , Neeraj Chopra ² , Veenu Chugh ^{3*}	¹ Department of Applied Sciences, Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab, India. ² Department of Chemistry, Ramgharia Girls College, Ludhiana, Punjab ³ Department of Chemistry, PTU, Jalandher, Punjab	chughveenu1@gmail.com	Synthesis, Characterization and Antibacterial Activities of new bivalent complexes of transition metal halide	Oral	BO-02
3.	Sonia Mahajan, Barinderjit Singh*	Department of Food Science and Technology, I.K.G. Punjab Technical University, Kapurthala.	dr.bsingh@ptu.ac.in	Optimization of the Extraction conditions for polyphenolic compounds from pigeon pea using response surface methodology	Oral	BO-03
4.	Preetinder Kaur, Pawanpreet Singh, Ruchika Zalpouri* and Amrit Kaur	Department of Processing and Food Engineering Punjab Agricultural University, Ludhiana, Punjab	zalpouri28@gmail.com	Monitoring Quality of Fresh Tomato under Retail Packaging in Conventional and Bio-based film	Oral	BO-04
5.	Maninder Kaur *, Ruchika Zalpouri and Preetinder Kaur	Department of Processing and Food Engineering Punjab Agricultural University, Ludhiana, Punjab	mktathgur@gmail.com	Characterization of Allicin and Other Functional Compounds in Minimally Processed Garlic Cloves in different polymeric packages	Oral	BO-05
6.	Nirmaljeet Kaur* and Harish Kumar Chopra	Department of Chemistry, Sant Longowal Institute of Engineering and Technology, Longowal-148106, Distt. Sangrur (Pb.), India	hk67@rediffmail.com /nirmaljeetkaur73@gmail.com*	Synthesis and Application of Carbohydrate-Dbu Based Chiral Ionic Liquids	Oral	BO-06

Technical Session I (Parallel) (DAY 01): ORAL PRESENTATION

Feb 7, 2020: 04. 15 – 05.45 P.M.

Section C: Chemical, Mathematical and Physical Sciences						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Prerna* and Vikas Sharma ^a	School of Mathematics, Thapar Institute of Engineering and Technology, Patiala,	premakushwah14@gmail.com	An algorithm to solve multi-objective integer quadratic programming problem	Oral	CO-01
2.	Sukhveer Singh* ¹ and Parveen Lata ²	¹ Punjabi University APS Neighbourhood Campus, Dehla Seehan, India ² Department of Basic and applied Sciences, Punjabi University Patiala, India.	sukhveer_17@pbi.ac.in, parveenlata@pbi.ac.in	Disturbances due to ramp type heat in a nonlocal thermoelastic solid	Oral	CO-02
3.	Shelly Arora	Department of Mathematics, Punjabi University, Patiala	aroshelly@gmail.com	Study of non-linear singular perturbation equations using OCM	Oral	CO-03
4.	Daljeet Kaur*, Sapna Sharma ^a	School of Mathematics, Thapar Institute of Engineering and Technology, Patiala-147004, Punjab, India	daljeet7933@gmail.com sapna.sharma@thapar.edu	Traffic dynamics with Intelligent Transportation System (ITS)	Oral	CO-04
5.	Dibyajit Dash and B K Kanungo*	¹ Department of Chemistry, Sant Longowal Institute of engineering and Technology, Longowal	dibyajitdash1991@gmail.com	Experimental and theoretical investigation of a newly synthesized hydroxypyridinone (HOPO) based polydentate chelator	Oral	CO-05
6.	Vanita Sharma* and Dr Satish Kumar	School of Mathematics, Thapar Institute of Engineering & Technology, Patiala (147004), Punjab, India	vanita.tiet@gmail.com satishk.sharma@thapar.edu	Scrutinizing electromechanical coupling factor and size dependency on Love-type wave propagating in a piezoelectric smart material	Oral	CO-06
7.	Amrinder Pal Singh	Department of Basic and Applied Sciences, Punjabi University, Patiala-147002	amrinderpalsinghramsingh@yahoo.com	Geometry of Lightlike Hypersurfaces of Indefinite Statistical Manifolds	Oral	CO-07

Technical Session I (Parallel) (DAY 01): ORAL PRESENTATION

Feb 7, 2020: 04. 15 – 05.45 P.M.

Section D: Engineering Sciences (All Branches including computational sciences)						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Dhairya Jain ¹ , Manpreet Singh ² and Navleen S Rekhi ³	^{1,2} Undergraduate Student, Department of ECE, DAVIET, Jalandhar and ³ Assistant Prof., Department of ECE, DAVIET, Jalandhar	dhairyajain9211@gmail.com	Overview of Wireless Charging System	Oral	DO-01
2.	Barasha Mali	Sant Longowal Institute of Engineering and Technology, Sangrur-148106	barashamali@sliet.ac.in	Internet of Things- A review of the Arduino based applications	Oral	DO-02
3.	Ruchika Thukral ^{*a} , Ashwani Kumar Aggarwal, A.S.Arora, Gulshan ^a	^a Electrical and Instrumentation Engineering Department, Sant Longowal Institute of Engineering & Technology, Longowal-148106, Punjab, India	engg.ruchika@gmail.com	Recent Trends In Thermal Imaging For Medical Diagnosis	Oral	DO-03
4.	Surender Kumar ¹ , R.K Bathla ² , Rajan Manro ³	¹ Research Scholar Department of Computer Science, Desh Bhagat University, Mandi Gobindgarh, Punjab. ¹ Head, P.G. Department of Computer Science, Sri Guru Teg Bahadur Khalsa College Sri Anandpur Sahib, Punjab. ² Research Guide, Professor Department of Computer Science, Desh Bhagat University, Mandi Gobindgarh, Punjab. ³ Research Co-Guide, Assistant Professor Department of Computer Science, A.S.College, Khanna, Punjab	Drsurender.sgtb@gmail.com	User Authentication Using Hybrid Approach for Biometric Security by Fusing Face and Fingerprint Traits	Oral	DO-04

5.	Akash Tiwari ¹ , Ankita Omer ^{2,c} , C.Sasikumar ³	¹ M.Tech Research Scholar, of M.S.M.E, MANIT,Bhopal,M.P, India ² Department of Mechanical Engineering, SLIET, Longowal, Pb, India ³ Department of M.S.M.E., MANIT,Bhopal,M.P., India	ankitaomer.biet08@gmail.com	Analysis of Cryo-Rolling of Aluminium and its Alloys	Oral	DO-05
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Technical Session I (Parallel) (DAY 01): ORAL PRESENTATION

Feb 7, 2020: 04. 15 – 05.45 P.M.

Section E: Medical and Veterinary Sciences						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Ashwani Kumar Aggarwal	Department of EIE, Sant Longowal Institute of Engineering and Technology, Longowal	ashwani.ist@sliet.ac.in	Non-Invasive Diagnosis of Breast Cancer Using Near-Infrared Radiations	Oral	EO-01
2.	Pardeep Kaur Sandhu	Department of Zoology, Mata Gujri College, Fatehgarh Sahib, Punjab	pardeepzoology@gmail.com	Effect of Food Additives On Immune System	Oral	EO-02
3.	Inderpreet Kaur, Varinder Pal Singh, Nitin S. Wakchaure and Nivedita Garg*	Department of Dairy Economics and Business Management College of Dairy Science and Technology Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana, Punjab, India, Pin code - 141004	niveditagarg4@gmail.com	Current Status, Constraints and Strategies for Promoting Meat Sector in India With Special Focus on Punjab	Oral	EO-03

Technical Session II (Parallel) (DAY 02): ORAL PRESENTATION

Feb 8, 2020: 11:30 A.M.-01:00 P.M.

Section A: Agriculture, Biosciences, Biotechnology etc.						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Binay Kumar ¹ and Shushma Singh ^{1*}	¹ Department of Biotechnology, NIPER, Mohali, 160062	sushmasingh@niper.ac.in	Pyridoxal kinase: A drug target candidate for Visceral Leishmaniasis	Oral	AO-06
2.	Manmeet Pal Kaur ^{1*} , J K Kondal ¹ and Shanthanagouda A H ²	¹ Department of Zoology, Punjab Agricultural University, Ludhiana. ² Department of Aquatic Environment, College of Fisheries, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	shanthanagouda@gmail.com, manmeetpal37@gmail.com jasjit18@pau.edu	Amelioration and depuration of bioaccumulated chromium in flesh of cyprinus carpio l	Oral	AO-07
3.	Afnan Ashraf*, Kamal Gurmit Singh and Angrej Singh	Department of Soil and Water Engineering, Punjab Agricultural University, Ludhiana, 141004, India	malikafnann@gmail.com	Nutrient reuse system in greenhouse cucumber grown in soilless media	Oral	AO-08
4.	M.I.S. Saggoo, Arneet Grewal and Hardeesh Kaur	Department of Botany, Punjabi University Patiala –147002, Punjab, India	hardeeshkhaira@gmail.com	Cytomorphological investigations in some members of cactaceae from north-west india	Oral	AO-09
5.	Arneet Grewal and Farhana Wani	Department of Botany, Punjabi University Patiala –147002 Punjab, India	farhanawani521@gmail.com	Cytomorphological investigation in some medicinal plants of lamiaceae from kashmir Himalayas	Oral	AO-10

Technical Session II (Parallel) (DAY 02): ORAL PRESENTATION

Feb 8, 2020: 11:30 A.M.- 01:00P.M.

Section B: Applied Chemistry, Applied Physics, Sugar Technology, Pharmacy, Food Technology and Textile Chemistry						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Anupama Parmar* and Twinkle Gautam	Department of Chemistry, M. M. Modi College, Patiala – 147 001 (Pb.)	anupama.parmar1969@gmail.com	Study of Anti-Bacterial Activity on the Roots of Chlorophytum Borivilianum (Safed Musli)	Oral	BO-07
2.	Sukhpreet Kaur*, S.S. Hundal and Manmeet Brar Bhullar	Department of Zoology, Punjab Agricultural University, Ludhiana (Punjab), India	sukhpreettehna@gmail.com	Diversity and Distribution of Aquatic Insects in Ponds of South-West Punjab	Oral	BO-08
3.	Isha Jain*, Kanithi Paul Sanjeev and Payal Malik	Department of Chemistry, Sant Longowal Institute of Engineering and Technology, Longowal	jainisha061@gmail.com	Indium Trifluoromethane Sulfonate Catalyzed Synthesis of Primary Carbamates From Urea and Alcohols	Oral	BO-09
4.	Gurinderjit Kaur ^a , Sunita Sharma ^b , Tanvi Sahni ^a , Diksha Verma ^a and Pardeep Kaur ^a	^a Department of Chemistry, Punjab Agricultural University, Ludhiana-141001 ^b Department of Plant Breeding and Genetics, P.A.U., Ludhiana-141001	sunita_sharma@pau.edu	Synthesis, Characterization and Fungicidal Activity of Substituted-5-((4H-1,2,4-Triazol-4-yl)diazenyl)-hydroxybenzaldehydes	Oral	BO-10
5.	¹ Venus Bansal, ¹ Rekha Chawla and ¹ Santosh Kumar Mishra	College of Dairy Science and Technology, GADVASU, Ludhiana-141004 (Punjab)	venus3b3@gmail.com	Strategies to Reduce Sodium in Cheeses: Consequences on Quality and Safety	Oral	BO-11
6.	Bhupinder Kaur ¹ , Harish Kumar ²	¹ Department of Chemistry, Akal Degree College, Mastuana Sahib, Sangrur(Pb)148001 ² Department of Chemistry, Sant Longowal Institute of Engineering & Technology, Longowal	bhupinder.kd@live.com hk67@rediffmail.com	Ultrasound Promoted Rapid and Green Synthesis of Acridine Diones Using Manganese Perchlorate as Catalyst Under Solvent Free Media	Oral	BO-12

Technical Session II (Parallel) (DAY 02): ORAL PRESENTATION

Feb 8, 2020: 11:30 A.M.- 01:00 P.M.

Section C: Chemical, Mathematical and Physical Sciences						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Ravinder Kumar Sharma* and Sumit Chandok	Thapar Institute of Engineering and Technology, Patiala 147004	ravindersharma880@gmail.com , sumit.chandok@thapar.edu ,	Stability of Complex Linear Functional Equation in Generalized Complex Quasi-Banach Spaces	Oral	CO-08
2.	Vishal Parmar ^{1,†} , Manoj K. Sharma ¹ , S. K. Patra ^{2,3}	¹ School of Physics and Materials Science, Thapar Institute of Engineering and Technology, Patiala 147004, India, ² Institute of Physics, Bhubaneswar 751005, India, ³ Homi Bhabha National Institute, Training School Complex, Anushakti Nagar, Mumbai 400 085, India	physics.vishal01@gmail.com	Thermodynamics of Phase Transition in Asymmetric Nuclear Matter Within Relativistic Mean-Field Framework	Oral	CO-09
3.	Nitin Sharma ¹ and Manoj K. Sharma	School of Physics and Materials Science, Thapar Institute of Engineering & Technology, Patiala	nitinsharma2295@gmail.com	Study of (n,p) reaction on ⁷⁸ Se nucleus using collective clusterization approach	Oral	CO-10
4.	Nikita Madaan ¹ And Sapna Sharma ²	School of Mathematics, Thapar Institute of Engineering and Technology, Patiala 147004 Punjab, India	nikitamadaan1@gmail.com sapna.sharma@thapar.edu ,	An analysis of forward average flow on traffic dynamics	Oral	CO-11
5.	Dr.Himmat Singh	Chief Scientist CSIR-IIP & Professor (retd)	drhimmts@gmail.com	Chemical Sciences Research to support Implementation of UN Sustainable Development Goals	Oral	CO-12
6.	Abhilash Mishra ^{✉*} , Rishabh Bhardwaj, Md. Tarique Anwar	Dept of Mechanical Engineering, St. Andrews institute of Technology & Mangement, Gurgoan	mishra.ab1993@gmail.com	Replenishment Of Critical Metal Demand By Recycling Of Spent Battries	Oral	CO-13
7.	Sunil Kumar ¹ and Janak Raj Sharma	Department of Mathematics, Sant Longowal Institute of Engineering and Technology, Longowal- 148106	sfageria1988@gmail.com ,, jrshira@yahoo.co.in	On Complex Dynamics of Some Third Order Methods for Computing Multiple Roots	Oral	CO-14

Technical Session II (Parallel) (DAY 02): ORAL PRESENTATION

Feb 8, 2020: 11:30 A.M.-01:00 P.M.

Section D: Engineering Sciences (All Branches including computational sciences)						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Rajeev Kumar ^{1,2} , Dilip Kumar ³ and Dinesh Kumar ⁴	¹ Department of Electronics and Communication Engineering, IKG- Punjab Technical University, Kapurthala, India ² School of Electronics and Electrical Engineering, Lovely Professional University, Phagwara, India ³ Department of Electronics and Communication Engineering, Sant Longowal Institute of Engineering and Technology, Longowal, India	rajeev.patial@gmail.com,	Comparative analysis of structured and structure-free aggregation in vehicular ad-hoc networks	Oral	DO-06
2.	Anshuka Bansal	Sant Longowal Institute of Engineering and Technology, Sangrur-	anshuka3@gmail.com	Cortisol detection techniques- A study	Oral	DO-07
3.	Manpreet Singh Manna & Manveer Kaur	Associate Professor, SLIET	mannasliet@gmail.com	Energy Management System	Oral	DO-08
4.	Jaspreet Singh Maan	Research Scholar, EIE Department, SLIET Longowal	jassymaan@yahoo.co.in	Analysis and Classification of Distribution Transformers Failure in Power Utilities	Oral	DO-09
5.	Rati Kanta Bera	Army Cadet College Wing, Indian Military Academy, Dehradun-248007	ratibera@gmail.com	Nano Particle Based Optical Devices For The Detection Heavy Metals	Oral	DO-10

Technical Session II (Parallel) (DAY 02):

Feb 8, 2020: 11:30 A.M.- 01:00 P.M.

Section E: Medical and Veterinary Sciences						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/ Poster	Paper ID
1.	Inderpreet Kaur, Varinder Pal Singh, Nitin S. Wakchaure and Simran Sharma*	Department of Dairy Economics and Business Management College of Dairy Science and Technology GADVASU, Ludhiana	simran613@gmail.com	Economics of Buffalo in Livestock Production System in Punjab: Current Status and Future Prospectus	Oral	EO-04
2.	Narender K. Chandla*, Amandeep Sharma, Gopika Talwar, Gursharn Singh, Nitin Wakchaure and Sunil K. Khatkar	Collage of Dairy Science & Technology, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana	chandla84@yahoo.co.in	Whey and corn starch blends utilization in development of clear biopolymer matrix	Oral	EO-05

Technical Session III (Parallel) (DAY 03): ORAL PRESENTATION

Feb 9, 2020: 11:30 A.M. - 01:00 P.M.

Section A: Agriculture, Biosciences, Biotechnology etc.						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Nidhi Garg* and Neena Singla	Department of Zoology, Punjab Agricultural University, Ludhiana (Punjab)	12nidhigarg12@gmail.com	Response of Rattus rattus towards conspecific urinary pheromones	Oral	AO-11
2.	H S Kingra*, Manjeet Kaur* and Shruti Bhogal**	Department of Economics and Sociology, Punjab Agricultural University, Ludhiana** Centers for International Projects Trust, New Delhi	shrutibhogal@gmail.com	Level and Pattern of Income of Marginal and Small Farmers in Punjab	Oral	AO-12
3.	Amandeep Kaur, R. P. Singh*	Department of Food Processing Technology, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab 140406	nagrarupinderpal@gmail.com	Stevia: An Ideal Bio-sweetener	Oral	AO-13

Technical Session III (Parallel) (DAY 03): ORAL PRESENTATION

Feb 9, 2020: 11:30 A.M. - 01:00 P.M.

Section B: Applied Chemistry, Applied Physics, Sugar Technology, Pharmacy, Food Technology and Textile Chemistry						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Arashdeep Singh*, Savita Sharma and Baljit Singh	Department of Food Science and Technology, Punjab Agricultural University, Ludhiana	arash.pau@gmail.com	Enhancing <i>In Vitro</i> Starch and Protein Digestibility and Secondary Metabolites in Wheat Through Grain Bio-Processing	Oral	BO-13
2.	Shailza Sharma ¹ , Minati Baral ^{1*} and B. K. Kanungo ²	¹ Department of Chemistry, National Institute of Technology, Kurukshetra, Haryana-136119 ² Department of Chemistry, Sant Longowal Institute of Engineering & Technology, Longowal	shailza1008@gmail.com	Coordination Behaviour and Spectral Variation of a Newly Developed Tripodal Ligand in the Presence of Fe ⁺³ , Cr ⁺³ and Al ⁺³ : Experimental and DFT insight	Oral	BO-14
3.	Pratidnya Shendge and Minati Baral*	¹ Department of Chemistry, National Institute of Technology, Kurukshetra, Haryana-136119	pratidnya_31801101@nitkkr.ac.in	Development of a Novel Catechol-Thiosemicarbazone Based Ligand and Studies on its Metal Chelation with Environmentally Important Trivalent (Al ³⁺ , Cr ³⁺ , Ga ³⁺ , Gd ³⁺ & Fe ³⁺) Metal Ions: Experimental and Theoretical investigation	Oral	BO-15
4.	Divyajot Kaur* and Arashdeep Singh	Department of Food Science and Technology, Punjab Agricultural University, Ludhiana, Punjab	divyajot-fst@pau.edu	Hempseed: Emerging Functional Food Grain with Enhanced Functionality	Oral	BO-16
5.	Aalamdeep Singh Brar, Poonam A Sachdev, Vikas Kumar, Ankit Kumar*	Department of Food Science and Technology, Punjab Agricultural University Ludhiana, Punjab, 141004, India	ankitnagpal1995@gmail.com	Process optimization for Development of high fibre and antioxidant rich fruit bar from black carrot juice waste	Oral	BO-17
6.	Palwinder Kaur*, Poonam A Sachdev, Navjot Kaur and Sukhpreet Kaur	Department of Food Science and Technology, Punjab Agricultural University, Ludhiana, Punjab	palwinderpb29@gmail.com	DEVELOPMENT OF PROCESSED PRODUCTS FROM FRESH RED CHILLIES	Oral	BO-18

Technical Session III (Parallel) (DAY 03): ORAL PRESENTATION

Feb 9, 2020: 11:30 A.M.-01:00 P.M.

Section C: Chemical, Mathematical and Physical Sciences						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Mansi Goyal*, Ramandeep Kaur and Puneet Kaur	Department of Chemistry, Punjab Agricultural University, Ludhiana-141004	mansigoyal861@gmail.com	Production of commodity chemicals from Saccharum officinarum bagasse lignin: Waste to wealth	Oral	CO-15
2.	Praveen negi*, Upendra singh chundawat and Ashavani kumar	Department of Physics, National Institute of Technology Kurukshetra, Haryana 136119, India	pnegi72@gmail.com	Synthesis and Characterization of BiNi _{0.05} Fe _{0.95} O ₃ @RGO composite as radar absorbing material	Oral	CO-16
3.	Tejwant Singh Kang	Department of Chemistry, Centre for Advanced Studies (CAS-II), Guru Nanak Dev University, Amritsar	tejwant.chem@gndu.ac.in	Sustainable Preparation of Sunlight Active Nanomaterials and Their Composites with Graphene Using Surface Active Ionic Liquids	Oral	CO-17
6.	Tanvi Sahni ^a , Sunita Sharma ^b , Pardeep Kaur ^a and Diksha Verma ^a	^a Department of Chemistry, Punjab Agricultural University, Ludhiana-141001, India ^b Department of Plant Breeding and Genetics, Punjab Agricultural University, Ludhiana-141001	sunita_sharma@pau.edu	Synthesized 4-Formyl-2,6-dimethoxyphenylacetate as potential antimicrobial agent	Oral	CO-18

Technical Session III (Parallel) (DAY 03): ORAL PRESENTATION

Feb 9, 2020: 11:30 A.M.-01:00 P.M.

Section D: Engineering Sciences (All Branches including computational sciences)						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Bharpoor Singh Sekhon ¹ and Sharandeep Singh ^{2*}	¹ Directorate of Research, ² College of Agriculture Punjab Agricultural University, Ludhiana-141004	123harman456@gmail.com	Spatial Variability of Irrigation Water Quality in Southwestern Punjab	Oral	DO-11
2.	Rupinder Pal Singh, ^{1*} Amrit Singh ²	¹ Department of Food Processing Technology, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab 140406 ² Post Graduate Department of Physic, Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, Punjab 140118	nagarupinderpal@gmail.com	Gamma Radiation Impact on Dairy Wastewater Treatment	Oral	DO-12
3.	Davinder Kashyap		kria7@protonmail.com	Chaotic Approach for improving Global Optimization in Optimization Algorithms	Oral	DO-13
4.	¹ Sudhir Kumar Sharma, ² Prof. Loveleen Kaur	Department of Electrical Engineering, Punjab Engineering collage, Chandigarh, India	¹ sudhirs390@gmail.com, ² loveleentaneja1@gmail.com	Performance Analysis of Radial System with Renewable Sources	Oral	DO-14
5.	Bhaskar Pandey ^{a,*} , A.S. Arora, Ankan Banerjee ^a	^a Electrical and Instrumentation Engineering Department, Sant Longowal Institute of Engineering and Technology, Longowal- 148106, Punjab, India	bhaskarpnd223@gmail.com	Thermal imaging as a diagnosis tool for healthcare camps	Oral	DO-15
6.	Ankan Banerjee ^{a,*} , A.S.Arora, Bhaskar Pandey ^a	^a Electrical and Instrumentation Engineering Department, Sant Longowal Institute of Engineering and Technology, Longowal- 148106, Punjab, India	ankan.banerjee95@gmail.com	Wound healing assessment using thermal imaging	Oral	DO-16
7.	Prof. Pardeep Kumar Jain, Dr. Sarika Jain			Patents: Crucial for India to bridge Tech Gap – A wake up call for India	Oral	DO-17

Technical Session III (Parallel) (DAY 03): ORAL PRESENTATION

Feb 9, 2020: 11:30 A.M.-01:00 P.M.

Section E: Medical and Veterinary Sciences						
Abs. No.	Author(s)	Affiliation	E-mail	Title of Abstract	Status Oral/Poster	Paper ID
1.	Taranjeet Kaur, Saloni Singla* , Gurpreet Kaur, M.K. Lonare and V.K. Dumka	Department of Veterinary Pharmacology and Toxicology, C.O.V.Sc., Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141004	salonivpt@gmail.com	Antibacterial activity and mutant prevention concentration of cefoperazone against Escherichia coli and Staphylococcus aureus of clinical isolates	Oral	EO-06
2.	H Singh, MK Lonare*, M Sharma, S Singla and VK Dumka	Department of Veterinary Pharmacology and Toxicology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana	milindmitra@gmail.com	Effect of Carbendazim and Imidacloprid on Oxidative stress, Apoptosis and Cell Senescence in Buffalo Bone Marrow Mesenchymal Stem Cells	Oral	EO-07