

ACCEPTED ABSTRACTS / RESEARCH PAPERS FOR ICER-18 (5th Lot)

S/N	ID Code	Title of the Abstract/Paper	Name of Author(s)	Section	Poster / Oral	Official Address
150.	ICER-161-PS-O-17	Screening of deep eutectic solvents for the liquid-liquid separation of cyclohexane and cyclohexene: model prediction and experimental validation	Mohamed K. Hadj-Kali, Lahssen Elblidi, Said Alhawtali, Abdullah Alanazi, Abdulaziz Shugair, Mohammed Alshamrani, Saleh Alyami, Emad Ali	PS	O	Department of Chemical Engineering, King Saud University, Riyadh, Saudi Arabia
151.	ICER-162-LS-O-17	An association of soil nematodes with soil character and different indices in Aurangabad vicinity (M.S), India	*J. D. Shaikh and *Sk. Unaiza Nazneen	LS	O	*Department of zoology Maulana Azad College of Science, Arts and Commerce, Aurangabad, India
152.	ICER-163-LS-O-17	Check list of protozoan and nematode parasites in periplanata americana	J.D.Shaikh, Sk.Unaiza Nazneen, ShaikhT.T	LS	O	Department of Zoology, Maulana Azad College of Science, Arts and Commerce, Aurangabad, India
153.	ICER-164-LS-O-17	Traditions in healing substantial corporeal disorder using folkloric therapeutics at Parbati Valley of North Western Himalaya, India	Tanay Barman ¹ , S. S. Samant ^{1*} , Jyoti ¹ , Pankaj Sharma ² , Riya Maitra ³ and Abhijit Dey ³	LS	O	¹ G. B. Pant National Institute of Himalayan Environment and Sustainable Development, Himachal Regional Centre, Mohal-Kullu Himachal Pradesh, India ² Himachal Pradesh State Biodiversity Board, Shimla- Himachal Pradesh, India ³ Department of Life Sciences, Presidency University (Formerly Presidency College), 86/1, College Street, Kolkata-West Bengal, India
154.	ICER-165-SS-I-O-17	Factors affecting environmental awareness of secondary school students in Gwalior in relation to awareness towards social duty	Aruna Singh	SS-I	O	Shri Radha Vallabh College of Education, Gwalior, India
155.	ICER-166-LS-O-17	Unravelling the role of heat-responsive TF (HSFA2H) in regulating HSPs involved in protection of nascent protein under heat stress in wheat	Suneha Goswami ¹ , Ranjeet R. Kumar ¹ , Kavita Dubey ¹ , Khushboo Singh ¹ , Jyoti Prakash Singh ¹ , Viswanathan Chinnusamy ² , Shelly Praveen ¹	LS	O	¹ Division of Biochemistry, Indian Agricultural Research Institute, New Delhi, India ² Division of Plant Physiology, Indian Agricultural Research Institute, New Delhi, India
156.	ICER-167-PS-O-17	Analysis of impact of lithology and land use/land cover on land surface temperature and NDVI using geospatial tools	Monika Sharma, Mohit Singh and S.N. Mohapatra	PS	O	School of Studies in Earth Science, Jiwaji University, Gwalior, India

157.	ICER-168-LS-O-17	Influence of <i>rhizobacterial</i> culture on cowpea (<i>vignaunguiculata</i>) for NaCl salinity tolerance	Sadhna Chaturvedi, Tejovathi Gudipati, Archana Shrivastav, Pratibha Goyal	LS	O	College of Life Sciences, Cancer Hospital and Research Institute, Campus, Gwalior (M.P.) India
158.	ICER-169-PS-O-17	Quantitative morphometric analysis using Geospatial tools and role of lithology in drainage development : A case study of Birma river Basin of Mau district Uttar Pradesh, India	Varnica Mishra, Monika Sharama and S.N.Mohapatra	PS	O	School of Studies in Earth Science , Jiwaji University Gwalior, India
159.	ICER-170-PS-O-17	Estimation of NO ₂ ,SO ₂ and its impact on respiratory human health	Mehraj uddin Bhat and A.C Pandey	PS	O	Department of chemistry, Jiwaji university, Gwalior, India Govt S.L.P College Morar, Govt Science College Gwalior, India
160.	ICER-171-LS-O-17	Antifungal Activity of Biological and Botanical Agents against <i>Sclerotium rolfsii</i> Causing Foot Rot Disease of Lentil	Md. MOKARRAM Hossain ¹ , Md. Mizanur Rahman ¹ , A.H. M. Firoz Kabir Mondal ² and Md. Abul Kalam Azad ^{3*}	LS	O	^{1,3} Institute of Environmental Science, University of Rajshahi, Rajshahi- Bangladesh ² Government Teachers' Training College, Rangpur, Bangladesh
161.	ICER-172-T-O-17	AIRAVAT : Solar & Tidal Powered Surveillance Ship	Aasim Bheda , Vishal Darji, Smita B.Joshi Darshan Pavasiya, Naman Dandekar	T	O	G H Patel College of Engineering & Technology ,Vallabh Vidyanagar, India
162.	ICER-173-LS-O-17	Protective effect of <i>Nothapodytes foetida</i> on physiological and biochemical parameters against Freund's complete adjuvant induced arthritis in rats	Ajay Sharma ^{1*} , Naveen Sharma ¹ , Pooja Sharma ²	LS	O	¹ Department of Pharmacology, Shri Ram College of Pharmacy, Banmore, Morena, India ; ² Amity Institute of Biotechnology, Amity University, Gwalior, India
163.	ICER-174-LS-O-17	Study of fungal diversity in Vikram University campus during rainy season	Akanksha Shrivastava ¹ , Harish Vyas ² and Alka Vyas ³	LS	O	¹ Bhartiya College, Ujjain, India ² Head, Department of Botany, Govt. Kalidas Girls College, Ujjain, India ³ Head, S. S. in Microbiology, Vikram University, Ujjain, India
164.	ICER-175-T-O-17	Utilization of wheat stubble in building construction	Akshay Kumar	T	O	Department of Civil Engineering, Amity Amity University Madhya Pradesh, Gwalior, India
165.	ICER-176-LS-O-17	A boost in Vitamin C in Plant leaves triggers smog mitigation	Al Kamran Ali, Deepak Sharma and Amulya Uppal	LS	O	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior, India
166.	ICER-177-LS-O-17	Application of neurospora mutants for understanding fungal growth	Alka Vyas ¹ , Anita Mukati ¹ and Harish Vyas ²	LS	O	¹ S.S. in Microbiology, Vikram University, Ujjain (M.P.) , India ² Govt. Kalidas Girls College, Ujjain (M.P.) , India
167.	ICER-178-LS-O-17	A novel inoculum development strategy for solid state fermentation of <i>Mortierella alpina</i> for arachidonic acid production	Arunchand Rayaroth, Rajesh Singh Tomar, Raghvendra Kumar Mishra*	LS	O	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior, India

168.	ICER-179-PS-O-17	Effect of Guar gum polymer treatment on infiltration behaviour of soils and seepage loss in small farm ponds	Asima Jillani*, Ajeet singh and Akhilesh kumar	PS	O	College of Technology, G B P U A & T Pantnagar, Distt U S Nagar, Uttarakhand, India
169.	ICER-180-LS-O-17	Floristic diversity of Chambal ravines, Madhya Pradesh, India	R.L.S. Sikarwar	LS	O	Arogyadham (J.R.D. Tata Foundation for Research in Ayurveda & Yoga Sciences), Deendayal Research Institute, Chitrakoot, Dist. Satna (M.P.), India
170.	ICER-181-LS-O-17	Effect of purified compound from bark of <i>Acacia nilotica</i> against common cutworm <i>Spodoptera litura</i>	Samiksha ¹ , Swati Gautam ^{1,2} , Diksha ^{1,3} and Satwinder Kaur Sohal* ¹	LS	O	¹ Department of Zoology, Guru Nanak Dev University, Amritsar, India
171.	ICER-182-LS-O-17	Integration of Nano-bio recognition elements for detection of pathogenic bacteria	Anurag Jyoti*, Mohit Agarwal and Rajesh Singh Tomar	LS	O	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior, Madhya Pradesh, India
172.	ICER-183-LS-O-17	Endophytic microorganisms: Promising candidate as biofertilizer	Manish Kumar, Raghvendra Saxena, Rajesh Singh Tomar	LS	O	Amity Institute of Biotechnology, Amity University, Gwalior, M.P., India
173.	ICER-184-LS-O-17	Unambiguous detection of <i>Clostridium perfringens</i> using mass spectrometry	Pratistha Dwivedi ^{1*} and Syed Imteyaz Alam ²	LS	O	¹ Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior, India ² Defence Research & Development Establishment, Gwalior, Madhya Pradesh, India
174.	ICER-185-LS-O-17	A novel inoculum development strategy for solid state fermentation of <i>Mortierella alpina</i> for arachidonic acid production	Arunchand Rayaroth, Rajesh Singh Tomar, Raghvendra Kumar Mishra*	LS	O	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior, India
175.	ICER-186-LS-O-17	Current perspectives of nanobiotechnology in crop production and protection.	Raghvendra Saxena*, Manish Kumar and Rajesh Singh Tomar	LS	O	Amity Institute of Biotechnology, Amity University Madhya Pradesh, Gwalior MP. India

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