

# ACCEPTED ABSTRACTS / RESEARCH PAPERS FOR ICER-18 (3<sup>rd</sup> Lot)

S/N	ID Code	Title of the Abstract/Paper	Name of Author(s)	Section	Poster / Oral	Official Address
1.	ICER-105-PS-O-17	Renewable energy revolution in India —Issues, challenges and solutions	Bharati P. Bhangale	PS	O	Department of Physics, Arts, Science & Comm, College, Ozar (Mig) Nashik, Maharashtra
2.	ICER-106-PS-O-17	DABCO catalysed an efficient synthesis of novel 2-oxo-azetidine derivatives of 4H-1,2,4-triazoles under mild condition : A synthesis model for green chemistry	R. Yadav and T. Khan	PS	O	Organic synthetic laboratory, department of chemistry, Dr. H S Gour university Sagar
3.	ICER-107-T-O-17	Preparation of hygienic cellulosic fabric for improved comfort performance and energy conservation	Agrawal Bipin J.	T	O	Department of Textile Chemistry, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara-390 001 (Gujarat), INDIA
4.	ICER-108-LS-P-17	Conservation status and morphological variation of Bamboo from Central Forest Nursery Wadali, Amravati.	Ashiq Hussain Khanday <sup>1</sup> Prashant Ashokrao Gawande <sup>1</sup> Sayed Salim Ahemad <sup>2</sup>	LS	P	Department of Botany, SantGadge Baba Amravati University, Amravati-444602, Maharashtra State, India. Central Forest Nursery, Wadali, Amravati, Department of Forest, Government of Maharashtra-444602.
5.	ICER-109-LS-P-17	Role of taurine and garlic extract in alleviating the histopathological changes in gills induced by long-term exposure to copper sulphate in <i>Clarias gariepinus</i>	Adil Abdullah Wani*, Malvika Sikdar	LS	P	Department of Zoology, Dr. Harisingh Gour University, Sagar (M.P)-470003, India
6.	ICER-110-PS-O-17	Multivariate Study of Air Pollutant Concentration in Delhi City using Artificial Neural Network	Monika Singh <sup>1</sup> , S. P. Mahapatra <sup>1*</sup> , Sudhir Nigam <sup>2</sup>	PS	O	Department of Chemistry, National Institute of Technology Raipur 492010 India. Department of Civil Engineering, Technocrat Institute of Technology, Bhopal 462001 India.
7.	ICER-111-PS-P-17	Proportional Modeling of Air Pollutants PM10 and PM 2.5 Concentration of New Delhi City using Artificial neural network and ARIMA Model	Monika Singh <sup>1</sup> , S. P. Mahapatra <sup>1*</sup> , Sudhir Nigam <sup>2</sup>	PS	P	Department of Chemistry, National Institute of Technology, Raipur 492010 India. Department of Civil Engineering, Technocrat Institute of Technology, Bhopal 462001 India.
8.	ICER-112-T-O-17	Demand for Clean Energies Efficient Development in Building Technologies	Abdeen Omer	T	O	Energy Research Institute (ERI) Nottingham, United Kingdom
9.	ICER-113-PS-O-17	Water quality analysis of sewage and industrial effluent before and after treatment with phytoremediation	Twinkle K. Gohil and *Hemangi Desai	PS	O	Shree Ramkrishna Institute of Computer Education & Applied Sciences, Surat
10.	ICER-114-PS-P-17	The treatment of sewage water using electrolysis	Palak Patel, a Hitesh Desai, b* Hemangi Desai c	PS	P	aTIFAC-CORE in Environmental Engineering, Surat bSarvajanik College of Engineering and Technology, Surat cShree Ramkrishna Institute of Computer Education & Applied Sciences, Surat

11.	ICER-115-PS-O-17	Assessment of ground water quality index of Nagda, Ujjain, Madhya Pradesh, India	Reddy, P.B and Shobha Shouche	PS	O	PG Department of Zoology, Govt.PG College, Ratlam, M.P.India. Assoc.Professor, PG Department of Zoology, Govt. Madhav Science College, Ujjain, M.P.India.
12.	ICER-116-T-O-17	Solar Powered Motion Detector for Security in Defence Sector	Siddhi Brahmhatt, Neel Champaneria, Harshit Rana and Smita B. Joshi	T	O	Department of Information Technology Engineering, G H Patel College of Engineering and Technology, VallabhVidhyanagar – 388120, India Applied Science and Humanities Department, G H Patel College of Engineering and Technology, VallabhVidhyanagar – 388120, India
13.	ICER-117-LS-O-17	Diversity of zooplankton in Dandi creek, west coast of India	*Kadam Surendra S.& Tiwari Lalch and R1.	LS	O	*N.B. Mehta Science College, Bordi,Dist.- Palghar ,(MS) India 1 Maharshi Dayanad College, Parel Mumbai
14.	ICER-118-PS-O-17	Production of ethanol and optimization by using Taguchi method	*Pushpa Agrawal and Thippa Reddy K S1	PS	O	*Professor & HOD, Department of Biotechnology, RVCE Bangalore – 560 059, Karnataka, India 1 Instructor, Department of Biotechnology, RVCE Bangalore – 560 059, Karnataka, India
15.	ICER-119-PS-O-17	Inhabitant dose rate exposure due to different granite floorings at Bangalore Metropolis, Karnataka, India	Sathish L. A.	PS	O	Department of Physics, Government Science College (Autonomous) Bangalore –560 001, Karnataka, India
16.	ICER-120-LS-P-17	Liver marker status in blood of Channa punctatus (Bloch) during acute exposure of Paraquat Dichloride.	Badroo I. A., Lawate K. U. and Nandurkar H. P.	LS	P	Department of Zoology. Sant Gadge Baba Amravati University, Amravati. Maharashtra-444602. India.
17.	ICER-121-PS-O-17	Correlation studies on indoor radon levels in Bangalore Metropolitan, Karnataka, India	K. S. Nethravathi and Sathish L. A.2	PS	O	1National College (Autonomous), Jayanagar, Bangalore – 560 070, Karnataka, India 2Department of Physics, Government Science College (Autonomous), Bangalore-560001, Karnataka, India
18.	ICER-122-SS-I-O-17	To study the gender differences in parent child relationship in late childhood	Amita Tiwari	SS-I	O	Asstt. Professor (Human Development) in Home Science Govt. K.R.G. P.G. College, Gwalior (M.P.) Garima Singh Research Scholar Govt. K.R.G. P.G. College, Gwalior (M.P.)
19.	ICER-123-PS-O-17	Microwave assisted immobilization of Titanium dioxide (TiO <sub>2</sub> ) on Low density polythene (LDPE) and its application in dye degradation.	K. Harsha and Suja P. Devipriya*,	PS	O	Environmental Photocatalysis Research Laboratory, Dept. of Ecology and Environmental Science, Pondicherry University, Pondicherry 605014
20.	ICER-124-SS-I-O-17	Scenario of WEEE and Recycling Sector in Gurgaon, NCT of Delhi	1Harveen Kaur, 2Sushma Goel	SS-I	O	1Doctoral Research Scholar, Department of Resource Management, University of Delhi, Delhi, India 2Associate Professor, Department of Resource Management, University of Delhi, Delhi, India
21.	ICER-125-PS-O-17	Thermal treatment of mercury-contaminated waste generated by Mahshhar petrochemical Chlor-alkali unit with MgCl <sub>2</sub> at reduced temperature	Yashar Rezaei Sabzevara, b and Fereydoun Ghazba	PS	O	aDepartment of Environmental Engineering, Faculty of Environment, University of Tehran, Iran

22.	ICER-126-LS-P-17	Population Assessment of <i>Angelica glauca</i> from Himachal Pradesh, North Western Himalaya	Sunil Dutt, Manohar Lal, Rajesh Kumar and S. S. Samant*	LS	P	G. B. Pant National Institute of Himalayan Environment and Development, Himachal Unit, Mohal-Kullu - 175 126, Himachal Pradesh
23.	ICER-127-LS-P-17	Population Assessment, Regeneration Status and Conservation of <i>Chilgoza Pine</i> in Pangi valley, Himachal Pradesh, North Western Himalaya.	Om Prakash and S. S. Samant*	LS	P	G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Himachal Unit, Mohal-Kullu, 175 126, Himachal Pradesh
24.	ICER-128- LS -P-17	Population Ecology and Ecological Niche Modelling of <i>Corylus jacquemontii</i> in North Western Himalaya	Shiv Paul, S. S. Samant* and Manohar Lal	LS	P	G. B. Pant National Institute of Himalayan Environment and Sustainable Development, Himachal Unit, Mohal - Kullu 175 126, Himachal Pradesh, India
25.	ICER-129- LS -O-17	Status and Regeneration Pattern of Ban Oak ( <i>Quercus oblongata D. Don</i> ) in Great Himalayan National Park of Himachal Pradesh, North Western Himalaya	Vijay Kumar, Om Prakash, Monika Bodh and S. S. Samant*	LS	O	G. B. Pant National Institute of Himalayan Environment and Sustainable Development, Himachal Unit, Mohal-Kullu, 175 126, Himachal Pradesh
26.	ICER-130- LS -O-17	Investigation of antioxidant activity and development of in-vitro propagation for <i>Lilium polyphyllum</i> D. Don ex Royle a critically endangered medicinal plant in Indian Himalayan Region	Rosy Kundra, S. S. Samant*	LS	O	G. B. Pant National Institute of Himalayan Environment & Sustainable Development, Himachal Unit, Mohal-Kullu-175 126
27.	ICER-131-LS-P-17	Environmental Remediation by Bacterial degradation of Chlorpyrifos pesticide in agricultural soil	Aini Manzar <sup>1</sup> and Mahendra K. Gupta <sup>2</sup>	LS	P	School of Studies in Botany, Jiwaji University Gwalior
28.	ICER-132- LS -P-17	Bioremediation of naphthalene-a cleanup approach for cleaning of environments with PAH contaminants	Mir Sajad Rabani <sup>1</sup> and Mahendra K. Gupta <sup>2</sup>	LS	P	School of Studies in Botany, Jiwaji University Gwalior
29.	ICER-133- LS -O-17	Assessment of heavy metal resistance and probiotic potential of lactic acid bacteria	Richa Sharma <sup>1</sup> and Mahendra K. Gupta <sup>2*</sup>	LS	O	1School of Studies in Microbiology, Jiwaji University, Gwalior M.P. 2School of Studies in Botany, Jiwaji University, Gwalior M.P.
30.	ICER-134- LS -O-17	Determination of chromium degradation potential of selected bacterial isolates	Rachna Singh <sup>1</sup> and Mahendra Kumar Gupta <sup>2*</sup>	LS	O	1School Of Studies in Microbiology, Jiwaji University, Gwalior, MP 2School Of Studies in Botany, Jiwaji University, Gwalior, MP

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