



CSIR-Platinum Jubilee

International Conference on Biotechnological Research and Innovation for Sustainable Development (BioSD-2018)  
& XV Annual Convention of the Biotech Research Society, India

November 22-25, 2018

CSIR-Indian Institute of Chemical Technology, Hyderabad -500007, India

## Abstracts Selected for Poster Presentation

### POSTER SESSION I

23<sup>rd</sup> November 2018 (13.30 PM to 15.30 PM)

Theme-Algal Biology Biotechnology and Business

23<sup>rd</sup> November, 2018 (13.30 PM to 15.30 PM)

Venue: IICT-Garden Arena

S.No	Title of the Poster	Poster ID	Presenting authors	Co-authors	Institute/University
1	Media Engineering Using Plant Growth Regulators for Enhanced Growth, Lipid and Eicosapentaenoic Acid (EPA) Production from <i>Nannochloropsis oceanica</i>	ABBB-P-01	Aswathy Udayan	Aswathy U, Varalakshmi P, Arumugam M*	CSIR–National Institute for Interdisciplinary Science and Technology
2	Bioenergy from marine brown microalgae: a study of lipid enhancement and bio-nanoparticle mediated transesterification for biodiesel production	ABBB-P-02	Anto S	Anto.S, Karpagam R, HemananthanE , Varalakshmi P*	Anna University Regional Campus, Coimbatore
3	Non-targeted metabolomics approach to assess the brown marine macroalga <i>Dictyota dichotoma</i> as a functional food	ABBB-P-03	Dhara Dixit	Dhara Dixit*, C.R.K. Reddy, M.H. Trivedi	Krantiguru Shyamji Krishna Verma (K.S.K.V.) Kachch

	using Liquid Chromatography Mass Spectrometry				
4	Crystal structure of C-Phycocyanin from heterocyst-forming filamentous cyanobacterium <i>Nostoc</i> sp. WR13	ABBB-P-04	Hiral M Patel	Hiral M. Patel, Aleksander W. Roszak, Datta Madamwar, Richard J. Cogdell*	Sardar Patel University
5	Influence of Nitrate concentration on growth conditions on monounsaturated and poly unsaturated production in <i>Scenedesmus SVM1</i> sp.	ABBB-P-05	Palle Ranadheer	Palle Ranadheer, K Rajesh Mahendra, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
6	Microalgae biomass a source of Liquid Fertilizer and Biomethane using Hydrothermal Process	ABBB-P-06	P. Kiran Kumar	P. Kiran Kumar, S. Vijaya Krishna, Kavita Verma, K. Pooja, D.Bhagawan, G.Shankaraiah , V. Himabindu	Jawaharlal Nehru Technological University,Hyderabad
7	Nitrogen starvation induced oxidative stress as a mediator for enhanced lipid production by a novel oleaginous microalga <i>Tetrademus obliquus</i> (KMC24)	ABBB-P-07	Madonna Roy	Madonna Roy, Kaustubha Mohanty*	Indian Institute of Technology, Guwahati
8	Biocatalyzed photoelectrochemical Systems employed for Semi-Artificial Photosynthesis to enhance photosynthetic efficiency	ABBB-P-08	Sai Kishore butti	Sai Kishore butti, S Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
9	Characterization and optimization of algae assisted biosynthesized nanoparticles	ABBB-P-09	Mrinal Kashyap	Mrinal Kashyap, Vishal Anand, Atreyee Ghosh, Kanchan Samadhiya, Kothapalli Pruthvi, Palak Saket, P.M. Shirage, Kiran Bala	Indian Institute of Technology , Indore
10	Deciphering the halotolerance mechanism and lipid accumulating characteristics of a novel fresh water microalga using integrated omics approaches	ABBB-P-10	Neha Arora	Neha Arora, Krishna Mohan Poluri, Vikas Pruthi	Indian Institute of Technology , Roorkee
11	Light Induced Synthesis of Edible Oil and Carotenoids in <i>Scenedesmus SVM1</i>	ABBB-P-11	Rajesh Kona	Rajesh Kona, Ranaprathap katakojwala, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
12	Water Monitoring Based on Harmful Algal Blooms: A Study on Hyper-spectral Microscopic Imaging System (HMIS) using Image Processing	ABBB-P-12	K. Pavendan	K. Pavendan, N. VinithaGethzie, K. Prasanna, K.P. Gopinath*	SSN College of Engineering
13	Self-Sustained Design of Azolla-Biorefinery for Renewable Chemicals and Fuels	ABBB-P-13	Manupati Hemalatha	Manupati Hemalatha, Omprakash Sarkar, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
14	Macroalgae – a promising resource for bioethanol production – A review	ABBB-P-14	M Radha Kumari	M Radha Kumari	B V Raju Institute of Technology Narsapur
15	Effect of Sodium selenite on growth and Selenium accumulation in marine microalga <i>Nannochloropsis oceanica</i> for the production of organic selenium enriched microalgal biomass	ABBB-P-15	Reshma R	Reshma R,Arumugam M*	CSIR-National Institute for Interdisciplinary Science and Technology

16	Microalgae based biodiesel production deploying kitchen waste	ABBB-P-16	Riya Chakraborty	Riya Chakraborty, Saprativ P. Das*	Brainware University
17	Light and Oxidative Stress influence on Astaxanthin production during <i>Chlorella sorokiniana</i> Cultivation in Mixotrophic Mode	ABBB-P-17	M. V. Rohit	M. V. Rohit, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
18	Biofuels, bioproducts or biofertilizers...What can we sustainably produce from algae?	ABBB-P-18	Ganti S. Murthy	Ganti S. Murthy	Oregon State University
19	Application of Engineered Nanomaterials for Microalgae Cultivation and Biodiesel Production	ABBB-P-19	Sankar Ganesh	B. Siva Prasad, V. V. Chinnumole, P. Sankar Ganesh*	BITS Pilani, Hyderabad
20	Pretreatment Strategies for Microalgal Biomass of <i>Tetrademus obliquus</i> for Production of Bioethanol	ABBB-P-20	Sukhendra Singh	Sukhendra Singh, Subir Kundu	Indian Institute of Technology(BHU), Varanasi
21	Polyphenols of marine macroalgae <i>Ecklonia cava</i> and <i>Symphyocladia latiuscula</i> possess potential neuroprotective activities in diabetic peripheral neuropathy	ABBB-P-21	Suman Samaddar	Suman Samaddar, Raju Koneri	Karnataka College of Pharmacy
22	Green energy from <i>Coelastrella sp. M-60</i> : bio-nanoparticle mediated whole biomass transesterification for biodiesel production	ABBB-P-22	Komal Rani	Karpagam, R, Komal Rani, Ashokkumar, B, Varalakshmi,P	Madurai Kamraj University
23	Strategic selection criteria of growth phase of newly isolated heterotrophic microalgae <i>Thraustochytrid sp.</i> from mangroves region of Navi Mumbai, India as feedstock for biofuel and omega 3 fatty acid.	ABBB-P-23	Vaishali P.Bagul	Vaishali P.Bagul,Uday S.Annapure	Institute of Chemical Technology, Mumbai
24	Biodiesel production from marine microalgae <i>Nannochloropsis occluta</i> by transesterification using magnesium doped Zinc oxide heterogenous nanocatalyst and process optimisation	ABBB-P-24	J.Vinoth Arul Raj	B.Bharathiraja,B.Vijayakumar ,R.Praveen Kumar J.Vinoth Arul Raj	Arunai Engineering College
25	Adsorption of toxic dyes from aqueous solution by green microalgae <i>Scenedesmus sp. MCC 26</i> : Kinetics, isotherm and thermodynamic studies	ABBB-P-25	Prakash Sarwa	Prakash Sarwa	Birla Institute of Technology and Science, Pilani, Rajasthan
26	Biosynthesis of Au, Ag and bimetallic Au-Ag nanoparticles using microalgae <i>Chlorella acidophille</i>	ABBB-P-26	Sujin Jeba Kumar T	Sujin Jeba Kumar. T, Arumugam M*	CSIR-National Institute for Interdisciplinary Sciences
27	Investigation and characterization of the products obtained from Co-pyrolysis and Hydrothermal liquefaction of the mixture of Water Hyacinth and Para grass	ABBB-P-27	Ayushi Awasthi	Ayushi Awasthi, V Dhyani, B Biswas, J Kumar, Y SReddy, K Natte, A Puthiyamadam , A V Pillai,Prasannakumari, RK Sukumaran, S B Ummalyama, DSahoo, T Bhaskar*	CSIR-Indian Institute of Petroleum, Dehradun
28	Role of Microalgae in Membrane Bioreactor based treatment of Food Industrial Effluents	ABBB-P-28	Karishma Mishra	Karishma Mishra, Nivedita Sahu, S. Sridhar*	CSIR-Indian Institute of Chemical Technology

29	Algae Biomass and Energy System R&D Center's activities for commercialization of the algae biocrude and bioplastics	ABBB-P-29	Emi Kusuda	Emi Kusuda*, Makoto M. Watanabe, Inouye Isao	University of Tsukuba
30	Multiple product recovery from Cyclotella Biomass in form of Lipid, Pigment and Frustules	ABBB-P-30	Rashmi Chandra	Rashmi Chandra	Tecnologico de Monterrey, School of Engineering and Science, Campus Monterrey, Mexico
31	Growth of <i>Chlorella Sorokiniana</i> in Small Scale Race Way Pond Using Grape Pomace as Nutrient Source in Fed Batch Mode For Bioethanol and Lipid Production	ABBB-P-31	Sharanya Reddy Dawalgari	S Reddy Dawalgari, S Sama, Hari prasad Ratnapuram, Rajasri Yadavalli	Sreenidhi Institute of Science and Technology
32	Comparative study of production and extraction of Flavonoids from <i>Chlorella vulgaris</i> and <i>Chlorella pyrenoidosa</i>	ABBB-P-32	Snehasri Motamarry	S Motamarry, M Narjis Fathima, H Rathnapuram, Rajasri Yadavalli	Sreenidhi Institute of Science and Technology
<b>Theme-Energy and Environmental Biotechnology</b> <b>23<sup>rd</sup> November, 2018 (13.30 PM to 15.30 PM)</b> <b>Venue- IICT-Garden Arena</b>					
33	Toxicochemical profiling of wastewater and sludge of a municipal extended aeration activated sludge treatment plant	EEB-P-01	Asmita Gupta	Asmita Gupta, Pooja Ghosh, Swati, Madan Kumar, Indu Shekhar Thakur*	Jawaharlal Nehru University
34	In silico screening of molecules targeting key enzymes of lipogenic pathways and their in vivo effect in boosting microbial lipid accumulation	EEB-P-02	Batul Diwan	Batul Diwan, Pratima Gupta	National Institute of Technology, Raipur
35	<i>Orpinomyces joyonii</i> supplementation maximises the methane yield during anaerobic digestion of rice straw without thermochemical or enzymatic pretreatment	EEB-P-03	Deepa Shetty	Deepa Shetty, Akshay Joshi, Sumit Singh Dagar*, Prashant K. Dhakephalkar*	Abeda Inamdar Senior College
36	A comparative analysis of sludge pretreatment on improving the acidogenic bioconversion of rice mill and brewery effluent	EEB-P-04	U Jayakrishnan	U. Jayakrishnan, Deepmoni Deka*, Gopal Das*	Indian Institute of Technology, Guwahati
37	Metagenome enabled bioremediation strategy for petroleum refinery waste degradation	EEB-P-05	Jayeeta Sarkar	Jayeeta Sarkar, Ajoy Roy, Abhishek Gupta, Avishek Dutta, Sufia K Kazy, Pinaki Sar	Indian Institute of Technology, Kharagpur
38	Semi-batch hydrolysis of rice straw to increase yield of fermentable sugars	EEB-P-06	Merin P Varghese	Merin P Varghese, Jismy Vakkachan, Lekshmy Nair, Rajeev K Sukumaran, Ashok Pandey, Kiran Kumar M*	CSIR-National Institute for Interdisciplinary Science and Technology
39	A novel green technology on 2G ethanol production from <i>Bambusa bambos</i>	EEB-P-07	Ritirita Brahma	Ritirita Brahma, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
40	Modelling on the removal of toxic metal ions from aquatic	EEB-P-08	Sunita J Varjani	Raghava Reddiar	SSN College of Engineering

	system by different surface modified <i>Cassia fistula</i> seeds			Venkatakrishnan Hemavathy, Ponnusamy Senthil Kumar*, Sunita J Varjani, Subburaj Suganya	
41	Congo red dye colour removal studies by using the biochar of Arjuna seeds and ozone treatment: Characterization and equilibrium studies	EEB-P-09	Shekahar Giri Balendu	Himanshu Tiwari, Mandavi Goswami, B. S. Giri, R. S. Singh	Indian Institute of Technology, BHU
42	Microbial lipid synthesis from oleaginous yeast <i>Rhodotorula minuta</i> for production of biofuel	EEB-P-10	Niti Srivastava	Niti Srivastava, Richa Srivastava, Kumar Gaurav*	Amity University Haryana, Gurugram
43	Microbially enhanced bioremediation of acid mine drainage impacted soil: Exploiting the use of sulfate and iron reducing bacterial populations	EEB-P-11	Abhishek Gupta	Abhishek Gupta, Jayeeta Sarkar, Avishek Dutta, Mruganka Kumar Panigrahi, Pinaki Sar*	Indian Institute of Technology, Kharagpur
44	A Novel Method for Landfill Leachate Treatment utilizing Garbage Enzyme	EEB-P-12	Aishwarya Rani, Suraj Negi	Suraj Negi, Aishwarya Rani, Athar Hussain, Sunil Kumar	CSIR-National Environmental Engineering Research Institute/ Ch. Brahm Prakash Government Engineering College
45	Paper based biosensor using horseradish peroxidase for detecting phenolic compounds in wastewater	EEB-P-13	Ajinkya Dabhade	Ajinkya Dabhade, Sivaraman J, Balasubramanian P	National Institute of Technology, Rourkela
46	Utilization of kitchen waste for generating a renewable substitute to LPG	EEB-P-14	Amarjit Jha	Amarjit Jha, Riya Chakraborty, Subrata Kumar Dey, Saprativ P. Das*	Brainware University
47	Bioethanol production from pineapple leaf waste: A partially consolidated bioprocessing approach	EEB-P-15	Anjani Devi Chintagunta	Anjani Devi Chintagunta, Subhabrata Roy, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
48	Mapping of Nag River for Integron-integrase class1 gene as an anthropogenic pollution marker	EEB-P-16	Apurva Mishra	Apurva Mishra, Dharmesh Singh*	CSIR-National Environmental Engineering Research Institute
49	Removal of Cr (III) from aqueous solution using <i>C. flexuosus</i> using batch reactor and it's sustainable use in agriculture	EEB-P-17	Aradhana Basu	Aradhana Basu, Sourav Das, Nabin K. Dhal, Suraj K. Tripathy	KIIT-DU
50	Degradation and detoxification of phenanthrene by <i>Actinobacterium Zhihengliuella sp. ISTPL4</i>	EEB-P-18	Arti Mishra	Arti Mishra, Rashmi Rathour, Rashmi Singh, Indu Shekhar Thakur	Jawaharlal Nehru University
51	Improving hydrocarbons content by recycling of aqueous phase as reaction medium in hydrothermal liquefaction of <i>Chlorella vulgaris</i> grown in municipal wastewater: Exploring water holding behaviour of bio-char	EEB-P-19	J. Arun	Jayaseelan Arun, PanneerSelvam SundarRajan, Vargees Felix, Marudai Joselyn Monica, Kannappan Panchamoorthy Gopinath*, Kumar Prasanna, Muthuraman Pandimadevi	SSN College of Engineering
52	Optimization, equilibrium and kinetics studies of aqueous Cr	EEB-P-20	Ashutosh Yadav	Ashutosh Yadav, Ravi Kumar	Indian Institute of Technology, BHU

	(VI) removal by a modified "eco-friendly" <i>Sterculia alata</i> biochar			Sonwani, Balendu Shekhar Giri, Ram Sharan Singh, Birendra Nath Rai*	
53	Biotransformation of nicotine by a novel marine bacterium <i>Rhodococcus enclensis</i>	EEB-P-21	Ashwini Palake	Ashwini Palake, Syed Dastager, Kisan Kodam*	Savitribai Phule Pune University
54	Biodegradation of chlorpyrifos by <i>Pseudomonas nitroreducens</i> : Investigations into the molecular mechanism of organophosphate degradation	EEB-P-22	Aswathi A	Aswathi A, Ashok Pandey, Rajeev K Sukumaran*	CSIR-National Institute for Interdisciplinary Science and Technology
55	Biodegradation of Phenanthrene and Fluoranthene by enriched mixed bacterial cultures	EEB-P-23	Avani Patel	Avani Patel, Aishwarya Patel, Shilpi Singh, Seema Amin, Datta Madamwar*	Sardar Patel University
56	Electricity generation in a microbial fuel cell under cathodic laccase mediated decolorization of remazol brilliant blue	EEB-P-24	Avinash E. Gawade	Avinash E. Gawade, Vishal E. Gawade, Sudhir R. Bale, Vilas G. Gaikar*	B.P.H.E Society's, Ahmednagar College
57	Synthesis of cost effective magnetic cellulose nanobiocomposites mimicking peroxidase type activity for bioremediation of anionic azo dye	EEB-P-25	Ayesha Sadaf	Ayesha Sadaf, Razi Ahmad, Achraf Ghorbal, Walid Elfalleh, S. K. Khare*	Indian Institute of Technology, Delhi
58	Novel study on pharmaceutical wastewater treatment using two stage hybrid bioreactor	EEB-P-26	Ayushi Purohit	Ayushi Purohit, Vibhor Arora, Shreya Chandrika Saxena, Apeksha Shama, Kulbhushan Samal, Sachin Geed	Madhav Institute of Technology and Science, Gwalior
59	Optimization of glucose yield from autoclaved and enzyme hydrolyzed banana peels	EEB-P-27	Barasa Malakar	Barasa Malakar*, Kaustubha Mohanty	Indian Institute of Technology, Guwahati
60	A novel approach for biodiesel production from a hybrid nonedible feed stock using bio-support ball (polyvinyl alcohol /sodium alginate) immobilized lipase from <i>Pseudomonas cepacia</i>	EEB-P-28	Dilip Kumar	Dilip Kumar, Tapas Das, Balendu Shekhar Giri, BhawnaVerma	Indian Institute of Technology, BHU
61	Production and characterization of coconut-coir biochars for optimization of Cr (VI) adsorption in aqueous solution.	EEB-P-29	Chinmayee Acharya	C. Acharya*, C. R. Panda, H.N. Thatoi	CSIR-Institute of Minerals and Materials Technology
62	Engineered Living System for Sustainable Treatment of Complex Wastewaters	EEB-P-30	Kiran Kumar A	A. Kiran Kumar, Dileep Kumar. Yeruva, P. Chiranjeevi, Palle Ranadheer, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
63	Optimization of process parameters for enhanced uptake of xenobiotic azo dye (Reactive Red 120) by <i>Helianthus annuus</i> hairy roots	EEB-P-31	Chitra Srikantan	Chitra Srikantan, GK Suraishkumar, Smita Srivastava*	Indian Institute of Technology, Madras
64	Trends on Microbiomes Analysis towards Improving Bioenergy Production	EEB-P-32	Debaleena Roy	Debaleena Roy, Shrestha Debnath, Sudipta Dutta, Eshita Mukhopadhyay,	JIS University, Agarpara

				Pratyusha Dey, Priya Chakraborty, Dipankar Ghosh*	
65	Characterization of Coconut coir and Gasification for Production of Hydrogen Gas	EEB-P-33	Deo Karan Ram	Deo Karan Ram	Maulana Azad National Institute of Technology
66	Conversion of Bioethanol from cotton waste collected from Sursashtra region using various microorganisms	EEB-P-34	Dharmesh H Sur	Dharmesh H Sur*, Murtuza Makada, Darshit Jesani, Nik Ghetiya, Smit Gadhiya	V V P Engineering College, Rajkot
67	Dry anaerobic digestion of food waste: Impact of thermal pretreatment at different pressure and constant temperature on methane yield	EEB-P-35	Vijayalakshmi.A	Vijayalakshmi, A. Gangagni Rao*	CSIR-Indian Institute of Chemical Technology
68	Treatment of real textile dye wastewater in <i>Fimbristylis dichotoma</i> CW-MFC system	EEB-P-36	Dishant Patel	Dishant Patel, Chirayu Desai	Charotar University of Science and Technology
69	Upregulation of De novo lipid synthesis in mutants of oleaginous yeast for biodiesel production	EEB-P-37	Farha Deebea	Farha Deebea, Vikas Pruthi, Yuvraj Singh Negi*	Indian Institute of Technology, Roorkee
70	Isolation and characterization of biosurfactant producing bacterial strain from soil for the remediation of aromatic amine	EEB-P-38	Femina Carolin C	Femina Carolin C, P. Senthil Kumar*	SSN College of Engineering
71	A novel comparative study of polypropylene, polyethylene and polyurethane foam as carriers in moving bed biofilm reactor (MBBR) for the treatment of PAHs wastewater	EEB-P-39	Ganesh Swain	Ravi Kumar Sonwani, Ganesh Swain, Balendu Shekhar Giri, Amrita Shahi, Ram Sharan Singh, Birendra Nath Rai*	Indian Institute of Technology, BHU
72	Fabrication of threedimensional graphene anodes for improved performance in microbial fuel cells	EEB-P-40	Alka Pareek	Alka Pareek, J. Shanthi Sruvan, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
73	Novel study on performance evaluation of hybrid treatment process used for remediation of organophosphate pesticides containing wastewater	EEB-P-41	Harsh Srivastava	Harsh Srivastava, Baasara Nizam, Ankita Tagde, Kulbhushan Samal, Sachin Ramesh Rao Geed*	Madhav Institute of Technology and Science, Gwalior
74	Optimisation of an efficient feeding strategy for maximum bioconversion of glucose to 2,3-Butanediol by <i>Enterobacter cloacae</i> SG1 by fed-batch fermentation	EEB-P-42	Sulfath Hakkim Hazeena	Sulfath Hakkim Hazeena, Parameswaran Binod*	CSIR-National Institute for Interdisciplinary Science and Technology
75	Studies on Consecutive Years of Measurement for Diurnal and Seasonal Variations of Ozone and It's Precursors at an Urban Location in Hyderabad	EEB-P-43	Allu Sarat Kumar	Allu Sarat Kumar, P. Gayathri, A. Gangagni Rao, P. Anand, P. R. Sinha	CSIR-Indian Institute of Chemical Technology
76	Seasonal Effect on Bio-methanation Potential in Anaerobic Digestion of Wholesale Market Waste with Specific Organic Loading	EEB-P-44	Hiya Dhar	Hiya Dhar, Shivpal Verma, Sunil Kumar*	CSIR-National Environmental Engineering Research Institute
77	Enhancing acclimatization of tissue cultured plants by Biotization- a review	EEB-P-45	G.Indravathi	G.Indravathi	KVR Govt. College for Women(A)
78	A comparative study of thermal decomposition kinetics of	EEB-P-46	Vaibhav Dhyani	Vaibhav Dhyani,	Indian Institute of Technology, Hyderabad

	cellulose, hemicellulose, and lignin			AyushiAwasthi, Jitendra Kumar, Lopamudra Giri, Thallada Bhaskar*	
79	Adsorption characteristics of an amine functionalized magnetic silica nanoparticles for toxic metal removal from aqueous solution	EEB-P-47	G. Janet Joshiba	G. Janet Joshiba, P. Senthil Kumar*	SSN College of Engineering
80	Immobilization of microbial consortia on natural matrix for bio-remediation of waste waters	EEB-P-48	Humera Memon	Humera Memon, Nishant Dafale, Atya Kapley*	CSIR-National Environmental Engineering Research Institute
81	Digestate from anaerobic digestion of food waste as feedstock for the production of bioethanol: Comparative assessment on bioethanol production with yeast and mixed inoculum	EEB-P-49	Sameena Begum	Sameena Begum, Shalini Nakkasunchi, A. Gangagni Rao*, Sridhar S, Suresh K Bhargava, Veeraiah Jegatheesan, Nicky Eshtiaghi	CSIR-Indian Institute of Chemical Technology
82	Valorization of enzymatically delignified lignocellulosic substrates for biodiesel production using oleaginous yeast <i>Trichosporon sp.</i>	EEB-P-50	S.P. Jeevan Kumar	S.P. Jeevan Kumar, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
83	Optimized Biodegradation of Carcinogenic Fungicide Carbendazim by <i>Bacillus licheniformis JTC-3</i> from Agro-effluent	EEB-P-51	Jigisha Panda	Jigisha Panda, Tiyasha Kanjilal, Sumona Das	Jadavpur University, West Bengal
84	Decolourization and degradation of textile dye by halophilic <i>Exiguobacterium sp. VK1</i> : biomass and exopolysaccharide (EPS) enhancement for bioremediation of textile industry effluent.	EEB-P-52	Kalpana R	Kalpana, R, Maheshwaran, M, Ashokkumar, B Venkatachalam Ganesh, Varalakshmi, P*	Madurai Kamaraj University
85	Microbial catalysis of organic solid wasteto renewable chemicals and biomaterials in the biorefinery framework	EEB-P-53	A.Naresh Kumar	A.Naresh Kumar, S.Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
86	Diospyros melanoxylon leaf extract mediated green synthesis of silver nanoparticle and its application in methyl violet dye removal	EEB-P-54	Bheemisetty Kartheek	Bheemisetty Kartheek, Sachin Ramesh Rao Geed, Kulbhushan Samal	Madhav Institute of Technology and Science, Gwalior
87	Torrefaction char kinetics of de-oiled microalgae biomass in a fixed bed batch reactor	EEB-P-55	Kotaiah Naik Dhanavath	Kotaiah Naik Dhanavath*, Chandra Sekhar Sugali, Vijayanad Perupogu, Satyanarayana N.V.	CSIR-Indian Institute of Chemical Technology
88	Biosynthesized silver nanoparticle for surface modification of PES ultrafiltration membrane.	EEB-P-56	Kulbhushan Samal	Kulbhushan Samal, Sounak Bera, Chandan Das, Kaustubha Mohanty	Madhav Institute of Technology and Science Gwalior
89	Pre-treatment and Co-digestion of withered flowers for enhanced biogas production	EEB-P-57	Lakshmi C	Lakshmi C, Ranjitha J, Vijayalakshmi S*	VIT, Chennai
90	Elucidating the role of NADH dehydrogenase II in extracellular electron transport (EET) towards sustainable bioelectricity production	EEB-P-58	Vamshi Krishna K	Vamshi Krishna K, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology



91	Bioreduction of hexavalent chromium by microbial consortium isolated from chromite mines of odisha	EEB-P-59	Leonard J	Leonard J, Susmita Mishra	National Institute of Technology, Rourkela
92	Lignin re-deposition during pretreatment is a major factor affecting enzymatic hydrolysis of lignocellulosic biomass	EEB-P-60	Meena S	Meena S, Anil Mathew, Ashok Pandey, Rajeev K Sukumaran*	CSIR-National Institute for Interdisciplinary Science and Technology
93	Bioelectromethanogenesis from inorganic carbon in microbial electrochemical systems: Influence of trace metals on conversion efficiency	EEB-P-61	C. Nagendranatha Reddy	C. Nagendranatha Reddy, Booki Min*	Kyung Hee University, South Korea
94	Comparative assessment on the bioaugmentation of methanogens through addition of granular activated carbon (GAC) and Nanoparticles (NPs) during anaerobic digestion of food waste	EEB-P-62	Sudharshan Juntupally	Sudharshan Juntupally, A. Gangagni Rao*	CSIR-Indian Institute of Chemical Technology
<b>Theme-Food, Agriculture and Medical Biotechnology</b> <b>23<sup>rd</sup> November, 2018 (13.30 PM to 15.30 PM)</b> <b>Venue- IICT-Garden Arena</b>					
95	FT-IR spectroscopy in identification of ocular infectious pathology associated with retinitis	FAMB-P-01	Malleswarapu Mahesh	Malleswarapu Mahesh, Kotakonda Arunasri, Mudit Tyagi, Rajeev R. Pappuru, Sisinthy Shivaji	L.V Prasad Eye Hospital, Hyderabad
96	Deciphering the role of acrylamidase from <i>Gemmobacter caeni</i> ACR-1 in biodegradation of carcinogenic acrylamide	FAMB-P-02	Shahenvaz Alam	Shahenvaz Alam, Kumar Pranaw, Sunil kumar Khare*	Indian Institute of Technology, Delhi
97	Molecular Dynamics Studies on PKR activation and inhibition by the viral evolved dsRNAs.	FAMB-P-03	N. Venkata Raju	Mr. N. Venkata Raju, Mr K H Krishna, Dr. Ch. Anjani Devi, Dr. Abhinav Parashar	VFSTR Deemed to be University
98	NGS meta-analysis for identification of altered expression patterns in transcriptome of Chronic Myeloid Leukemic cells.	FAMB-P-04	Hari Krishna K	Tummala Nikhila Sai, Seelam Akhila, Gidugu Hitesh, Kona Aishwarya, Hari Krishna K	Vignan's Foundation for Science, Technology & Research
99	Exploration of activated sludge resistome using Metagenomics	FAMB-P-05	Shailendra Yadav	Shailendra Yadav, Atya Kapley*	CSIR-National Environmental and Engineering Research Institute
100	Novel synthesis of pyrazolo[3,4-b]pyridines and evaluation of their antimicrobial activity	FAMB-P-06	Ashok Kale	Ashok Kale, Nagaraju Medishetti, K. Sirisha, C. Ganesh Kumar, Krishnaiah Atmakur*	CSIR-Indian Institute of Chemical Technology
101	Extraction of Natural Dye from Marigold Flower and Use Banana Pseudo stem Sap as a Mordant	FAMB-P-07	Meghna Diarsa	Meghna Diarsa, Akshaya Gupte*	Natubhai V. Patel College of Pure and Applied Sciences
102	Characterization of Electron Beam Irradiated Metabolically Active Yet Non Culturable (MAyNC) <i>Salmonella Typhimurium</i> as Potential Vaccine Candidate	FAMB-P-08	Chandni Praveen	Chandni Praveen, Robert C. Alaniz, Robert E. Droleskey, Noah D. Cohen, Palmy R. Jesudhasan, Suresh D Pillai	CSIR-National Institute for Interdisciplinary Science and Technology

103	Colorimetric Detection of Hepatitis C Viral Nucleic acid Using Unmodified Gold Nanoparticles	FAMB-P-09	Almas Shamaila Mohammed	Almas Shamaila Mohammed*, Ravikiran Nagarjuna, Mahammed Nanne Khaja, Ramakrishnan Ganesan, Jayati Ray Dutta	Bioviz Technologies Pvt. Ltd and BITS Pilani, Hyderabad
104	Extraction & characterization of bioactive protein (Gly-X-Y) from the skin of <i>Pterygoplichthys pardalis</i>	FAMB-P-10	N.S. Sampath Kumar	N.S. Sampath Kumar*, D. Vijaya Ramu	Vignan's Foundation for Science, Technology & Research
105	Intensification of $\beta$ -carotene production from isolated microalgae <i>Tetrademus obliquus SGM19</i> under optimized parameters	FAMB-P-11	Neha Singh	Neha Singh, Arun Goyal, V.S. Moholkar*	Indian Institute of Technology, Guwahati
106	Variation of grain quality characters and marker-trait association in rice ( <i>Oryza sativa L.</i> )	FAMB-P-12	Suman K	Suman K, Madhubabu P, SanjeevaRao D, Rojarani A, Prashant S, Subbarao LV, Ravindrababu V, Neeraja CN*	ICAR-Indian Institute of Rice Research
107	Evaluation of anticancer activity of <i>Artemisia nilagirica</i> and phytochemical determination through HPLC-ESI-QTOF-MS/MS technique	FAMB-P-13	Neha sahu	Neha Sahu, Priyank Chaturvedi, Brijesh Kumar, Dipak Datta, K. R. Arya	CSIR-Central Drug Research Institute
108	Molecular assessment of genetic stability and genetic fidelity of in vitro raised banana after several subculture cycles through ISSR markers.	FAMB-P-14	Chintan Kapadia	Chintan Kapadia*, Nitin Patel, Nidhi Patel, Taslim Ahmad	Navsari Agricultural University
109	Attenuation of amyloid fibrillation in presence of Warfarin: A biophysical investigation	FAMB-P-15	Rizwan Hasan Khan	Rizwan Hasan Khan*, Mohammad Khursheed Siddiqi	Aligarh Muslim University
110	Optimization, characterization and antifungal activity of biologically synthesized silver nanoparticles	FAMB-P-16	Simran Singh	Sadaf Khan, Simran Singh, Neelu Nawani, Swapnil Gaikwad, Vinita Vaidya, Sarika Pawar*	Dr. D. Y. Patil Vidyapeeth, Pune, Maharashtra
111	Potato peels as natural antioxidants in omega-3 fatty acids fortified foods: A novel approach	FAMB-P-17	Abhishek Bhattacharya	Abhishek Bhattacharya, Shilpa Purkait, Anwesa Bag, Rabi Ranjan Chattopadhyay	Indian Statistical Institute
112	A facile and efficient preparation of bio-synthetic silver nanoparticles as novel catalyst for preparation of substituted pyrazolo naphthalene derivatives in aqueous media	FAMB-P-18	G. Praveena	G Praveena, Y Swetha, Rajiv Trivedi, R S Prakasham*	CSIR-Indian Institute of Chemical Technology
113	Isolation, screening and evaluation of chlorpyrifos degrading bacteria under rice ecosystem	FAMB-P-19	Avinash H	Avinash H, Nagaraj M Naik, Mahadevaswamy, M Bheemanna, Harishchandra Naik*	University of Agricultural Sciences, Raichur

114	Synergistic combination of phyto-glycosides with therapeutic implications in functional food for diabetics	FAMB-P-20	Ketan Mulchandani	Parul Thakur, Ketan Mulchandani, C.S Madankar	Institute of Chemical Technology, Mumbai
115	Probiotic potential of Lactic acid bacteria from fresh vegetables: application in food preservation	FAMB-P-21	Manisha Junnarkar	Manisha Junnarkar, N.N. Nawani*	Dr.D.Y.Patil Biotechnology & Bioinformatics Institute
116	Innovative Approach for Extenuation of Fly Ash Hazards	FAMB-P-22	Ashootosh Sakharam Mandpe	Ashootosh Sakharam Mandpe, Sunil Kumar*	CSIR-National Environmental Engineering Research Institute
117	Photosensitization in combination of ozone gas delays the postharvest ripening of stored tomatoes	FAMB-P-23	Sayali K. More	Sayali K. More, T.V .Ramana Rao*	Sardar Patel University
118	Prospecting the antimicrobial potential of endophytic fungus <i>Chaetomium globosum</i> from <i>Moringa oleifera</i>	FAMB-P-24	Navdeep Kaur	Navdeep Kaur, Daljit Singh Arora	Guru Nanak Dev University, Amritsar
119	Isolation, Identification and Susceptibility Profile of Biofilm Forming Nosocomial Pathogens from used Urinary and Venous Catheters	FAMB-P-25	P V Thakare	P V Thakare, Niraj Ghanwate, P R Bhise, Yogesh Khalsinge	Sant Gadge Baba Amravati University
120	Synthesis of drug impregnated sol gels and evaluation of sustainable drug release	FAMB-P-26	Balaji Baburao Rathod	Balaji Baburao Rathod, R. S. Prakasham*	CSIR-Indian institute of Chemical Technology
121	Development studies for identification of novel carrier protein- Transferrin Binding Protein from <i>Neisseria meningitidis</i> Serogroup C strain	FAMB-P-27	Abhijeet Karale	Abhijeet Karale, Rajeev Dhere, Asha Mallya, Darshan Gandhi, Niraj Shende, Neelu Nawani, Prashant Bore, Satish Chauk, Dipen Soni, Sushil Patni	Serum Institute of India Pvt.Ltd
122	Study on Bacterial Contamination and Attachment to Foley Urinary Catheters and Strategies for its prevention	FAMB-P-28	Niraj Ghanwate	Niraj Ghanwate*, P V Thakare, P R Bhise, Anjali Tiwari	Sant Gadge Baba Amravati University
123	<i>Tecomella Undulata</i> -Antioxidant Activities: A Comparative Study	FAMB-P-29	Niranjani Soman	Niranjani Soman, S.N.Derle	CSIR-National Environmental Engineering Research Institute
124	Evaluation of <i>in-vivo</i> and <i>in-vitro</i> antidiabetic potential of endophytic <i>Schizophyllum commune</i>	FAMB-P-30	Avinash	Avinash, Jasleen Kaur, Jashanpreet Kaur, Saweta garg, Rajbir bhatti, Amarjeet Kaur*	Guru Nanak Dev University
125	Impact of HIV and TB co-infection on T-cell activation markers in advanced HIV-1 infected patients	FAMB-P-31	Vandana kulkarni	Vandana Kulkarni, Dhananjay Shere, Neelu Nawani	B J Government Medical College, Pune
126	Study of phytochemical properties, total phenolics, total flavonoids and cytotoxicity of ethanolic extract of waste <i>Callistephus chinensis</i> flowers	FAMB-P-32	Sneha Kshirsagar	Sneha Kshirsagar, Aparna Kelkar, Akhila Nair, Pranjali Dhawal, Kshitij Satardekar, Siddhivinayak Barve, Shruti Kakodkar	V G Vaze College of Arts, Science and Commerce
127	Cytotoxic activity and phytochemical analysis of hydroalcoholic fraction of <i>Trianthema decandra</i>	FAMB-P-33	Kalpna Gajjala	Kalpna gajjala, Ravindernath aniseti, Jaya	Osmania University, Hyderabad

				Prakash Dodla	
128	Ectopic expression of JcWRKY transcription factor confers abiotic and biotic stress tolerance in transgenic tobacco	FAMB-P-34	Priyanka S. Joshi	Parinita Agarwal, Mitali Dabi, Priyanka S Joshi, Khantika Patel, Komal K Sapara, Pradeep K Agarwal	CSIR-Central Salt and Marine Chemical Research Institute
129	Targeting Cancer stem cells: Glucocorticoid receptor targeting anti-cancer therapeutics for aggressive cancers	FAMB-P-35	Sudhakar Jinka	Sujan Kumar Mondal, Sudhakar Jinka, Rajkumar Banerjee*	CSIR-Indian Institute of Chemical Technology
130	Ion homeostasis and metabolite mass profiling revealing salt tolerance mechanism in recretohalophyte <i>Aeluropus lagopoides</i>	FAMB-P-36	Prashant More	Payal Sanadhya, Murali Krishna Paidi, Prashant More, Parinita Agarwal, Pradeep K. Agarwal	CSIR-Central Salt and Marine Chemical Research Institute
131	Mechanistic Investigations in Ultrasound-Induced Enhancement of Riboflavin Production by <i>Debaryomyces hansenii</i> var. <i>hansenii</i> MTCC 3574	FAMB-P-37	Amit Batghare	Amit Batghare and Vijayanand S. Moholkar*	Indian Institute of Technology, Guwahati
132	Beneficial Synergistic effect of <i>Zingiber officinale</i> and <i>Terminalia chebula</i> in treatment of Type 2 diabetes: In vitro and In vivo studies	FAMB-P-38	M. Jayasindu	M. Jayasindu, K.M. Gothandam	VIT University, Chennai
133	Evaluation of in vitro efficacy for chlorpyrifos degradation by novel isolate <i>Tistrella</i> sp. AUC10 isolated from chlorpyrifos contaminated agriculture field	FAMB-P-39	Trupti K Vyas	Unnati N Ahir, Trupti K Vyas*, Kelvin D Gandhi, Priti R Faldu, K G Patel	Navsari Agricultural University
134	Antimicrobial activity of endophytic <i>Streptomyces</i> strain SP5 isolated from Citrus limon leaf	FAMB-P-40	Sapna Devi	Sapna Devi, Rajesh Kumari Manhas*	Guru Nanak Dev University
135	Targeting DprE1 for Potential Treatment of Tuberculosis: Computational Approach	FAMB-P-41	Rahul Kumar	Rahul Kumar, Subir Kundu*	Indian Institute of Technology, BHU
136	Metabolic Engineering for Improving Nitrogen Fixers towards Potential Biofertilizers	FAMB-P-42	Somnath Das	Somnath Das, Priyanka Talukdar, Saheli Dey, Palash Ghorai, Dipankar Ghosh*	JIS University, Agarpara
137	A Study on non-heterocystous Cyanobacteria from forests associated with reservoirs of Thrissur District, Kerala	FAMB-P-43	Manu Philip	Manu Philip, M. Shamina	University of Calicut
138	Cyanobacterial epiphytes on mangroves of southern Kerala, India	FAMB-P-44	Arun T Ram	Arun T Ram, Arun T Ram, M. Shamina	University of Calicut
139	Biochemical characterization of two <i>Nostoc</i> species and its effect on rice seed germination	FAMB-P-45	Farhad V.P	Farhad V.P, M. Shamina	University of Calicut
140	Effect of insecticide Malathion on <i>Nostoc humifusum</i> Carm. ex Born. et Flah., a rice field cyanobacterium	FAMB-P-46	Nimly P	Nimly P, M. Shamina	University of Calicut
141	Diversity of Cyanobacterium <i>Scytonema</i> from some rocky habitat of Kerala	FAMB-P-47	Swetha K	Swetha K., M. Shamina	University of Calicut

142	Modelling Anti-TB compounds with the help of Advanced computational technique	FAMB-P-48	Suresh Kumar	Suresh Kumar, Hemant Kumar Srivastava	Indian Institute of Technology, Guwahati
143	Microbial biotransformations by Lactic acid Bacteria to produce natural vanillin from agro waste rich in ferulic acid	FAMB-P-49	Manoj Kumar	Sukumaran Karthika, Manoj Kumar, Aravind Manikka Kubendran, Perumal Varalakshmi, Balasubramaniam, Ashokkumar*	Madurai Kamaraj University
144	In silico site-directed mutagenesis of efficient L-asparaginase enzyme with increase in Asparaginase activity using molecular docking and dynamic studies	FAMB-P-50	Sneha Galande	Sneha Galande, Parag Khursade, Reddy Shetty Prakasham*	CSIR-Indian Institute Of Chemical Technology
<b>Theme-Industrial Biotechnology</b> <b>23rd November, 2018 (13.30 PM to 15.30 PM)</b> <b>Venue- IICT-Garden Arena</b>					
145	Music and lactic acid production: statistical optimization studies	IB-P-01	Aishwarya Srivastava	Aishwarya Srivastava and Rintu Banerjee*	Indian Institute of Technology, Kharagpur
146	Molecular characterization of halo and organic solvent stable xylanase from <i>Pseudopedobacter saltans</i> and its application in xylooligosaccharides production from Kans grass biomass	IB-P-02	Arun Goyal	Kedar Sharma, Abhijeet Thakur, Kaustubh Khaire, Arun Goyal	Indian Institute of Technology, Guwahati
147	Expression of autotrophic gene(s) in desert bacterium <i>Cupriavidus</i> sp. HPC(L) under CO <sub>2</sub> environment	IB-P-03	Leena Agarwal	Leena Agarwal, Anil Prakash, Hemant J. Purohit	Barkatullah University
148	Single Pot Bioprocessing For Ethanol Production from Biogenic Municipal Solid Waste	IB-P-04	Avanthi Althuri	Avanthi Althuri, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
149	Enhancement of Serrapeptase hyper producing mutant by combined chemical and UV mutagenesis and its potential for fibrinolytic and degrading insulin amyloids	IB-P-05	E.Selvarajan	E.Selvarajan*, Shreya Gopinath	SRM Institute of Science and Technology
150	Screening of lactic acid bacteria for efficient fermentative production of different value added products	IB-P-06	Sumit Kumar	Kumar Pranaw, Sumit Kumar, Sunil Kumar Khare*	Indian Institute of Technology, Delhi
151	Cloning and expression of cre recombinase gene for creating a protease knockout in <i>E.coli</i> host system	IB-P-07	Srividya D	Srividya D, Anil HS, Bheemanna M, Saroja Narsing Rao	University Of Agricultural Sciences, Karnataka
152	Economical approach in production and purification of <i>Shigella flexneri</i> polysaccharide: A potential conjugate candidate	IB-P-08	VSLSS Narayana Penta	VSLSS Narayana Penta, Jayati Ray Dutta*	BITS Pilani, Hyderabad
153	Cyclodextrin glycosyl transferase from a novel alkaliphilic <i>Aerococcus</i> sp. PSL	IB-P-09	Priyanka Ladage	Priyanka Ladage, Kisan Kodam*	Savitribai Phule Pune University

154	O:2 Antigen production and development of novel chimeric conjugate antigen ( Vi-O:2- carrier protein)	IB-P-10	Eswar Reddy.Kowlakuntla	Eswar Reddy.Kowlakuntla	Vignan University
155	Listeria & Tetanus –Chimeric toxoid vaccine development	IB-P-11	Ramesh Mundlamuri	Ramesh Mundlamuri , Harish Kumar Reddy , N Jalaja*	Vignan University
156	Optimization of physical parameters and media components for cellulase production using <i>Penicillium janthinellum</i> mutant strain	IB-P-12	Hridya A	Hridya A, Rajeev K Sukumaran*	CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum
157	1,3-propanediol production using <i>Lactobacillus brevis</i> NIE93.3: Evaluation of control objectives under different feeding strategies in a glycerol-glucose co-fed batch fermentation	IB-P-13	Anjali K B	Kodakkattil Babu Anjali, Narisetty Vivek, Emeric Burel, Ashok Pandey, Parameswaran Binod*	CSIR-National Institute for Interdisciplinary Science and Technology
158	Dynamics of Acidogenic Metabolism on Biohydrogen and volatile fatty acids Production	IB-P-14	Omprakash Sarkar	Omprakash Sarkar, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
159	Bioprocess development for the production of 2,5-Furandicarboxylic acid using <i>Aspergillus flavus</i>	IB-P-15	Rajesh R O	Rajesh.R.O, Tharangad Godan, Parameswaran Binod*	CSIR-National Institute for Interdisciplinary Science and Technology
160	Process optimization and kinetic analysis of malic acid production from crude glycerol using <i>Aspergillus niger</i>	IB-P-16	Iyyappan J	J. Iyyappan, G. Baskar*, B. Bharathiraja	Vel Tech high Dr. Rangarajan Dr. Shakunthala Engineering College
161	Enhanced production of platform chemical - itaconic acid using mutated <i>Aspergillus niveus</i> MG183809 from glycerol medium	IB-P-17	R.Gnanasekaran	R. Gnanasekaran, Balaji Dhandapanib*, J. Iyyappana, G. Baskarc	Vel Tech high Dr. Rangarajan Dr. Shakunthala Engineering College
162	An Efficient Whole-Cell Biocatalytic Production of 2,5-Furandicarboxylic Acid By A Novel Strain <i>Acinetobacter oleivorans S27</i>	IB-P-18	Tharangattumana Krishnan Godan	Tharangattumana Krishnan Godan, R O Rajesh, Parameswaran Binod*	CSIR-National Institute for Interdisciplinary Science and Technology,
163	Genome and secretome analyses of hyper cellulolytic fungi reveal potential reasons for improved hydrolytic performance	IB-P-19	Athira Raj S R	Athira Raj S R, Meena S, Amith Abraham, Rajeev K Sukumaran*	CSIR-National Institute for Interdisciplinary Science and Technology
164	Cassava Starch Hydrolysate as Sustainable carbon source for Exopolysaccharide Production by <i>Lactobacillus plantarum</i>	IB-P-20	Soumya M P	Soumya M P, K. Madhavan Nampoothiri*	CSIR-National Institute for Interdisciplinary Science and Technology
165	Bioconversion of pentose sugar to sugar acid by <i>Pseudoduganella danionis</i>	IB-P-21	Lekshmi Sundar M S	Lekshmi Sundar M S, Susmitha A, Soumya M P, K Madhavan Nampoothiri*	CSIR-National Institute for Interdisciplinary Science and Technology
166	Characterization of glycosyltransferase gene from medicinal plant <i>Calotropis procera</i> .	IB-P-22	Akansha Pandey	Akansha Pandey, Tushar Pandey, Yatendra Singh, Sanjeev Kanojiya, Vineeta Tripathi	CSIR-Central Drug Research Institute
167	Characterization and functional properties of exopolysaccharide from <i>Bacillus licheniformis</i> PASS26 with in vitro antitumor and wound healing activities	IB-P-23	Prajakta A. Insulkar	Prajakta A. Insulkar, Savita Kerkar, S. S. Lele	Institute of Chemical Technology, Mumbai

168	Homoacetogenic Biocatalysis for Sustainable Bioconversion of CO <sub>2</sub> to Acetic Acid: Gas Fermentation vs Microbial Electrosynthesis	IB-P-24	Annie Modestra	J. Annie Modestra, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
169	Lipase production by a newly isolated <i>Pseudomonas</i> sps. by Submerged fermentation	IB-P-25	Devi R	Devi R, Rajeev K Sukumaran, K Madhavan Nampoothiri*	CSIR-National Institute for Interdisciplinary Science and Technology
170	Developing <i>Talaromyces emersonii</i> as a source of highly efficient thermostable lignocellulolytic enzymes for 2G ethanol	IB-P-26	Yashika Raheja	Yashika Raheja, Baljit Kaur, B. S. Chadha*	Guru Nanak Dev University
171	Preparation and characterization of a multipurpose magnetic combi-CLEA	IB-P-27	Mohammad Perwez	Mohammad Perwez, Meryam Sardar*	Jamia Millia Islamia
172	Isolation screening and selection of bacterial strain for maximum production of Poly hydroxy butyrate using microbial fermentation	IB-P-28	Jayprakash Yadav	Jayprakash Yadav, Nivedita Patra*	National Institute of Technology, Rourkela
173	Extraction, Purification and Characterisation of Pigment Produced by Bacterial Strain Isolated from Waste Water	IB-P-29	Kasturi Poddar	Kasturi Poddar, Angana Sarkar*	National Institute of Technology, Rourkela
174	Extraction and Characterisation of an Antimicrobial Substance Produced by Bacterial Strain NAn-1 Isolated from Waste Water	IB-P-30	Debapriya Sarkar	Debapriya Sarkar, Angana Sarkar*	National Institute of Technology, Rourkela

**POSTER SESSION II**  
**24<sup>rd</sup> November 2018 (13.15 PM to 15.30 PM)**

YRP Posters -24 <sup>rd</sup> November 2018 (13.15 PM to 15.30 PM) Venue- IICT-Garden Arena					
01	Thioredoxin disulfide reductase derived peptide of <i>Arthrospira platensis</i> : ROS scavenging properties	ABBB-YRP 01	Anbazahan Sannasimuthu	Anbazahan Sannasimuthu, Venkatesh Kumaresan, Jesu Arockiaraj*	SRM Institute of Science and Technology, Chennai
02	Evaluating and Characterization of Microalgae for the potential Biotechnological Applications	ABBB-YRP 02	Asha Jagan Korban	Asha Jagan Korban, A.B. Parameshwar, K. Mohan Reddy, Sunil K. Honni, M.B. Sulochana*	Gulbarga University, Kalaburagi
03	Cryopreservation of <i>Aurantiochytrium limacinum</i>	ABBB-YRP 03	Ayushi Dalmia	Ayushi Dalmia, Ajay W. Tumaney*	Central Food Technological Research Institute, Mysore
04	Economic analysis on evaluating the natural coagulants for harvesting microalgal biomass	ABBB-YRP 04	Bunushree Behera	Bunushree Behera, M. Darshini, K. Nageshwari, P. Balasubramanian*	National Institute of Technology-Rourkela
05	Bioactive from marine brown algae <i>Padina tetrastrum</i> restrains proliferation and mediates p53 dependent autophagy in HeLa cell line	ABBB-YRP 05	Gunaseelan Sathaiah	G Sathaiah, S Kumar Rai, S Ramalingam, S Bhardwaj, B Ashokkumar, P Varalakshmi*	Madurai Kamaraj University, Madurai
06	Synergism of clay with zinc oxide as nanocatalyst for production of biodiesel from marine <i>Ulva lactuca</i>	ABBB-YRP 06	Kalavathy G	G. Kalavathy, G. Baskar*, R. Aiswarya, Elsa Cherian, A.	St. Joseph's College of Engineering, Chennai



				Mohamed Muthaszeer, M.V. Ramanan	
07	Molecular profiling of an oleaginous Trebouxioophycean alga <i>Parachlorella kessleri</i> subjected to nutrient deprivation for enhanced Biofuel production	ABBB-YRP 07	Kashif MS	Kashif MS, Asha AN, Abdin MZ, Jutur PP*	International Centre for Genetic Engineering and Biotechnology, Jawaharlal Nehru University, New Delhi
08	Role of the selective organisms for mitigation of Harmful Algal Blooms (HAB)	ABBB-YRP 08	Mili Pal	Mili Pal, Ajay Dwivedi, Asifa Qureshi*, L.N. Sangolkar	CSIR-National Environmental Engineering Research Institute, Nagpur
09	Extraction of Carotenoids from Marine Algae and its Application in Food Industry	ABBB-YRP 09	Nidhi Hans	Nidhi Hans*, S.N Naik*, Anushree Malik*	Indian Institute of Technology, Delhi
10	Eat wisely to avoid being eaten	ABBB-YRP 10	Pranali Deore	Pranali Deore, Philip Heraud, John Beardall, Santosh Noronha	Indian Institute of Technology-Bombay and Monash university, Mumbai
11	Overexpression of key genes in <i>Clostridium pasteurianum</i> for improved hydrogen production from crude glycerol based on metabolic flux analysis	ABBB-YRP 11	Shyamali Sarma	Shyamali Sarma, Nigel P. Minton, Vikash Kumar Dubey, Vijayanand S. Moholkar*	Indian Institute of Technology, Guwahati
12	Cultivation of <i>Haematococcus pluvialis</i> for astaxanthin recovery in a bubble column photo bioreactor	ABBB-YRP 12	Sanjeet Mehariya	Sanjeet Mehariya*, Antonio Molino, Angela Iovine, Simeone Chianese, Dino Musmarra	University of Campania, Caserta, Italy
13	Co-hydrothermal liquefaction of sewage sludge and sewage wastewater treatment derived microalgae biomass for biocrude production	ABBB-YRP 13	Sanjeev Mishra	Sanjeev Mishra, Kaustubha Mohanty*	Indian Institute of Technology, Guwahati
14	Cultivation of <i>Chlorella sorokiniana</i> under red and white light: Effect of different substrates and concentrations on growth, respiration and omega-3 fatty acids production	ABBB-YRP 14	Suvidha Gupta	Suvidha Gupta, Sanjay B. Pawar	CSIR-National Environmental Engineering Research Institute
15	Enrichment of marine macroalgal proteins and their bioactive potential	ABBB-YRP 15	Tejal K Gajaria	Tejal K Gajaria, Ankit Khandelwal, Vihas T Vasu, Vaibhav Mantri*, CRK Reddy	CSIR-Central Salt and Marine Chemicals Research Institute
16	In-situ Remediation of Landfill Leachate	EEB-YRP 01	Abhishek Khapre	Aishwarya Rani, Abhishek Khapre, Sunil Kumar*	CSIR-National Environmental Engineering Research Institute

17	Formulating thermostable microbial cellulase-xylanase enzyme cocktails for saccharifying cellulose and emicellulose components of lignocellulosic residues	EEB-YRP 02	Anica Dadwal	Anica Dadwal, Ravi Kumar, Shilpa Sharma, T. Satyanarayana	Netaji Subhas Institute of Technology, New Delhi
18	Importance of enzymes system produced by <i>Cyathus bulleri</i> on wheat bran and orange peel in dye decolorization and textile wastewater treatment	EEB-YRP 03	Aakanksha Ahlawat	Aakanksha Ahlawat, Arpita Vats, Saroj Mishra	Indian Institute of Technology, Delhi
19	Electricity generation and wastewater treatment through a mediator-less microbial fuel cell and optimization of various operational parameters	EEB-YRP 04	Anwasha Mukherjee	Anwasha Mukherjee, Rushika Patel, Manisha Shah, Nasreen S. Munshi*	Nirma University, Ahmedabad
20	Physiochemical Analysis of Lignocellulosic Biomasses; <i>Cannabis indica</i> and <i>Phragmites karka</i> , in the Context of Biorefinery	EEB-YRP 05	Falguni Pattnaik	Falguni Pattnaik*, Vivek Kumar*, Satya NarayanNaik*	Indian Institute of Technology, Delhi
21	Designing and optimization of Myco-Bacterial Fuel Cells for Dye Decolorization	EEB-YRP 06	Mamta Pal	Mamta Pal, Rakesh Kumar Sharma*	Manipal University, Jaipur
22	Effect of heat treatment on lignin depolymerization for production of vanillin	EEB-YRP 07	Swati Baghel	Swati Baghel, J. Anandkumar*	National Institute of Technology, Raipur
23	Removal of methylene blue from aqueous solution by almond shell activated carbon: Kinetics and equilibrium study	EEB-YRP 08	M. K. Rai	M. K. Rai, B.S. Giri*, R. S. Singh, B. N. Rai	Indian Institute of Technology, BHU
24	Optimization and kinetics of biodiesel production from <i>Calophyllum inophyllum</i> oil using zinc doped calcium oxide nanocatalyst synthesized from waste plaster of paris	EEB-YRP 09	R. Naveen Kumar	R. Naveenkumar, G. Baskar*	St. Joseph's College of Engineering
25	Equilibrium and column studies of Cr(VI) biosorption using abscised coconut leaves: Kinetics and mathematical modelling	EEB-YRP 10	Poonam Sutar	Jyoti Gokhale*, Poonam Sutar	Institute of Chemical Technology, Mumbai
26	Impact of Microbial consortia on CdS nanoparticle synthesis for Bio-energy generation	EEB-YRP 11	Reddhy Mahle	Reddhy Mahle*, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
27	Chronic exposure to copper oxide nanoparticles causes muscle toxicity in adult zebrafish	EEB-YRP 12	Satheeswaran B	Ramya Mani, Satheeswaran Balasubramanian, Azhwar Raghunath, Ekambaram Perumal*	Bharathiar University, Coimbatore

28	Age dependent responses of <i>Oryza sativa</i> cv Swarna towards nanoscale zero valent iron	EEB-YRP 13	Titir Guha	Titir Guha*, Rohan Chatterjee, Rita Kundu	University of Calcutta, Calcutta
29	Biosorption of hexavalent chromium by novel EPS producing <i>Halomonas</i> sp. DK4	EEB-YRP 14	Vidhi kalola	Vidhi kalola, Chirayu Desai*	Charotar University of Science and Technology, Changa
30	Simultaneous electricity generation and wastewater treatment in constructed wetland coupled with microbial fuel cell technology	EEB-YRP 15	Yamini Mittal	Yamini Mittal, Supriya Gupta, Asheesh Kumar Yadav*	CSIR-Institute of Minerals and Materials Technology, Bhubaneswar
31	<i>In silico</i> Microbial cellulose synthesis: an existing global wonders	FAMB-YRP 01	Akanksha Rastogi	Akanksha Rastogi, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
32	Reactive extraction: a promising approach to separate protocatechuic acid	FAMB-YRP 02	Fiona Mary Antony	Fiona Mary Antony, Kailas L Wasewar*	National Institute of Technology, Nagpur
33	Effect of carotenoid feed and drugs on gut microbiome	FAMB-YRP 03	Gomathinayagam Sankaranarayanan	Gomathi Nayagam S, Gothandam K M*	VIT, Tamil Nadu
34	Extraction and optimization of protein derived from distillery byproduct: A sustainable unique formulation towards malnutrition	FAMB-YRP 04	Jagriti Singh	Jagriti Singh, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
35	Genetic diversity analysis of Odisha buffaloes using STR markers reveals unique population structure of Manda buffalo	FAMB-YRP 05	S Lava Kumar	S. Lava Kumar, Ravinder Singh, S.K. Mishra, V. Vohra, Prem Kumar, S.K. Niranjana, S.K. Dash, R.S. Kataria	National Bureau of Animal Genetic Resources, Karnal
36	Development of validated stability indicating method by rp-hplc for simultaneous estimation of meropenem and vaborbactam drugs in their bulk and in pharmaceutical formulations	FAMB-YRP 06	Mudassar Ahemadkhan Pathan	Mudassar Ahemadkhan Pathan, A.D. Kshirsagar	Swami Ramanand Teerth Marathwada University, Nanded
37	Enzyme based food formulation for controlling glycemic index: A scientific study	FAMB-YRP 07	Mohan Das	Mohan Das, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
38	Utilization of heme iron by <i>Vibrio alginolyticus</i> : A potential virulence factor	FAMB-YRP 08	Raj Kamal Vibhuti	Raj Kamal Vibhuti, Avijit Pramanik*	Central University of Haryana, Pali
39	Comparative docking analyses of chalcones against cycloamine targeting Smo proteins: A therapeutic target for Cancer	FAMB-YRP 09	Renu Pai	Renu Pai, Saisha Vinjamuri*	BMS College of Engineering, Bangalore

40	Synergistic antibiofilm efficacy of essential oils of some selected spices against foodborne bacteria <i>Bacillus cereus</i> and <i>Salmonella typhimurium</i>	FAMB-YRP 10	Shilpa Purkait	ShilpaPurkait, Abhishek Bhattacharyya, Anwesa Bag, Rabi RanjanChattopadhyay	Indian Statistical Institute, Kolkata
41	Callus culture and efficacy evaluation of secondary metabolites extracted from medicinal herb <i>Eupatorium ayapana</i>	FAMB-YRP 11	Sohini Sen	Sohini Sen, Siraj Dutta, Piyali Basak	Jadavpur University, Kolkata
42	Induction of plantlets in <i>Exacum bicolor Roxb.</i> an endangered plant	FAMB-YRP 12	Sharad S. Achar	Sharad. S. Achar, Saisha Vinjamuri	BMS College of Engineering, Bangalore
43	Comparison of In-vitro Anti-oxidant enzymatic parameters in various strains of <i>Lentinula edodes</i> mushroom	FAMB-YRP 13	Sujata Makkar	Sujata Makkar, Ajay Singh, Kiran Nehra*	Deenbandhu Chhotu Ram University of Science and Technology, Murthal
44	Biogenic strategies for bulk production of microbial Transglutaminase from <i>Streptomyces mobaraensis</i> and its application in crosslinking of casein protein	FAMB-YRP 14	Syeda Warisul Fatima	Syeda Warisul Fatima, Rameshwar Tiwari, Sunil K. Khare*	Indian Institute of Technology, Delhi
45	Characterization of pectic oligosaccharides produced from agro-waste of pineapple ( <i>Ananas comosus</i> ) and their anti-cancer activity	FAMB-YRP 15	Vikky Rajulapati	Vikky Rajulapati, Arun Dhillon, Arun Goyal*	Indian Institute of Technology, Guwahati
46	Biodegradation of atrazine by biosurfactant produced from marine <i>Bacillus velezensis</i>	IB-YRP 01	Parameshwar J	Parameshwar J, Nageshwar L, Bee Hameeda*	Osmania University, Hyderabad
47	<i>In silico</i> analysis, molecular cloning and expression of alpha amylase gene from <i>Streptomyces griseus</i> TBG19NRA1	IB-YRP 02	S Alagu Lakshmi	Selvaraj Alagu Lakshmi, Kalibulla Syed Ibrahim, Kannan Balaji, Sugathan Shiburaj, Shunmugiah Karutha Pandian*	Alagappa University, Karaikudi
48	Adsorption studies of lactic and acetic acid from simulated solutions and fermented broth using ion exchange resins: Equilibrium and kinetics	IB-YRP 03	Narisetty Vivek	Narisetty Vivek, Ashok Pandey, Binod Parameswaran*	CSIR-National Institute for Interdisciplinary Sciences
49	Cutinase stabilization and improvement of catalytic activity by ultrasonication and covalent attachment on functionalized magnetic nanoparticles	IB-YRP 04	Abhijeet B. Muley	Abhijeet B. Muley, Sandeep A. Chaudhari, Sandeep B. Bankar, Rekha S. Singhal	Institute of Chemical Technology, Mumbai

50	Fermented feather hydrolysate for synthesis of Fe oxide nanoparticles	IB-YRP 05	M Shiva Kumar Reddy	M. Shiva Kumar Reddy, M. Ramakrishna Reddy, Hameeda Bee, Gopal Reddy*	Osmania University, Hyderabad
51	Discovery and expression of novel LPMOs from thermophilic fungi for designing efficient lignocellulolytic enzyme cocktails	IB-YRP 06	Dhruv Agrawal	Dhruv Agrawal, Neha Basotra, Venkatesh Balan, B. S. Chadha*	Guru Nanak Dev University, Amritsar
52	Hydrolysis of lactose in milk by lactase of <i>Lactobacillus amylophilus</i> GV6	IB-YRP 07	Mahalakshmi S	Mahalakshmi S, Gopal Reddy*	Osmania University, Hyderabad
53	A Comparative analysis of nutrient selection in biocementation and its impact on the structural properties of concrete	IB-YRP 08	Sumit Joshi	Sumit Joshi, M. Sudhakara Reddy*	Thapar Institute of Engineering and Technology, Patiala
54	Production of bioethanol from citrus fruit waste through partial consolidated bio-processing (PCBP)	IB-YRP 09	Debajyoti Kundu	Debajyoti Kundu, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
55	Cost effective biodiesel production from the oleaginous yeast <i>Cryptococcus vishniacci</i> utilizing the antibiotic drug tetracycline as carbon source	IB-YRP 10	KM Sartaj	KM Sartaj, Farha Deeba, Parul A. Pruthi, Vikas Pruthi*	Indian Institute of Technology, Roorkee
56	Biosynthesis of hemoterpene based compounds from engineered <i>B. subtilis</i> by 1-Deoxy-D-Xylulose-4-Phosphate (DXP) pathway genes using agri-waste as substrate	IB-YRP 11	Preeti Chaturvedi	Deepshi Chaurasia, Pratima Gupta*, Preeti Chaturvedi*	CSIR-Indian Institute of Toxicology Research, Lucknow
57	Ionic Liquids: Novel Sustainable Green Solvents for Separation of Bio-butanol from Aqueous media	IB-YRP 12	Kalyani A Motghare	Kalyani A. Motghare, Kailas L Wasewar*	National Institute of Technology, Nagpur
58	Degradation of Catechol via both Ortho and Meta Cleavage Pathway by <i>Paracoccus sp.</i> MKU1	IB-YRP 13	Aravind Manikka Kubendran	Aravind Manikka Kubendran, Jincymole Kappen, Perumal Varalakshmi, Abraham John, Balasubramaniam Ashokkumar*	Madurai Kamaraj University, Madurai
59	Biodiesel production from Oleaginous <i>Aspergillus awamori</i> utilizing glycerol: A comparative study of batch and fed-batch process	IB-YRP 14	Gujjala Lohit Kumar Srinivas	Gujjala Lohit Kumar Srinivas, Rintu Banerjee*	Indian Institute of Technology, Kharagpur
60	Construction and characterization of chimeric enzyme	IB-YRP 15	Priyanka Nath	Priyanka Nath,	Indian Institute of Technology, Guwahati

	developed by fusing $\beta$ -glucosidase (CtGH1) and endoglucanase (CtGH5-F194A) both from <i>Clostridium thermocellum</i> for enhanced catalytic efficiency and thermostability			ArunDhillon, Kedar Sharma Arun Goyal*	
<b>Theme-Energy and Environmental Biotechnology</b> <b>24<sup>th</sup> November, 2018 (13.15 PM to 15.30 PM)</b> <b>Venue- IICT-Garden Arena</b>					
1	Optimization and Pathway Identification of Polycyclic Aromatic Hydrocarbon (PAHs) Degradation by <i>Candida tropicalis</i> and Its Intensification by Sonication	EEB-P-63	Niharika Kashyap	Niharika Kashyap and V. S. Moholkar*	Indian Institute of Technology, Guwahati
2	Upgrading the anaerobic digestion of food waste by using eco-compatible biochar	EEB-P-64	P. Sundar Rajan	P. Sundar Rajan, K.P. Gopinath*, K. Grace Pavithra	SSN College of Engineering
3	Process development for the degradation of textile dyes by Continuous Electrochemical Oxidation process	EEB-P-65	J.Mecgha sri	J.Mecgha sri, M.Sindhu, A.Jaanavee, V.C.Padmanaban*	Kamaraj College of Engineering & Technology
4	Synergistic Impact of Electrode Assembly and Configuration with aquatic plants on azo dye based wastewater treatment	EEB-P-66	Dileep Kumar Yeruva	Dileep Kumar. Yeruva, Palle Ranadheer, A. Kiran Kumar and S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
5	Pyrolysis of Invasive Weed <i>Arundo donax</i> : Improvement of Products through Pre-treatment	EEB-P-67	Philip Bernstein Saynik	Philip Bernstein Saynik, Vijayanand S. Moholkar*	Indian Institute of Technology, Guwahati
6	Study of pluronic L62 performance to extract butanol from fermentation broth using cloud point extraction	EEB-P-68	Pradip B. Dhamole	Atulkumar N Raut, Preety S Gedam, Pradip B. Dhamole*	Visvesvaraya National Institute of Technology
7	Biofuel Synthesis by Single Stage Pyrolysis of Raw Invasive Weed <i>Eichhornia crassipes</i>	EEB-P-69	B. H. Pradeep Kumar	B. H. Pradeep Kumar, Philip Bernstein Saynik, Vijayanand S. Moholkar*	Indian Institute of Technology, Guwahati
8	Role of Membrane Technology in Production of Ethanol from Lignocellulosic Biomass	EEB-P-70	B. Govardhan	B. Govardhan, P.Anand, Nivedita Sahu, S. Sridhar*	CSIR-Indian Institute of Chemical Technology
9	Generation of bio-electricity by indoor plant based microbial fuel cell	EEB-P-71	Pranab Jyoti Sarma	Pranab Jyoti Sarma, Kaustubha Mohanty*	Indian Institute of Technology, Guwahati
10	Screening of C5, C6, C7 alkanes for downstream processing of butanol with microemulsion extraction in cloud point system	EEB-P-72	Preety S. Gedam	Preety S. Gedam, Atulkumar N. Raut, Pradip B. Dhamole*	Visvesvaraya National Institute of Technology, Nagpur
11	Biofilm mediated remediation of polycyclic aromatic hydrocarbons (PAHs) and heavy metal co-contaminated soil systems	EEB-P-73	Prerna Jaidev Yesankar	Prerna Yesankar, Asifa Qureshi*, Hemant J. Purohit	CSIR-National Environmental Engineering Research Institute, Nagpur

12	Electrofermentation - Enhanced Methane Production with Electrode Spatial Arrangement	EEB-P-74	J. Shanthi Sravan	J. Shanthi Sravan, Omprakash Sarkar, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
13	Urban river catchments: The hub of antibiotic resistant and extended spectrum $\beta$ -lactamase producing bacteria	EEB-P-75	Priti P. Yewale	Priti P. Yewale, Aishwarya Sridhar, Faisal Ahmad Khan, A. Mandal, N. N. Nawani*, J. Jass	Dr. D. Y. Patil Biotechnology and Bioinformatics Institute
14	Effect of Salts on Dye Degradation In Self-Induced Bioelectrogenic Microenvironment	EEB-P-76	S. Sreelatha	S. Sreelatha, J. Annie Modestra, A. Naresh Kumar, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
15	Production of Second Generation Bioethanol from Mixed Lignocellulosic Feedstock	EEB-P-77	Rajat Kshetriya Paudel	Rajat K.Paudel, Amol Salagare, Neelu Nawani, G.D.Tandon*	Dr. D.Y. Patil Vidyapeeth Biotechnology
16	Extraction and separation of high value added product using sugaring out	EEB-P-78	Rajendra Yadav	Rajendra D. Yadav, Atulkumar N. Raut, Pradip B. Dhamole*	Visvesvaraya National Institute of Technology, Nagpur
17	Water Reclamation and Chloride Recovery from Pulp and Paper Effluent using Membrane Separation Techniques	EEB-P-79	Shaik Nazia	Shaik Nazia, Nivedita Sahu, S. Sridhar*	CSIR-Indian Institute of Chemical Technology
18	Strategies for safe disposal of excess sludge production in wastewater treatment plants	EEB-P-80	Rasika M. Potdukhe	Rasika M. Potdukhe,*Atya Kapley,Rakesh Kumar	CSIR-National Environmental Engineering Research Institute
19	A Constitutive Metagenomic Approach to Decipher the Inherent Microbial Communities of Arsenic Contaminated Groundwater of Bhojpur, Bihar	EEB-P-81	Rimi Biswas	Rimi Biswas, Angana Sarkar*	National Institute of Technology, Rourkela
20	Energy recovery from biomass - a perspective on biomass characteristics and pre-treatment.	EEB-P-82	Rupak Roy	Rupak Roy, Srimanta Ray*	National Institute of Technology, Agartala
21	Effect of biohythane production from distillery spent wash with addition of landfill leachate and sewage wastewaters	EEB-P-83	S.Vijaya krishna	S. Vijaya Krishna, P. Kiran Kumar, Kavita Verma, D. Bhagawan, V. Himabindu, M. Lakshmi Narasu	Jawaharlal Nehru Technological University, Hyderabad
22	Novel Conductive Polyaniline Nano-composite Electrodes for Bioelectricity generation and Waste Remediation	EEB-P-84	Yellappa Masapogu	Yellappa Masapogu, J Shanthi Sravan, Omprakash Sarkar, *Y V Rami Reddy, S. Venkata Mohan*	Sri Venkateshwara University
23	Assessment of biogas production from Duck weed, a potential lignocellulosic feedstock	EEB-P-85	Sachankar Buragohain	S. Buragohain, K. Mohanty*, P. Mahanta	Indian Institute of Technology, Guwahati
24	Bio-coagulants: cost-effective option for removal of fluoride and arsenic from ground water	EEB-P-86	Bukke Vani	Bukke Vani, Nivedita Sahu, S. Sridhar*	CSIR-Indian Institute of Chemical Technology

25	Substrate replacement as recovering Strategy for 5-hydroxy methyl furfural (5-HMF) inhibition on continuous biohydrogen production	EEB-P-87	Sang-Hyoun Kim	ParthibanAnburajan, ArivalaganPugazhendhi, Jong-Hun Park, Gopalakrishnan Kumar, Sang-HyounKim*	School of Civil and Environmental Engineering, Yonsei University, Seoul
26	Isolation, screening of plant growth promoting bacteria from tannery effluent contaminated soil: Phytoremediation strategy	EEB-P-88	S. Jeevanantham, A. Saravanan	S. Jeevanantham, A. Saravanan*, P. R. Yaashikaa, P. Senthil Kumar	Rajalakshmi Engineering College
27	Developing an effective microbial consortium to achieve mineralization of Reactive black 5 (RB 5) in effluent of textile dyeing unit in Amritsar	EEB-P-89	Satish Koundal	Satish Koundal, Prince Dhammi, H.S.Saini*	Guru Nanak Dev University
28	Selective Enrichment of Homoacetogens Towards Fatty acids Production from CO <sub>2</sub>	EEB-P-90	Sridivya	Sridivya Vungarala, J. Annie Modestra, Ranapratap Katakajwala, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
29	Extremophilic cellulose degrading bacterial strains and their effect on sugarcane bagasse	EEB-P-91	Saurabh Singh	Saurabh Singh*, Jay Prakash Verma	Institute of Environment and Sustainable Development, Banaras Hindu University
30	Integrated Membrane Technology for Efficient and Economical Treatment of Coffee Industrial Effluent	EEB-P-92	Sajja. S. Chandrasekhar	Sajja. S. Chandrasekhar, Nivedita Sahu, S. Sridhar*	CSIR-Indian institute of Chemical Technology
31	Isolation and characterization of microalgae isolated from sewage treatment plant for CO <sub>2</sub> biofixation and lipid production	EEB-P-93	Shaili Srivastava	Shaili Srivastava*, Neha Maheshwari, I.S Thakur	Amity University, Gurugram
32	Cassava peel based media optimization for Single cell oil production from oleaginous yeast Rhodotorula glutinis	EEB-P-94	Shivani Chaturvedi	Shivani Chaturvedi*, Rameshwar Tiwari, Amrik Bhattacharya, Lata Nain, Sunil K. Khare	Indian Institute of Technology, Delhi
33	Low-cost compact modular sewage treatment unit for Decentralized Applications	EEB-P-95	Gayathri Mahalakshmi	Omprakash Sarkar, K. Gayathri Mahalakshmi, S. Venkata Mohan*	CSIR- Indian Institute of Chemical Technology
34	Ultraviolet irradiation of Bacillus amyloliquefaciens SS35 for producing hyperactive mutant strain for improved cellulase activity	EEB-P-96	Shweta Singh	Shweta Singh, Arun Dhillon, Arun Goyal*	Indian Institute of Technology, Guwahati
35	Establishment of cellulolytic microbial consortium by exploring rumen microbiome for efficient bioconversion of lignocellulosic biomass waste	EEB-P-97	Shweta Srivastava	Shweta srivastava, Nishant A Dafale*, Hemant J Purohit	National Environmental Engineering Research Institute, Nagpur
36	Prediction of trace gas trends and their impact assessment on environment using Artificial Neural Networks	EEB-P-98	S. Sharanya	S. Sharanya, P. Anand, Allu Sarat Kumar, P. Gayathri, A. Gangagni Rao*	CSIR-Indian Institute of Chemical Technology
37	Genetic investigation of microbial community and	EEB-P-99	Sneha Tapadia-	Sneha Tapadia-	Agharkar Research Institute



	metabolism selected by optimized nutrient and process parameters that facilitated sustainable biomethanation of rice straw without thermochemical pretreatment		Maheshwari	Maheshwari, Soham Pore, Anupama Engineer, Deepa Shetty, S.S Dagar, P.K. Dhakephalkar*	
38	Polybrominated diphenyl ethers (PBDEs): An emerging environmental threat and a potential health hazard	EEB-P-100	Sonam Paliya	Sonam Paliya, Kanchan Kumari	CSIR-National Environmental Engineering Research Institute
39	Self-Induced Bioelectro-Potential Process for Salts and Sulphate Removal	EEB-P-101	T K Vanitha	ManupatiHemalatha, J Shanthi Sravan, T K Vanith, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
40	p-cresol Biodegradation Studies using Novel Bacterial Strains Isolated from Petroleum Hydrocarbon Fallout	EEB-P-102	Sounak Bera	Sounak Bera, Heena Kauser, Kaustubha Mohanty*	Indian Institute of Technology, Guwahati
41	Floating phytobeds with <i>Cyperus rotundus</i> technology for treatment of real textile effluent	EEB-P-103	Suhas K. Kadam	Suhas K. Kadam, Vishal V. Chandanshive, Jyoti P. Jadhav, Sanjay P. Govindwar*	Shivaji University Kolhapur
42	Biogenic phosphate recovery from dairy waste water to a sustainable approach	EEB-P-104	Miyon Moyong	Miyon Moyong, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
43	Enhanced treatment of swine wastewater and energy recovery using anaerobic digester and subsequent stacked microbial fuel cell system	EEB-P-105	In Seop Chang	Taeyoung Kim, Jae Kyung Jang, In Seop Chang	Gwangju Institute of Science and Technology (GIST)
44	Diversity and conservation of migratory birds in Midnapore.W.B	EEB-P-106	Suman Pratihar	Suman Pratihar*	Sukumar Sengupta Mahavidyalaya Keshpur, W.B
45	Biofuel: A Sustainable Approach towards Bio-economy in India	EEB-P-107	Sweta Kumari	Sweta Kumari, Sunil Kumar*	CSIR-National Environmental Engineering Research Institute
46	Graph theoretic routing and connectivity analysis of piperdone derivatives and extension towards CTG accepting CMD Modelling	EEB-P-108	J.B.Veeramalini	J.B.Veeramalini*, B. Bharathiraja, G.Baskar	Veltech High Tech Dr. Rangarajan Dr Sakunthala Engineering College
47	Defining Phenanthrene Degradation Pathways in bacterial isolates	EEB-P-109	Upasana Arora	Upasana Arora,Atya Kapley*	CSIR-National Environmental Engineering Research Institute
48	Influence of Process Variables on Two-Step Microwave Assisted Transesterification of Waste Cooking Oil: Optimisation using Response Surface Methodology	EEB-P-110	K.V. Supraja	K.V. Supraja, Bunushree Behera, P. Balasubramanian	National Institute of Technology, Rourkela
49	Treatment of real textile industry effluent using <i>Vetivera zizanioides</i> in constructed drench system	EEB-P-111	Vishal V. Chandanshive	Vishal V. Chandanshive, Suhas K. Kadam, Jyoti P. Jadhav, Sanjay P. Govindwar	Department of Biochemistry, Shivaji University, Kolhapur
50	Structural Prediction of Copper resistant bacteria and its applications: Phytoremediation and Biosorption	EEB-P-112	P R Yaashikaa, A Saravanan	P. R. Yaashikaa*, P. Senthil Kumar*, A. Saravanan	SSN College of Engineering

51	Potentiometric PPO Biosensor for Sensitive Determination of Phenolic Micropollutant in Environmental Samples	EEB-P-113	Yashas S R	Yashas S R, Sandeep S, Shivakumar B P, N Kumara Swamy	JSS Science and Technology University
52	Aerobic granular biomass: An affluent feed stock of biopolymer	EEB-P-114	M. Sarvajith	M. Sarvajith, Y.V. Nancharaiah*	Bhabha Atomic Research Centre
53	Integrated valorization of plant residues from the enset food crop for increased revenues for local communities	EEB-P-115	Isabel Miranda	Isabel Miranda, Hanna Berhanu, Suzana Ferreira-Dias, Zebene Kiflie, Sisay Feleke, Abubeker Yimam, Helena Pereira	Centro de Estudos Florestais
54	Fast, versatile and long read nanopore sequencing reveals enriched xenobiotic degrading genes in hypersaline Lonar Lake, India	EEB-P-116	Jaya Chakraborty and Vibhavari Sapkale	Jaya Chakraborty, Vibhavari Sapkale, Mahesh Dharne	CSIR-National Chemical Laboratory, Pune
55	Hot spring microbes for Crude oil and PAH degradation: a novel approach	EEB-P-117	RakeshKumar Yadav	RakeshKumar Yadav, Gajanan Mehetre, Syed Dastager, Mahesh Dharne	CSIR-National Chemical Laboratory, Pune
56	The National Collection of Industrial Microorganisms (NCIM) at CSIR-NCL: a gateway for microbial strains and services	EEB-P-118	Govinda Navale	Govinda Navale, Rakesh Kumar Yadav, Syed Dastager, Mahesh Dharne	CSIR-National Chemical Laboratory, Pune
57	“Eureka” Non-utilized extracellulites turned into an efficient biocatalyst for diol formation	EEB-P-119	Roopa Parate	Roopa Parate, Mahesh Dharne, C.V. Rode*	CSIR-National Chemical Laboratory, Pune
58	Production of functional chemicals from the Pyrolysis of Mentha Arvensis (Mentha waste)	EEB-P-120	Ayushi Awasthi	Ayushi Awasthi, Taranpreet Kaur, Jitendra Kumar, Yenumala Sudhakara Reddy, Thallada Bhaskar*	CSIR-Indian Institute of Petroleum, Dehradun
59	Hydrodynamic Studies in Fixed Bed Column for the Removal of Glyphosate Herbicide using Tailored Karanja Biochar: Experimental Investigations and CFD Modeling	EEB-P-121	Alka Kumari	AlkaKumari, Vineet Aniya, S. Sireesha, B. Satyavathi*	CSIR-Indian Institute of Chemical Technology
60	Development and validation of analytical method for the quantitative evaluation of 75 multi-class pharmaceuticals and personal care products including antibiotics in environmental samples using liquid chromatography-tandem mass spectrometry	EEB-P-122	Satyanand Konda	Satyanand Konda, Ankita Asati, Mike Williams, Mohana Krishna Reddy Mudiam*	CSIR-Indian Institute of Chemical Technology
61	PEtase extracted from <i>Idionella sakaiensis</i>	EEB-P-123	Sayed Zafar	Sayed zafar, Varsha Masna,R.surya Chandra, Rajasri Yadavalli	Sreenidhi institute of science and technology
62	Novel Strategy for Screening and Improvement of Electrochemically Active Bacteria	EEB-P-124	Sandipam Srikanth	Sandipam Srikanth, Manoj Kumar, S K Puri, S S V Ramakumar	Indian Oil Corporatin Limited

63	Valorization of residual lignin to biogas: Influence of pretreatment and substrate nature	EEB-P-125	L.R. Nuthalapati	L.R Nuthalapati, Manoj Kumar, Sarita Sachdeva, S.K. Puri	Manav Rachna International Institute of Research and Studies, Haryana
<b>Theme-Food, Agriculture and Medical Biotechnology</b> <b>24<sup>th</sup> November, 2018 (13.15 PM to 15.30 PM)</b> <b>Venue- IICT-Garden Arena</b>					
64	Design and Synthesis of Ferrocenylquinoline Hybrid as a Potential Antileishmanial Agent	FAMB-P-51	Md Yousuf	Md Yousuf, Debarati Mukherjee, Chiranjib Pal, Rajkumar Banerjee, Susanta Adhikari*	CSIR-Indian Institute of Chemical Technology
65	Understanding seed deterioration mechanisms in groundnut ( <i>Arachis hypogaea L.</i> )	FAMB-P-52	Samudrala Prashant Jeevan Kumar	S. P. Jeevan Kumar*, Dinesh K. Agarwal, Govind Pal, Sripathy K.V, Ramesh K. V., Udai Bhaskar K, Boraiah K, M., Vijay Kumar H.P.	ICAR-Indian Institute of Seed Science
66	Cationic Progesterone-Based Nano-Aggregate as Anti-Tumor Agent	FAMB-P-53	Tanveer Ahmed	Sujan Kumar Mondal, M. Tanveer Ahmed, Rajkumar Banerjee*	CSIR-Indian Institute of Chemical Technology
67	Evaluating the 90 days oral toxicity of imidacloprid in male rat through mass spectrometrybased metabolomics	FAMB-P-54	Satyajeet Rai	S Rai, A K Singh, A Srivastava, A Kumar Singh, D Singh, M K Srivastava, Mohammed. H Siddiqui, M R Mudiam*	CSIR-Indian Institute of Toxicology Research
68	Identifying metabolic perturbations in wistar rats after exposure to nanosized zinc oxide particles	FAMB-P-55	Amit Kumar Singh	Amit Kumar Singh, Satyajeet Rai' Dhirendra Singh, Mahadeo Kumar, P.N. Saxena Brajadulal Chattopadhyay, Mohana Krishna Reddy Mudiam	CSIR-Indian Institute of Toxicology Research
69	Designing of promising G-quadruplex stabilizers	FAMB-P-56	Samiyara Begum	Samiyara Begum, Ashish Kumar Gupta, Hemant	Indian Institute of Technology, Guwahati

				Kumar Srivastava	
70	Characterization of anti-dental plaque enzyme (a 1-3 glucanase) from <i>Burkholderia cepacia</i> (MTCC-1617)	FAMB-P-57	R. Naga Amrutha	R Naga Amrutha*, B Sudheer Kumar, M K Samuel Theophilous, Nishita Landgey, R S Prakasham*	CSIR-Indian Institute of Chemical Technology
71	Synthesis, Characterization and Anticancer activity of BetaCyclodextrin-Chitosan-Asparaginase Nanocomposite against PC3 and U937 cancer cells.	FAMB-P-58	N.Supria Sree	G. Baskar*, N.Supria Sree	St.Joseph's College of Engineering
72	Isolation, purification and characterization of fibrinolytic enzymes from <i>Stenotrophomonas maltophilia GD2</i>	FAMB-P-59	Parag S. Khursade	Parag S. Khursade, Sneha H Galande, R S Prakasham*	CSIR-Indian Institute of Chemical Technology
73	Using Computational analysis to unravel <i>Shewanella putrefaciens</i> 95 putrescine monooxygenase as a potent drug target for bacterial diseases.	FAMB-P-60	Saroja Narsing Rao	Anil HS, Srividya D, Nagarathinam B, Saroja Narsing Rao	University Of Agricultural Sciences
74	Anomeric forms of sugars in glycosomal carbohydrate metabolism of trypanosomatids	FAMB-P-61	Shreedhara Gupta	Shreedhara Gupta*, Paul A.M. Michels	Jogamaya Devi College, Kolkata
75	Metabolic investigations through mass spectrometry-based metabolomics to identify the metabolic perturbations due to artificial ripening of papaya with calcium carbide and ethylene	FAMB-P-62	Sireesha Ganneru	Sireesha Ganneru, Hussain Shaik, Mohana Krishna Reddy Mudiam*, Kiranmayi*	CSIR-Indian Institute of Chemical Technology
76	Dysregulated T-cells as predictor of Tuberculosis-Associated Immune Reconstitution Inflammatory Syndrome (TB-IRIS) in HIV-infected patients	FAMB-P-63	Chaitenya Verma	C Verma, S K Sharma, K Natarajan, VSreenivas, V Upadhyay, S Sinha, S Rnjan, Narinder K. Mehra, G Kaur, Smriti Hari	ACBR, DU/AIIMS, New Delhi
77	Extracellular silver nanoparticles: Green synthesis using leaves extract of <i>Mimosa pudica</i> and assessment of antibacterial and antifungal activities	FAMB-P-64	Sunita Varjani	M. Gopinath*, Sunita Varjani, S. Shanthasheela, C. Mohanapriya	Selvam College of Technology
78	Synthesis and Characterization of Polyethersulfone Hemodialysis Membranes Modified by Grafting Technique	FAMB-P-65	N. Shiva Prasad	N. Shiva Prasad, Srinivasan Madapusi, Suresh K. Bhargava S. Sridhar*	CSIR-Indian Institute of Chemical Technology

79	Studies on in vitro antimicrobial activity of ethanolic extract for Senna alata (L) leaves by disc diffusion method	FAMB-P-66	Kanakal Mahibub	Kanakal Mahibub, Meti Vijaykumar, Lean Yen Loong, Doblin sandai	Quest International University, Perak
80	Homology modelling and Molecular Dynamics Simulations of Human Sulfonylurea receptor: A Pancreatic Protein	FAMB-P-67	P. John Reddy	P. John Reddy, G.P.L Jayasree*	Sreenidhi Institute of Science and Technology
81	Discovery a Subclass of Methionine Aminopeptidase Family that also Cleaves Peptides with Leucine on the Amino-terminus	FAMB-P-68	Sandeep Chowdary Bala	Sandeep Chowdary Bala, Nishatul Haq, Vijaykumar Pillalamarri, RaviKumar Reddi, Anthony Adlagatta*	CSIR-Indian Institute of Chemical Technology
82	Insilico homology modelling and docking studies of accessory V-protein of Nipah Henipa virus	FAMB-P-69	I Gayathri Priya	I Gayathri Priya, Ipshita Pradhan, G Krutika Iyer, Jayasree Ganugapati*	Sreenidhi Instiute of Science and Technology
83	The Potential to Modify Genomes of Chloroplasts for Production of Chlorophylls f and d	FAMB-P-70	Roshan V. Kondapalli	Roshan V. Kondapalli, Gayatri Brahmandam	Sreenidhi Institute Science and Technology
84	Diels Alderese –A thriller story of nature	FAMB-P-71	RajnandaniKashyap	Rajnandani Kashyap, Vijaykumar Pillamarri, Anthony Adlagatta*	CSIR-Indian Institute of Chemical Technology
85	Isolation of bioactive compound from endophytic fungi of medicinal plant	FAMB-P-72	M. Vasundhara	Harman Gill, M. Vasundhara	Thapar Institute of Engineering and Technology, Patiala
86	Discovery of Natural Product Ovalicin Sensitive Type 1 Methionine Aminopeptidases: Molecular and Structural Basis	FAMB-P-73	Vijaykumar Pillalamarri	Vijaykumar Pillalamarri, Tarun Arya, Nishatul Haque, Sandeep Chowdary Bala, Anil Kumar Marapaka, Anthony Adlagatta *	CSIR-Indian Institute of Chemical Technology
87	Discovery of a PfA-M1 Selective Inhibitor over Mammalian Counterpart as Antimalarial Agent	FAMB-P-74	Anil Kumar Marapaka	Anil Kumar Marapaka, Yingjie Zhang, Anthony Adlagatta*	CSIR-Indian Institute of Chemical Technology
88	Structural and Biochemical studies of Dihydroorotate dedrogenase from Mycobacterium tuberculosis	FAMB-P-75	Reddi Bharati	Reddi Bharati, Chandan Kishor,Anthony	CSIR-Indian Institute of Chemical Technology

				<b>Addlagatta*</b>	
89	Potential anti-proliferative agents from 2,3-dimethyl benzocycloheptenones-part 3	FAMB-P-76	Suresh Kasaboina	Suresh Kasaboina, P. M. Gomedhika, Lingaiah Nagarapu*	CSIR-Indian Institute of Chemical Technology
90	Integrated control of dengue through predictive models in Telangana, India	FAMB-P-77	Priyanka Sankoju	Priyanka Sankoju, R.V. Sriram Uday, Anthony Addlagatta*	CSIR-Indian Institute of Chemical Technology
91	DNA Barcoding in Complementing authentication of <i>Nardostachys jatamansi</i> & <i>Selinum vaginatum</i>	FAMB-P-78	Rajyalakshmi I	Rajyalakshmi I, Rao A.V, Ravindra Babu Potti	Sreenidhi Institute Science and Technology
<b>Theme-Industrial Biotechnology</b> <b>24<sup>th</sup> November, 2018 (13.15 PM to 15.30 PM)</b> <b>Venue- IICT-Garden Arena</b>					
92	Development of Green Process for the Synthesis of Flavor and Fragrance Esters	IB-P-31	Shreya Tripathi	Shreya Tripathi, Sunil Kumar Khare, Satya Narayan Naik	Indian Institute of Technology, Delhi
93	A Comparative Study on the Synthesis of Lipase from <i>Candida antarctica</i> using Different Inducers	IB-P-32	Nipon Sarmah	Nipon Sarmah, D. Revathi, G. Sheelu, C. Sumana	CSIR-Indian Institute of Chemical Technology
94	Co-fermentation of glucose and lactic acid towards caproic acid via chain elongation	IB-P-33	Shikha Dahiya	Shikha Dahiya, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
95	Bio-sorption of heavy metals from electroplating Industry using blue green algae	IB-P-34	Bhagya Lakshmi M G	Bhagya Lakshmi M G*	CSIR-Indian institute of Chemical Technology
96	Isolation and production of alkaliphilic B-Galactosidase with potential for prebiotic synthesis from newly isolated strain of <i>Paracoccus</i>	IB-P-35	K.K.Pooja	K.K.Pooja, K.M. Gothandam	Vellore Institute of Technology
97	Biochemical studies on the plant protease inhibitor from black eyed peas ( <i>Vigna unguiculata</i> )	IB-P-36	Sarika Dengele	Dengele Sarika, Kore S.V., Dake M.S., Puntambekar A. N.*	Dr. D.Y. Patil Biotechnology and Bioinformatics Institute, Pune
98	Stimulated Translocation of intracellular biomolecules: Novel way of selective Bioseparation	IB-P-37	Jayeshkumar Sevantilal Mevada	Jayeshkumar Sevantilal Mevada*, Aniruddha Bhalchandra Pandit	Institute of Chemical Technology, Mumbai
99	Isolation & Identification of Marine Endophytic Fungi from Mangroves of Andhra Pradesh and Bio-evaluation of their Secondary Metabolites	IB-P-38	Asha Priya Mandarada	Asha Priya Mandarada, M.Srinivasa Rao	CSIR-Indian Institute of Chemical Technology
100	Direct Utilization of agroresidual biomass for value added products using genetically engineered	IB-P-39	Silvin Hannibal	Silvin Hannibal, Keerthi Sasikumar, Volker F.	Bielefeld University

	<i>Corynebacterium glutamicum</i>			Wendisch*, K.Madhavan Nampoothiri	
101	Determination of 1,5-dihydroxy-3, 8-dimethoxyxanthone in <i>Swertia paniculata</i> by UPLC-PDA: Method Development and Validation	IB-P-40	Vivek Ahluwalia	Vivek Ahluwalia, Nishant Pandey, Bhuwan B. Mishra	Center of Innovative and Applied Bioprocessing
102	Extraction of erythromycin using sugaring out	IB-P-41	Sharayu Moharkar	Sharayu Moharkar, Pradip Dhamole*	Visvesaraya National Institute of Technology Nagpur
103	Green synthesis of Zinc Oxide nano particles using <i>Trigonella foenum-graecum</i> seeds-characterization and application	IB-P-42	R. Umamageshwari	R. Umamageshwari, S. Justin Packia Jacob*	St Joseph's College of Engineering, Anna University
104	Experimental and Computational study of lipase catalyzed kinetic resolution of racemic diols	IB-P-43	Ashwini C. Mathpati	Ashwini C. Mathpati, B. M. Bhanage*	Institute of Chemical Technology, Mumbai
105	Isolation and characterization of biosurfactant from <i>Candida sp.</i> and their antibacterial activity against pathogenic strains.	IB-P-44	Vivek Kumar Gaur	Vivek Kumar Gaur, Krishna Gautam, Raj Kumar Regar, Nitesh Dhiman, Janmejai Kumar Srivastava, Mohan Kamthan, Natesan Manickam*	CSIR-Indian Institute of Toxicology Research
106	Effect of organophosphate pesticide on growth of <i>Actinobacteria</i>	IB-P-45	Venugopal Gopikrishna	Venugopal Gopikrishnan, Manikkam Radhakrishnan*, Meganathan P. Ramakodi, Angamuthu Vignesh	Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai, India
107	Characterization of Antimicrobial Peptide (AMP) from Endophytic <i>Bacillus sp</i> as Biocontrol agent.	IB-P-46	Dhanshree Navale	Laxmi Barapatre, Shivani Bhairamkar, Dhanshree Navale, Rachna Pandey	Dr. D. Y. Patil Biotechnology & Bioinformatics Institute, Pune
108	Requirements for methanol-based production of lysine derivatives in <i>Bacillus methanolicus</i>	IB-P-47	Carsten Haupka	Carsten Haupka, Volker F. Wendisch	Bielefeld University
109	Elimination of pyruvate by controlling carbon flux towards oxidative pathway for enhanced 3-hydroxypropionic acid using recombinant <i>E. coli</i> WΔglpKΔglcA	IB-P-48	Mugesh Sankaranarayanan	Mugesh Sankaranarayanan, Ashok Somasundar, Sunghoon Park	Veltech Rangarajan Dr.Sagunthala R&D Institute of
110	Xylose isomerase production from thermophilic fungi, <i>Scytalidium thermophilum</i> NFCCI 3984 and optimization of culture conditions by Response Surface Method	IB-P-49	Ayesha Fatima Rizvi	A.F. Rizvi*, V. Rai, A.K. Gupta	SOS Life Sciences Pt Ravishankar Shukla University
111	Sustainable Environmental Analysis Tool For Products And Process Development	IB-P-50	Bhavanasindhu	K. Bhavanasindhu, Shikha Dahiya, Ranapraphap Katakajwala, Gayathri Kosuru, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology

112	Characteristics of hot spring micro organisms and their enzymatic activity	IB-P-51	Upasana Mohapatra	Upasana Mohapatra, C. R Panda, Sony Pandey	CSIR-Institute of Minerals and Materials Technology
113	Optimization by CCD-RSM and ANN of production parameters for enhancement of L-Lysine production using <i>Corynebacterium glutamicum</i> ATCC13059 by CCD-RSM and ANN	IB-P-52	Ashutosh Kumar Pandey	Ashutosh Kumar Pandey*, Kritika Pandey, Lalit Kumar Singh	Harcourt Butler Technical University
114	Succinic acid production by <i>Citrobacter amalonaticus</i> by augmenting extracellular electrons in a bio-electrochemical system	IB-P-53	K. Amulya	K. Amulya, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
115	High yield and low cost biosurfactant production from <i>Bacillus licheniformis</i> SV1 by modelling continuous fermentation process	IB-P-54	Nayan Tiwari	Nayan Tiwari, Sonam Gupta, Vikas Pruthi	Indian Institute of Technology Roorkee
116	Electrocoagulation: A cleaner approach towards enhancing biodegradability of leachate from hazardous waste landfill leachate.	IB-P-55	Pratibha Gautam	Pratibha Gautam*, Sunil Kumar	Shroff S R Rotary Institute of Chemical Technology
117	Microbial oil Production by <i>Cryptococcus curvatus</i> from Biogenic Short Chain Fatty Acids	IB-P-56	Sulogna Chatterjee	Sulogna Chatterjee, S. Venkata Mohan*	CSIR-Indian Institute of Chemical Technology
118	Bioprospecting of environmental microbiome for novel thermostable lipases	IB-P-57	Ramya Sree Boddu	Ramya Sree Boddu, Divakar K	National Institute of Technology, Warangal
119	Cyano-Photosynthetic bacterial Hybrid System: Synergetic Association for Self-Sustained Operation	IB-P-58	Hemalatha Manupati	Manupati Hemalatha, J Shanthi Sravan, Book Min, S Venata Mohan*	CSIR-Indian Institute of Chemical Technology
120	Microbial Electrosynthesis of Butanol from CO <sub>2</sub>	IB-P-59	P. Chiranjeevi	P. Chiranjeevi, Sunil A. Patil	Indian Institute of Science Education and Research (IISER), Mohali
121	Controlled Synthesis of Poly[3-hydroxybutyrate-co-3-hydroxyvalerate] and co-production of Carotenoids by <i>Paracoccus</i> sp. LL1 using volatile fatty acids	IB-P-60	Prasun Kumar	Prasun Kumar*, BeomSoo Kim	Chungbuk National University
122	Deciphering lipid biosynthetic pathway and oil accumulation pattern in an imminent biofuel tree species, <i>Pongamia pinnata</i> (L.) using RNA sequencing	IB-P-61	V Sreeharsha Rachapudi	V Sreeharsha Rachapudi, Attipalli R Reddy*	CSIR-Indian Institute of Chemical Technology