

Schedule of ICBSEE-INDIA-2022

<i>Day 1: 20th June 2022</i>	
Time	Programme
9:00 AM – 10:00 AM	Inauguration
10:00 AM – 10:30 AM	Tea Break
10:30 AM – 11:15 AM	Keynote Speaker [Prof. Ashok Pandey]
11:15 AM – 12:00 PM	Keynote Speaker [Prof. Ji Dong Gu]
Session	I (Environment)
Chair	Prof. Ji-Dong Gu Prof. Sujit Sen Prof. Achlesh Daverey
12:00 PM – 12:15 PM	ICBSEE-2022-IS-36 (ONO 1)
12:20 PM – 12:35 PM	ICBSEE-2022-IS-33 (ONO 2)
12:40 PM – 12:55 PM	ICBSEE-2022-IS-6 (ONO 3)
1:00 PM – 1:15 PM	ICBSEE-2022-IS-5 (ONO 4)
1:20 PM – 1:35 PM	ICBSEE-2022-IS-12 (ONO 5)
1:35 PM – 2:35 PM	Lunch Break
2:40 PM – 3:25 PM	Keynote Speaker [Prof. Abdul Wahab Mohammad]
3:30 PM – 4:15 PM	Keynote Speaker [Prof. Thallada Bhaskar]
Session	II (Bioprocess/Environment)
Chair	Prof. Thallada Bhaskar Prof. Krishna Pramanik Prof. Srabanti Basu
4:20 PM – 4:35 PM	ICBSEE-2022-IS-10 (ONO 6)
4:40 PM – 4:55 PM	ICBSEE-2022-IS-31 (ONO 7)
5:00 PM – 5:15 PM	ICBSEE-2022-IS-35 (ONO 8)
5:20 PM – 5:35 PM	ICBSEE-2022-IS-48 (ONO 9)
5:40 PM – 5:55 PM	ICBSEE-2022-IS-40 (ONO 10)
6:00 PM – 6:15 PM	ICBSEE-2022-92/EV-42 (ONO 11)
6:20 PM – 6:35 PM	ICBSEE-2022-IS-37 (ONO 12)
6:40 PM – 6:55 PM	ICBSEE-2022-IS-15 (ONO 13)
7:00 PM – 7:15 PM	ICBSEE-2022-IS-23 (ONO 14)

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<i>Day 2: 21st June 2022</i>	
Time	Programme
9:00 AM – 9:45 AM	Keynote Speaker [Dr. Yanlong Zhang]
9:45 AM – 10:30 AM	Resource Speaker [M. N. V. Prasad]
10:30 AM – 10:45 AM	Tea Break
Session	III (Omics)
Chair	Prof. Pradeep K Verma Prof. Nandini Sarkar Prof. Sunil K Maity
10:45 AM – 11:00 AM	ICBSEE-2022-IS-11 (ONO 15)
11:05 AM – 11:20 AM	ICBSEE-2022-IS-18 (ONO 16)
11:25 AM – 11:40 AM	ICBSEE-2022-IS-24 (ONO 17)
11:45 AM – 12:00 Noon	ICBSEE-2022-IS-28 (ONO 18)
12:05 Noon – 12:20 PM	ICBSEE-2022-IS-51 (ONO 19)
12:25 PM – 12:40 PM	ICBSEE-2022-IS-20 (ONO 32)
12:45 PM – 1:00 PM	ICBSEE-2022-IS-50 (ONO 30)
1:00 PM – 2:00 PM	Lunch Break
2:00 PM – 2:45 PM	Keynote Speaker [Prof. Ulla Lassi]
2:45 PM – 3:30 PM	Keynote Speaker [Prof. K. Pakshirajan]
Session	IV(Energy)
Chair	Prof. K. Pakshirajan Prof. Nivedita Patra Dr. Ranjit Das
3:30 PM – 3:45 PM	ICBSEE-2022-IS-22 (ONO 20)
3:50 PM – 4:05 PM	ICBSEE-2022-IS-25 (ONO 21)
4:10 PM – 4:25 PM	ICBSEE-2022-IS-27 (ONO 22)
4:30 PM – 4:45 PM	
4:50 PM – 5:05 PM	ICBSEE-2022-IS-42 (ONO 24)
5:10 PM – 5:25 PM	ICBSEE-2022-IS-43 (ONO 25)
5:30 PM – 5:45 PM	ICBSEE-2022-IS-45 (ONO 26)
5:50 PM – 6:05 PM	ICBSEE-2022-76/ER-17 (ONO 27)
6:10 PM – 6:25 PM	ICBSEE-2022-IS-52 (ONO 28)
6:30 PM – 6:45 PM	ICBSEE-2022-100/EV-48 (ONO 29)
6.50 PM – 7:05 PM	ICBSEE-2022-IS-54 (ONO 31)
7:10 PM – 7:25 PM	

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<i>Day 3: 22nd June 2022</i>	
Time	Programme
9:00 AM – 9:45 AM	Keynote Speaker [Prof. Sanjoy Ghosh]
9:45 AM – 10:30 AM	Keynote Speaker [Prof. N. K. Dhal]
10:30 AM – 10:40 AM	Tea Break
Session	V (Energy/ Online poster)
Chair	Prof. Sanjoy Ghosh Prof. N. K. Dhal Prof. Kakoli Banerjee
10:45 AM – 11:00 AM	ICBSEE-2022-IS-17 (OFO 1)
11:00 AM – 11:15 AM	ICBSEE-2022-2/ER-1 (OFO 2)
11:15 AM – 11:30 AM	ICBSEE-2022-5/ER-2 (OFO 3)
11:30 AM – 11:45 AM	ICBSEE-2022-8/ER-4 (OFO 4)
11:45 AM – 12:00 Noon	ICBSEE-2022-26/ER-6 (OFO 5)
12:00 PM – 12:15 PM	ICBSEE-2022-53/ER-13 (OFO 6)
12:20 PM – 12:25 PM	ICBSEE-2022-44/ER-10 (ONP 1)
12:27 PM – 12:32 PM	ICBSEE-2022-49/ER-11 (ONP 2)
12:34 PM – 12:39 PM	ICBSEE-2022-57/ER-14 (ONP 3)
12:41 PM – 12:46 PM	ICBSEE-2022-63/ER-15 (ONP 4)
12:48 PM – 12:53 PM	ICBSEE-2022-64/ER-16 (ONP 5)
12:55 PM – 1:00 PM	ICBSEE-2022-6/ER-3 (ONP 6)
1:02 PM – 1:07 PM	ICBSEE-2022-39/ER-8 (ONP 7)
1:09 PM – 1:14 PM	ICBSEE-2022-40/ER-9 (ONP 8)
1:16 PM – 1:21 PM	ICBSEE-2022-58/BP-16 (ONP 9)
1:23 PM – 1:28 PM	ICBSEE-2022-23/EV-10 (ONP 10)
1:30 PM – 2:30 PM	Lunch
2:30 PM – 3:15 PM	Keynote Speaker [Prof. Prosun Bhattacharya]
3:15 PM – 4:00 PM	Keynote Speaker [Prof. Piet Lens]
Session	VI (Online Poster)
Chair	Dr. Sunita Varjani Prof. Surajit Das Dr. Idris Adewale Ahmed
4:05 PM – 4:10 PM	ICBSEE-2022-32/EV-14 (ONP 11)
4:12 PM – 4:17 PM	ICBSEE-2022-38/EV-17 (ONP 12)
4:19 PM – 4:24 PM	ICBSEE-2022-41/EV-18 (ONP 13)
4:25 PM – 4:40 PM	Tea Break
4:40 PM – 4:45 PM	ICBSEE-2022-99/EV-47 (ONP 14)
4:47 PM – 4:52 PM	ICBSEE-2022-55/EV-22 (ONP 15)
4:54 PM – 4:59 PM	ICBSEE-2022-59/EV-24 (ONP 16)
5:01 PM – 5:06 PM	ICBSEE-2022-60/EV-25 (ONP 17)
5:08 PM – 5:14 PM	ICBSEE-2022-62/EV-26 (ONP 18)
5:16 PM – 5:21 PM	ICBSEE-2022-69/EV-28 (ONP 19)
5:23 PM – 5:28 PM	ICBSEE-2022-70/EV-29 (ONP 20)
5:30 PM – 5:35 PM	ICBSEE-2022-71/EV-30 (ONP 21)
5:37 PM – 5:42 PM	ICBSEE-2022-74/EV-31 (ONP 22)

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5:47 PM – 5:52 PM	ICBSEE-2022-75/EV-32 (ONP 23)
5:54 PM – 5:59 PM	ICBSEE-2022-83/EV-36 (ONP 24)
6:01 PM – 6:06 PM	ICBSEE-2022-85/EV-37 (ONP 25)
6:08 PM – 6:13 PM	ICBSEE-2022-86/EV-38 (ONP 26)
6:15 PM – 6:20 PM	ICBSEE-2022-88/EV-39 (ONP 27)
6:22 PM – 6:27 PM	ICBSEE-2022-89/EV-40 (ONP 28)
6:29 PM – 6:34 PM	ICBSEE-2022-91/EV-41 (ONP 29)
6:36 PM – 6:41 PM	ICBSEE-2022-93/EV-43 (ONP 30)

<i>Day 4: 23rd June 2022</i>	
Time	Programme
9:00 AM – 9:45 AM	Keynote Speaker [Prof. Punyasloke Badhury]
9:45 AM – 10:30 AM	Keynote Speaker [Dr. Muthumari M.]
10:30 AM – 10:40 AM	Tea Break
Session	VII (Bioprocess/ Online Poster)
Chair	Prof. Punyasloke Badhury Prof. Muthumari M. Prof. Singam Jayanthu
10:45 AM – 11:00 AM	ICBSEE-2022-IS-16 (OFO 7)
11:05 AM – 11:20 AM	ICBSEE-2022-IS-21 (OFO 8)
11:25 AM – 11:40 AM	ICBSEE-2022-IS-30 (OFO 9)
11:45 AM – 12:00 Noon	ICBSEE-2022-IS-7 (OFO 10)
12:00 Noon – 12:05 PM	ICBSEE-2022-94/EV-44 (ONP 31)
12:07 PM – 12:12 PM	ICBSEE-2022-96/EV-45 (ONP 32)
12:14 PM – 12:19 PM	ICBSEE-2022-98/EV-46 (ONP 33)
12:21 PM – 12:26 PM	ICBSEE-2022-43/EV-20 (ONP 34)
12:28 PM – 12:33 PM	ICBSEE-2022-15/EV-5 (ONP 35)
12:35 PM – 12:40 PM	ICBSEE-2022-19/EV-8 (ONP 36)
12:42 PM – 12:47 PM	ICBSEE-2022-10/OM-1 (ONP 37)
12:49 PM – 12:54 PM	ICBSEE-2022-37/BP-10 (ONP 38)
12:59 PM – 1:04 PM	ICBSEE-2022-45/BP-11 (ONP 39)
1:06 PM – 1:11 PM	ICBSEE-2022-46/BP-12 (ONP 40)
1:13 PM – 1:18 PM	ICBSEE-2022-48/BP-13 (ONP 41)
1:20 PM – 1:25 PM	ICBSEE-2022-52/BP-15 (ONP 42)
1:27 PM – 1:32 PM	ICBSEE-2022-61/BP-17 (ONP 43)
1:32 PM – 3:15 PM	Lunch
3:15 PM – 4:00 PM	Keynote Speaker [Prof. Prabhakar Sangurmath]
4:00 PM – 4:45 PM	Keynote Speaker [Prof. Eldon R. Rene]
Session	VIII (Online Poster)
Chair	Prof. Priti Talwar Prof. Ipsita Dipamitra Behera Prof. Taqi Ahmed Khan
4:45 PM – 4:55 PM	ICBSEE-2022-66/BP-18 (ONP 44)
4:57 PM – 5:02 PM	ICBSEE-2022-67/BP-19 (ONP 45)

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5:04 PM – 5:09 PM	ICBSEE-2022-7/BP-2 (ONP 46)
5:10 PM – 5:20 PM	Tea Break
5:20 PM – 5:25 PM	ICBSEE-2022-68/BP-20 (ONP 47)
5:27 PM – 5:32 PM	ICBSEE-2022-72/BP-21 (ONP 48)
5:34 PM – 5:39 PM	ICBSEE-2022-73/BP-22 (ONP 49)
5:41 PM – 5:46 PM	ICBSEE-2022-78/BP-24 (ONP 50)
5:48 PM – 5:53 PM	ICBSEE-2022-87/BP-26 (ONP 51)
5:58 PM – 6:00 PM	ICBSEE-2022-95/BP-27 (ONP 52)
6:02 PM – 6:07 PM	ICBSEE-2022-22/BP-6 (ONP 53)
6:09 PM – 6:14 PM	ICBSEE-2022-27/BP-7 (ONP 54)
6:16 PM – 6:21 PM	ICBSEE-2022-30/BP-8 (ONP 55)
6:23 PM – 6:28 PM	ICBSEE-2022-33/BP-9 (ONP 56)
6:30 PM – 6:35 PM	ICBSEE-2022-IS-41* (ONP 57)

<i>Day 5: 24th June 2022</i>	
Time	Programme
9:00 AM – 9:45 AM	Keynote Speaker [Prof. R. K. Sen]
9:45 AM – 10:30 AM	Keynote Speaker [Prof. Nour Shafik Emam El-Gendy]
10:30 AM – 10:40 AM	Tea Break
10:45 AM – 11:30 AM	Keynote Speaker [Prof. Rintu Banerjee]
Session	IX (Environment)
Chair	Prof. R. K. Sen Prof. Smaranika Pattanaik Prof. Kakoli Karar (Paul)
11:35 AM – 11:50 AM	ICBSEE-2022-IS-47 (OFO 11)
11:55 AM – 12:10 PM	ICBSEE-2022-IS-49 (OFO 12)
12:15 PM – 12:30 PM	ICBSEE-2022-IS-32(OFO 13)
12:35 PM – 12:50 PM	ICBSEE-2022-IS-53 (OFO 14)
12:55 PM – 1:10 PM	(OFO 18)
1:15 PM – 1:30 PM	(OFO 19)
1:30 PM – 2:30 PM	Lunch
Session	X
2:30 PM – 3:30 PM	Offline Poster Session (2:30 PM – 3:30 PM)
Chair	Prof. Ramanan P. Prof. Achlesh Daverey Prof. Mohd. Zafar
3:33 PM – 3:38 PM	Extra
3:40 PM – 3:45 PM	Extra
3:47 PM – 3:52 PM	Extra
3:54 PM – 3:59 PM	Extra
4:01 PM – 4:06 PM	Extra



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4:08 PM – 4:13 PM	Extra
4:15 PM – 4:20 PM	Extra
4:20 PM – 4:40 PM	Tea Break
5:00 PM – 6:00 PM	Valedictory Session
7:00 PM – 10:00 PM	Cultural event and Special Dinner

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ONO: Online Oral presentations list

Slot	Abstract ID	Presenting author	Abstract Title
ONO 1	ICBSEE-2022-IS-36	Prof. Ipsita Dipamitra Behera	A combinatorial approach of bioaugmentation and biostimulation to evaluate the performance of an indigenously developed bacterial consortium for total petroleum hydrocarbon degradation-A microcosm approach
ONO 2	ICBSEE-2022-IS-33	Prof. Mukund Lahoti	Durable infrastructure with bioconcrete: concept, tests, and utility
ONO 3	ICBSEE-2022-IS-6	Prof. Alok prasad Das	An investigation on microbial degradation of synthetic microplastic using native isolated bacterial strain
ONO 4	ICBSEE-2022-IS-5	Prof. Prasanta Kumar Rout	Geopolymeric construction materials from industrial solid waste
ONO 5	ICBSEE-2022-IS-12	Prof. Palaniyandi Ravanan	Mechanism of nano-plastic particles internalization in cellular model
ONO 6	ICBSEE-2022-IS-10	Prof. Rachna Goswami	Optimization of medium components and physical process parameters for enhanced production of glutaminase-free recombinant L-asparaginase II of Pectobacterium carotovorum MTCC 1428 in Escherichia coli BL21 (DE3)
ONO 7	ICBSEE-2022-IS-31	Dr. Anshu Priya	Valorisation of food waste by Haloferax mediterranei for the synthesis of polyhydroxyalkanoates for the production of bio-based medical textile to combat COVID-19
ONO 8	ICBSEE-2022-IS-35	Prof. Subathra Devi. C	Nattokinase production: A fibrinolytic protein from Bacillus subtilis VITMS 2 strain isolated from fermented milk of Vigna unguiculata
ONO 9	ICBSEE-2022-IS-48	Dr. Idris Adewale Ahmed	Comparative study on biological activities and chemical profiling of mushroom (pleurotus sajor-caju) cultured in lignocellulosic agro wastes
ONO 10	ICBSEE-2022-IS-40	Prof. H. N. Thatoi	Lignin degradation potential of selected manganese peroxidase (mnp) producing bacterium isolated from simlipal biosphere reserve, odisha
ONO 11	ICBSEE-2022-92/EV-42	Shelly Verma	Long-term operation performance and microbial ecology of anammox process in a sequencing batch reactor under undulating operational conditions
ONO 12	ICBSEE-2022-IS-37	Prof. Mukund Lahoti	Composition optimization of electric Arc furnace slag-fly ash blended geopolymer
ONO 13	ICBSEE-2022-IS-15	Prof. Anamika Basu	Study of biodiversity related to plant protein expansin using omics data
ONO 14	ICBSEE-2022-IS-23	Prof. Satarupa Banerjee	An in-silico analysis of molecular pathways regulated by Sesamin, a sesame processing by-product for Breast cancer therapeutics

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ONO 15	ICBSEE-2022-IS-11	Prof. Priti Talwar	Omics approach to explore novel targets of endoplasmic reticulum stress
ONO 16	ICBSEE-2022-IS-18	Prof. Anamika Basu	Overexpression of MAPK signaling pathway genes in COVID-19 patients- a transcriptomics study
ONO 17	ICBSEE-2022-IS-24	Prof. Satarupa Banerjee	A computational study to identify polyphenols in sesame seed processing by-products for breast cancer therapeutics
ONO 18	ICBSEE-2022-IS-28	Prof. Nishu Goyal	Metabolic network analysis to study biodegradation pathways in <i>Nitrosomonas europaea</i>
ONO 19	ICBSEE-2022-IS-51	Dr. Abdallah R. Ismail	Lipase Amine-Functionalized Mesoporous SBA-15 Nanobiocatalyst for sustainable Production of Biodiesel
ONO 20	ICBSEE-2022-IS-22	Prof. Pankaj Kumar Sharma	Arid/Semi-arid flora as a treasure trove of bioactives and bioenergy: The case for underutilized desert legumes towards environmental sustainability
ONO 21	ICBSEE-2022-IS-25	Prof. B.Vani	Fuel of the future
ONO 22	ICBSEE-2022-IS-27	Dr. Sunita Varjani	Municipal solid waste: a potential feedstock for biofertilizer production
ONO 23			
ONO 24	ICBSEE-2022-IS-42	Prof. Mohd. Zafar	Isolation, characterization, and feasibility analysis of algal biomass production in a fabricated laboratory scale reactor: exploitation of urban wastewater and landfill leachate
ONO 25	ICBSEE-2022-IS-43	Prof. Taqi Ahmed Khan	Synthesis and characterization of biodiesel from waste cooking oil (wco) employing different catalysts: factorial design experimentation and analysis
ONO 26	ICBSEE-2022-IS-45	Prof. Pradeep Verma	Development of single-step integrated biorefinery using synergistic action of ligno-hemicellulolytic enzymes in efficient bioconversion of rice straw
ONO 27	ICBSEE-2022-76/ER-17	Izdehar Al Lawati	Influence of conductive material on enzyme assisted biogas generation using thermophilic anaerobic digester
ONO 28	ICBSEE-2022-IS-52	Dr. Hekmat R. Madian	Statistical optimization of acid hydrolysis of Water Hyacinth after fungal pretreatment for bioethanol production
ONO 29	ICBSEE-2022-100/EV-48	Sushant Prajapati	Biomimetic Nanotechnology: A Natural Path Forward for Tumor-Selective and Tumor-Specific NIR Activable Photonanomedicines
ONO 30	ICBSEE-2022-IS-50	Prof. Chandra Sekhar Gahan	Biobleaching of petroleum refinery spent catalyst for base metal recovery: Our Journey from waste to wealth
ONO31	ICBSEE-2022-IS-54	Dr. Mohamed Hosny Mohamed	Optimization of bioethanol production from rice straw by a locally isolated yeast strain
ONO32	ICBSEE-2022-IS-20	Dr. Poulomi Sarkar	Structure and function of plant rhizomicrobiome: Implications for sustainable crop production and phytoremediation

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OFO: Offline Oral Presentations

Slot	Abstract ID	Presenting author	Abstract Title
OFO 1	ICBSEE-2022-IS-17	Prof. Sunil K. Maity	Hydrocarbon biorefinery: Production of green jet fuel via hydroxyalkylation-alkylation and hydrodeoxygenation reaction
OFO 2	ICBSEE-2022-2/ER-1	Pritam Kumar	Effect of torrefied jackfruit blending on combustion characteristics of high ash Indian coal analyzed in TGA
OFO 3	ICBSEE-2022-5/ER-2	Subhajit Aich	Effect of segun leaves and torrefied segun leaves on the combustion characteristics of a high ash Indian coal
OFO 4	ICBSEE-2022-8/ER-4	Kundan Kumar	Experimental studies of production and characterization of biodiesel derived from sunflower oil
OFO 5	ICBSEE-2022-26/ER-6	Deepak Kumar Paswan	Effect of temperature and sample size on drying behavior of Gujarat Kutch lignite in natural draft tray dryer
OFO 6	ICBSEE-2022-53/ER-13	Pritam Kumar*	Combustion characteristics of fallen tree leaves and their biochar
OFO 7	ICBSEE-2022-IS-16	Prof. Srabanti Basu	Characterization and purification of lactase and raw-starch hydrolyzing amylase from the seeds of Artocarpus heterophyllus (jack fruit)
OFO 8	ICBSEE-2022-IS-21	Prof. Smaranika Pattnaik	Chemotypes of essential oils: A review
OFO 9	ICBSEE-2022-IS-30	Dr. Ranjit Das	Degradation of bisphenol A using biogenic manganese oxides produced by an engineered Escherichia coli strain with a non-blue laccase from Bacillus sp. GZB
OFO 10	ICBSEE-2022-IS-7	Prof. Kakoli Banerjee	Value-added bakery products from seaweeds for human nutrition
OFO 11	ICBSEE-2022-IS-47	Prof. Achlesh Daverey	Sophorolipids induced phytoremediation of heavy metal contaminated soil
OFO 12	ICBSEE-2022-IS-49	Ms. Sonali Sahoo	An innovative approach for Solid mine-waste management in Ostapal Chromite Mine to ensure zero environmental pollution
OFO 13	ICBSEE-2022-IS-32	Prof. Singam Jayanthu	Net-zero issues for sustainable environment in mining industries vis-à-vis anticipated impacts and mitigation measures
OFO 14	ICBSEE-2022-IS-53	Mr. Avijit Bhunia	Application of user Innovation to Increase Water Recovery from Tailing Dam using Watershed Chemical

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ONP: Online Poster Presentations

Slot	Abstract ID	Presenting author	Abstract Title
ONP 1	ICBSEE-2022-44/ER-10	Juhi Sharma	Combinatorial metabolic engineering in <i>Saccharomyces cerevisiae</i> for high-level production of fatty acid ethyl ester
ONP 2	ICBSEE-2022-49/ER-11	Manswama Boro	Isolation and screening of cellulase producing bacteria from Rice Straw heaps collected from landscape of Sikkim
ONP 3	ICBSEE-2022-56/ER-14	Madhubanti Mukhopadhyay	Sustainable and renewable energy
ONP 4	ICBSEE-2022-63/ER-15	Shubham Choudhary	Development and research in biofuels productionable bioresources
ONP 5	ICBSEE-2022-64/ER-16	Barsha Samantray	Optimisation of pretreatment to improve the enzymatic saccharification and fermentation for bioethanol production from cotton stalks
ONP 6	ICBSEE-2022-6/ER-3	Lakshana G Nair	Exploration of microwave-assisted organosolv pretreatment for the bioconversion of LCB
ONP 7	ICBSEE-2022-39/ER-8	Soumyadeep Bhaduri	Constructed Wetland-Microbial Fuel Cell Technology for Treatment of Dairy Wastewater
ONP 8	ICBSEE-2022-40/ER-9	Subhrojyoti Ghosh	Biohythane: A potential biofuel of the future
ONP 9	ICBSEE-2022-58/BP-16	Sandesh Behera	Optimization of acid and alkali extraction of residual fermented Hybrid Napier grass using response surface methodology and its characterization
ONP 10	ICBSEE-2022-23/EV-10	Shatakshi Tiwari	Comparative assessment of biological desulphurization of Coal by Laboratory culture and native (indigenous) culture of iron and sulphur oxidising microorganisms
ONP 11	ICBSEE-2022-32/EV-14	Bushra Saba	Green Infrastructure in ecosystem provisions: Macro to Micro
ONP 12	ICBSEE-2022-38/EV-17	Rupayan Bhattacharjee	Identification and characterization of some environmentally important flavonoids as inhibitors of enzyme Tyrosine-protein-phosphatase non-receptor type-1(PTPN1)
ONP 13	ICBSEE-2022-41/EV-18	Pallavi Dandekar	Facet dependent selectivity control for the conversion of Furfural to Acetyl products on Palladium catalyst with different solvents
ONP 14	ICBSEE-2022-99/EV-47	Apeksha Pant	Advances in the treatment options for the industrial effluents containing pharmaceuticals used in COVID-19 pandemic
ONP 15	ICBSEE-2022-55/EV-22	Sawan Kumar Yadav	Antibiotic predisposition profiling of <i>E. coli</i> isolated from water sample of Upper Lake Bhopal
ONP 16	ICBSEE-2022-59/EV-24	Nilanjana Roy	Screening of phytochemicals to explore fungal chitinase inhibitor: an in-silico strategy to combat

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			mycoses
ONP 17	ICBSEE-2022-60/EV-25	Labony Goswami	Role of Bacteria in Solid Waste Management: a Sustainable Approach
ONP 18	ICBSEE-2022-62/EV-26	Anindita Dhara	Improved targeting of therapeutics by nanocarrier-based delivery in cancer immunotherapy & their future perspectives
ONP 19	ICBSEE-2022-69/EV-28	Allu Sai Gowtham	PP/Jute Fibre composites: Effect of biological route of surface treatment and content of jute on composites
ONP 20	ICBSEE-2022-70/EV-29	Chinmayee Acharya	Effective removal of hexavalent chromium from aqueous solution using coconut coir derived biochar and evaluation of its mechanism with kinetics and isotherm studies
ONP 21	ICBSEE-2022-71/EV-30	Nashath Kalangadan	Reusable and green synthesized Ag nanoparticles embedded thin films for water purification
ONP 22	ICBSEE-2022-74/EV-31	Manohar Kharatkar	The Isolation and characteristics of an Antibiotic producing bacterium collected from the soil in Bhopal region
ONP 23	ICBSEE-2022-75/EV-32	Anand Tryambakrao Tathod	Assessing the impact of vehicular emission on the Ambient air quality of Akola city during Covid-19 Pandemic
ONP 24	ICBSEE-2022-83/EV-36	Kandarpa Mahati	Importance of cyanide-resistant Alternative Oxidase Pathway during BR promoted Photosynthesis
ONP 25	ICBSEE-2022-85/EV-37	Nitish Kumar Kheti	Screening and Optimisation of Manganese Peroxidase (MnP) production by SMB5, a bacterial isolate from Similipal Biosphere Reserve, Odisha and evaluate its Millard product degradation
ONP 26	ICBSEE-2022-86/EV-38	Sovana Dutta	Optimisation of Dye decolorizing peroxidase (DyPs) activity of a bacterium (SDB1) isolated from Similipal Biosphere Reserve, Odisha, and its evaluation for decolorisation of dyes
ONP 27	ICBSEE-2022-88/EV-39	Mahadevan Iyer	Lipase Immobilized Magnetic nanocomposite for Industrial Applications
ONP 28	ICBSEE-2022-89/EV-40	Deema Mohamed Ali Okdeh	Determination of Dichlorvos pesticide residues in the groundwater of the environment surrounding Lake Al-Sin using a High Performance Liquid Chromatography (HPLC)
ONP 29	ICBSEE-2022-91/EV-41	Ragini	Evaluation of the effects of different process parameters on the biocalcification process of <i>Lysinibacillus sphaericus</i> by Taguchi method
ONP 30	ICBSEE-2022-93/EV-43	Juhi Katyal	Valorisation of dishwashing scrubber as biocarrier for the enrichment of anammox bacteria
ONP 31	ICBSEE-2022-94/EV-44	Sushree Sabinaya	Studies on ground water pollution and hydro geochemical evaluation using multivariate water quality index and potential health risk in Jajpur district Odisha, India

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ONP 32	ICBSEE-2022-96/EV-45	Deepshikha Pandey	Laccase mediated degradation of pharmaceuticals and personal care products
ONP 33	ICBSEE-2022-98/EV-46	Ambika	Laccase producing bacterial consortium from Indian Himalayan niches for biodegradation of simulated dyes wastewater
ONP 34	ICBSEE-2022-43/EV-20	Kalyanbrata Pal	Appraisal of crustacean shell derived chito-oligosaccharides as hormonal regulator of legumes: a comprehensive approach of waste valorization by expediting plant's development and stress tolerance
ONP 35	ICBSEE-2022-15/EV-5	Pooja Sankaranarayanan	Bacterial bio-flocculant production from various sources
ONP 36	ICBSEE-2022-19/EV-8	Sunanda Mishra	Molecular identification of polymer degrading bacteria from Dharmasala canal of Sukinda mining area and their application in synthetic microfiber degradation
ONP 37	ICBSEE-2022-10/OM-1	Debadarshee Das Mohapatra	Nidulans A: a Biometabolite of Micromonospora echinospora (DST4R) depicting affirmative interaction with Flagellum specific ATPase of Salmonella typhimurium
ONP 38	ICBSEE-2022-37/BP-10	Snigdharani Dash	Potential bactericidal activity of wild mango flower essential oil (WMFEO) and Vanillin
ONP 39	ICBSEE-2022-45/BP-11	Subham Rakshit	Extraction of chitosan from chitin by bacterial chitin deacetylase: process optimization and product quality assessment
ONP 40	ICBSEE-2022-47/BP-12	Dixita Chettri	Isolation, identification and optimization of the enzyme production media of cellulase producing bacteria from yak dung
ONP 41	ICBSEE-2022-48/BP-13	Muzhda Azizi	Pyrolysis of Groundnut shell for the production of activated carbon and gaseous product
ONP 42	ICBSEE-2022-52/BP-15	Monalisa Mahuri	Screening and optimization of laccase production from SSLB1 bacteria isolated from the soil samples of Similipal Biosphere Reserve, Odisha
ONP 43	ICBSEE-2022-61/BP-17	Arpita Sarangi	Optimization of xylanase production from bacterium SSX1 isolated from Similipal Biosphere Reserve, Odisha using response surface methodology
ONP 44	ICBSEE-2022-66/BP-18	Somanath Behera	Detection of heat stable toxins in post antibiotic survivors
ONP 45	ICBSEE-2022-67/BP-19	Tofek Othman	The role of local isolated bacteria in treatment of organic biomass (Cow dung) and produce biogas
ONP 46	ICBSEE-2022-7/BP-2	Shivangi Mudaliar	Lytic polysaccharide monooxygenase: A powerful tool in biofuel generation
ONP 47	ICBSEE-2022-68/BP-20	Aditya Viswanathan	PP-g-MAH/EPDM based nanocellulose films for packaging
ONP 48	ICBSEE-2022-72/BP-21	Aarcha Shanmuga Mary	Cationic polymer-based nanofibers for enhanced wound healing and infection control

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ONP 49	ICBSEE-2022-73/BP-22	Dipak Kumar Kanaujiya	Biodegradation of endocrine-disrupting phthalates by <i>Gordonia</i> sp. in a continuous stirred tank reactor integrated with indigenous tubular ceramic membrane for microfiltration and biomass recycle
ONP 50	ICBSEE-2022-78/BP-24	Gyamcho Tshering Bhutia	A validated stability studies indicating RP-HPLC method development for simultaneous determination of EGCG and curcumin in nanoformulation
ONP 51	ICBSEE-2022-87/BP-26	Surjith Ramasamy	Evaluation of different cultivation modes on lutein production by the halophilic microalgae <i>Chlorella vulgaris</i> in batch and continuous systems
ONP 52	ICBSEE-2022-95/BP-27	Navjot Kaur	Biocatalytic reduction of prochiral ketones to enantiopure alcohols by novel yeast isolates from unique biodiversity
ONP 53	ICBSEE-2022-22/BP-6	Sugandha Aachhera	An Innovative approach for enhancing zinc microbial mediated zinc recovery from zinc sulphide concentrate in a redox controlled fed-batch process
ONP 54	ICBSEE-2022-27/BP-7	Tukendra Kumar	A Computational and Experimental Electro-analysis of Different Anode Size for a Bio-electrochemical System to Improve System Efficiency
ONP 55	ICBSEE-2022-30/BP-8	Pema Lhamo	Multi-objective Statistical Optimization of Polyhydroxyalkanoates (PHAs) production by <i>Cupriavidus necator</i>
ONP 56	ICBSEE-2022-33/BP-9	Samridhi Kulshreshtha	Isolation and partial characterization of an Extra Polymeric Substance from microalgae
ONP 57	ICBSEE-2022-IS-41*	Mohit Aggarwal	Biochar production from microwave pyrolysis of polyculture microalgae: optimization of operational parameters using response surface methodology