

Japan-NER Bioeconomic Technology Cooperation Symposium 2024

through Industry-Academia under JDP Platform IITG-Gifu U. Joint Degree Symposium 2024

3rd-5th March, 2024 | Venue: Indian Institute of Technology Guwahati

Poster Presentation

Code	Name	Abstract Title
PP_01	Anamika Ghose	Laccase enzyme derived from spent mushroom waste offers innovative strategy for degrading ciprofloxacin and norfloxacin antibiotics in wastewater
PP_02	Aparajita Roy	Harvesting Bioenergy from Microbial fuel cells: Powering the future.
PP_03	Arabindu Debbarma	Haploid production and gene expression profiling under different environmental condition in black rice (<i>Oryza sativa</i>).
PP_04	Arnab Sarmah	Early Identification and Management of Musculoskeletal disorders using Biomechanical Variables.
PP_05	Ashmita Das	Production of biochar from spent mushroom substrate: optimization of process parameter using response surface morphology.
PP_06	Chetna Sharma	Effect of physical state of culture medium on in vitro germination of embryos of <i>Camellia</i> sp.
PP_07	Debaditya Gupta	Engineered biochar produced from areca nut husks using response surface methodology to optimize pyrolysis process parameters
PP_08	Pranav Deevi	Development of synbiotic cookies for enhanced gut health.
PP_09	Kamal Narayan Baruah	Formulation of Instant Functional Tea Drink Fortified with Encapsulated Catechin Extract and its Bioactivity Study
PP_10	Kuhelika Das	Coaxially Electro-Centrifugally Spun Core-Sheath Nanofibers with Tunable Drug Release Properties.
PP_11	Kirti	Comparative anion sensing investigation using ESIPT derivatives featuring unique ring expansions on the proton donor and acceptor sides.
PP_12	Mahesh Bhatt	Production of Docosaehexaenoic acid from <i>Aurantiochytrium</i> species by utilizing lignocellulosic biomass as carbon source.
PP_13	Mandavi Goswami	Effect of guar gum-chitosan composites edible coating functionalized with essential oils on the postharvest shelf life of Khasi mandarin at ambient condition.
PP_14	Manish Dalakoti	Lattice Structure For Load Bearing Orthopedic Implants.
PP_15	Paushali Mukherjee	Synergistic Synthesis and Comprehensive Characterization of Papaya Leaf Extract-Infused Functional Cookies.
PP_16	Parul Shukla	Study on enhanced biofilm-formation of PHBHHx/PLA-based films by plasma treatment.

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PP_17	Priyanka Parimi	Preparation and Characterization of Dried Rasnadi Ksheerapaka (milk) formulations using Ultrasound Assisted Extraction and Refractance Window Drying Technologies.
PP_18	Puja Kumari	2, 5-Furandicarboxylic Acid (FDCA) as a Precursor for Polyethylene Furanoate (PEF): Synthesis and Analysis.
PP_19	Rishiraj Purkayastha	Pyrolysis kinetics of petroleum sludge and char.
PP_20	Saki Sugihara	A 3D In Vitro Immunocompetent Model of Osteosarcoma.
PP_21	Sapna Kumari	Enhancing Slow Digestibility of starch in Cooked Potatoes
PP_22	Sayeree Joardar	Utilization of rice bran for myo-inositol extraction and its process optimization.
PP_23	Shaswata Hazarika	Sustainable Farm Machinery Rental Services: A Case Study in Assam, India.
PP_24	Soubani Baidya	Microwavable Food Packaging Film Made From Biodegradable Polymer Polyvinyl Alcohol (PVA).
PP_25	Subhash Pratap	Synergistic Grasp Analysis: From Sensor-Integrated Flexible 3D-Printed Data Gloves to Soft Hand Exoskeleton Design for Neuro-Rehabilitation.
PP_26	Y. Taga	The color change mechanism of <i>Lantana camara</i> .
PP_27	Zakia Farhat	Sustainable Remediation: Tea-Infused Alginate Beads for Efficient Cationic Dye Removal Through Surface Adsorption and Intraparticle Diffusion.
PP_28	Shikha Sharma	Studies on enhancing shelf-life of cut apple using polysaccharide based edible coating.
PP_29	Kumar Shanu	A Molecular Simulation Study of Barrier Properties of PLA-PBAT Blends with Cellulose Nanocrystals.

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Poster Session 1: March 03, 2024 (14:00-open for the day)

Poster Session 2: March 04, 2024 (10:30-open for the day)

	PP_01	PP_16	
Hall 3	PP_02	PP_17	Hall 2
	PP_03	PP_18	
	PP_04	PP_19	
	PP_05	PP_20	
	PP_06	PP_21	
	PP_07	PP_22	
	PP_08	PP_23	
	PP_09	PP_24	
	PP_10	PP_25	
	PP_11	PP_26	
	PP_12	PP_27	
	PP_13	PP_28	
Hall 4	PP_14	PP_29	Hall 1
	PP_15		