



Accepted Abstracts (Oral/Poster)

National Conference

on

“Science & Technology for Sustainable World”

March 14-15, 2023

Venue: Auditorium, Campus -7

Registration Time : 8:00AM

Code No.	Title
	BIOLOGICAL & MEDICAL SCIENCES
BMS -01	Olaparib Enhances the Resveratrol-Mediated Apoptosis in Breast Cancer Cells by Inhibiting the Homologous Recombination Repair Pathway Saptarshi Sinha, Subhajit Chatterjee, Subarno Paul, Biswajit Das, Somya Ranjan Dash, Chinmay Das, Chanakya Nath Kundu
BMS -02	Biotechnology for Energy Production Bandita Parida, Gyana Ranjan Rout
BMS -03	In Silico Screening and Identification of Naturally Derived Phytochemicals as Potential Inhibitors of NF-κB p65 to Promote Burn Wound Healing Saswati Pattnaik, Sunil Kumar, Chandana Mohanty
BMS -04	Assessment of Triclosan Induce Genotoxicity in Freshwater Fish Clarias Batrachus Subhashree Jagyanseni
BMS -05	Therapeutic Potential of Lichens found in Similipal Biosphere Reserve Bijayananda Sahoo, Biswajit Rath
BMS -06	Quinacrine inhibits cMET-mediated Metastasis and Angiogenesis in Breast Cancer Stem cells Biswajit Das, Chinmayee Sethy, Subhajit Chatterjee, Somya Ranjan Dash, Saptarshi Sinha, Subarno Paul, Kunal Goutam, Chanakya Nath Kundu
BMS -07	Genomic insights into the Diversity and Functional Potential of Rhizospheremicrobiota of Phragmites Stiti Prangya Dash, Madhusmita Mohapatra, and Gurdeep Rastogi
BMS -08	Environmental Drivers Affecting Phytoplankton Community Structure and Association in a Tropical Coastal lagoon Lipika Tarafdar, Madhusmita Mohapatra, Gurdeep Rastogi
BMS - 09	Diversity and Habitat Characteristics of Loaches in the Hill Streams of

	Koraput, Odisha Saswat Tripathy, Supriya Surachita and Sharat Kumar Palita
BMS -10	A Spectrum of Nodal and Extranodal Lymphoma in a Regional Cancer Centre, Odisha Debasrita Mohanty, Srianga Tilak Patnaik
BMS -11	Designing of a Novel Multi-epitope Vaccine Construct against Human Hookworm Disease Exhibiting High Antigenicity, Non-allergenicity, Strong Binding Affinity, and Wide Population Coverage Riya Roy, Soumya Ranjan Mahapatra, Jyotirmayee Dey, Namrata Misra, Mrutyunjay Suar
BMS -12	Role of Government and Non-Government Agencies for the Conservation of the Indian Horseshoe Crabs Upasana Pattanayak, Bisnu Prasad Dash, Gobinda Chandra Biswal, Jyotirmayee Pradhan, Siddhartha Pati, Sanatan Tudu, Shaik Rahimuddin
BMS -13	In Silico Approach to Understand Molecular Interaction between Multi-epitopic Regions of Klebsiella Pneumoniae Capsular Polysaccharide Protein with Human toll-like Receptor 4 Jyotirmayee Dey, Soumya Ranjan Mahapatra, Namrata Misra, Mrutyunjay Suar
BMS -14	Anti Microbial Activity of Selected Medicinal Plants against Mdr S. Aureus Payal Mallick, Sujogya Kumar Panda
BMS -15	Application of Kitchen waste compost and Vermicompost on Production of Selective Leafy Vegetables on Roof-top for Sustainable Livelihood Sabita Rani Mishra and Arun K. Rath
BMS -16	Micro Nucleus Assay in Freshwater Fish Labiorohita due to Water Quality Change in River Mahanadi Subhashri Priyadarsini
BMS -17	A Bioinformatics Study of Essential Hypothetical Genes of Plasmodium Falciparum for Identification of Potential Drug Target Rajani Kanta Mahapatra, Prajna Ritaparna, Karine Le Roch
BMS -18	Nano Formulated Resveratrol Inhibits Metastasis and Angiogenesis by Reducing Inflammatory Cytokines in Oral Cancer Cells by Targeting Tumor Associated Macrophages Rajalaxmi Pradhan, Subahjit Chatterjee, Krushna Chandra Hembram, Chinmayee Sathy, Mahitosh Mandal, Chanakya Nath Kundu
BMS -19	Structure-Based Drug Designing Towards the Identification of Potential Anti-Bacterial for Acinetobacter Baumannii By Targeting Penicillin-Binding Protein Soumya Ranjan Mahapatra, Jyotirmayee Dey, Namrata Misra, Mrutyunjay Suar
BMS -20	Analyzing the Role of Phytochemicals for Prevention of SSIs due to Biofilm Formation in Breast Cancer Patients Anwasha Kanungo, Sarbari Acharya
BMS -21	Investigations into the Medicinal Plants used by Traditional Healers in Four

	Districts Of Odisha: An Ethnobotanical And Ethnomedicinal Approach Sandeep Kumar Behera, MelakuMasreshaWoldeamanuel, Shibani Mohapatra, Soumyaranjan Senapati, Prasanta Rath , Alok Kumar Panda
BMS -22	Elucidating the Mechanism of Kaempferol against Dual Primary Cancer Based on Network Pharmacology Manaswini Patra, Bairagi C. Mallick
BMS -23	Biogenic MnO₂ NPs for Fabrication of an Electrochemical Au-Pani/MWCNT/MnO₂ NPs Composite for Bio Sensing Application Bandita Panda, Sandip Kumar Dash
BMS -24	Assessment of Cell Death in Hep G2 Cancer Cell line as a Mark of Anticancer Activity of Fungal Hydroxamate Siderophore Ashutosh Singh, Azmi khan, Sidra Parween, Amrita Srivastava
BMS -25	Genotoxic Effect of some commonly used Agrochemicals by using Fish as a Sentinel Species S N Sahoo, S P Bhunya , S .Jagyanseni and S. Priyadarshini
BMS -26	In Silico Molecular Docking and in-vitro Antimicrobial Efficacy of Naturally Occurring Phytochemicals against multi-drug-resistant Escherichia coli and Pseudomonas Aeruginosa Sweta Mohanty, Saswati Pattnaik, Sunil Kumar, Chandana Mohanty
BMS -27	Exploring Glycyrrhiza Glabra as Galactagogues Dhok Swapnali K, S. Palai, S. C. Parija, J. R. Dash, R. Patra
BMS -28	Preliminary Studies on Scrubland Bird Diversity in the campus of Central University of Odisha, Koraput, Eastern Ghats of Southern Odisha, India Gayatri Mahanta, Alok Kumar Naik, Priyanjoli Roy, Sharat Kumar Palita
BMS -29	Icthyofaunal assemblage in the Hill Streams of Undivided Koraput, Southern Odisha, India Alok Kumar Naik, Priyanjoli Roy, Ambugambu Baishnabi Dora, Sharat Kumar Palita
BMS -30	Microalgal Biotechnology: Aspects and Prospects Biswajit Rath
BMS -31	Cypermethrine induced Morphological and Behavioural Anomalies in the Tadpoles of Polypedates Maculatus (Anura: Rhacophoridae) Subhasmita Mandal, Jasmin Routand Gunanidhi Sahoo
BMS -32	Study of Mucosal Microbiota of two Eel species along Odisha coast, India Sweta Sikha Toppo, Gunanidhi Sahoo, Sujogya Kumar Panda
BMS -33	Study on the Effect of Cloacal Microflora on the Survivability of Olive Ridley Sea Turtles Rupsana Pradhan, Sujogya Kumar Panda, Gunanidhi Sahoo
BMS -34	Chitosan from Shell Waste of the Mud Crab Scylla Serrata for Possible Use as Feed Ingredient in the Diet of Animals of Aquaculture Interest Falguni Panda, Biswaranjan Paital
BMS - 35	Assessment of Triclosan induce Genotoxicity in Freshwater Fish Clarias Batrachus Subhashree Jagyanseni

BMS -36	Delivering Berbamine and 5-Fluorouracil in Cerium Oxide Nanoparticle System for Colon Cancer Therapy Sneha Shriparna Satpathy, Chandana Mohanty
BMS -37	Aristolochia indica Assisted Biosynthesis of Ag-MnO₂ Nanoparticles and their in-vitro Antimicrobial Studies against Waterborne Pathogens Archita Lenka, Ashok Pradhan, Sandip Kumar Dash
BMS -38	Antimicrobial and Antioxidant Activity of Cyanobacteria found across Odisha coast Satyabrata Dash, Shubham Pradhan and Biswajit Rath
BMS -39	Biosynthesis of Inexpensive Food Supplement from Microalgae for Elderly and ICU Patients Pritikrishna Majhi, Suraj Kumar Samal, Sudipta Maity, Manoja Das
PHYSICAL SCIENCES	
PS -01	Magnetic and Magneto dielectric investigation in 0.7(Bi₂Fe₄O₉)-0.3(La_{0.67}Sr_{0.33}MnO₃) composite Archana Rath, S. R. Mohapatra
PS -02	Temperature Dependent Conductivity Studies of KNN Modified NBT-ST Ternary Systems A. Singha, S. Praharaj, D. Rout
PS -03	Performance Analysis of Tin-based Perovskite Solar Cell with MoO₃ as the Hole Transport Layer Arpita Sahoo, Sutanu Mangal
PS -04	Enhanced Magnetic Properties of Fe Doped ZnO Dilute Magnetic Semiconductor Nanoparticles Subhashree Dash, M. Bhoi, A. Priyam, S.S. Meena, S. Kavita, B. Bhushan
PS -05	Biomass Derived Nanostructured Carbon and its Composite for Enhanced Humidity Sensing Application Dhani Soren, Gayatree Mehena, Pratap Kumar Deheri, Puspallata Patojoshi
PS -06	Thermal Stability and Lattice Anharmonicity of Thermoelectric CoSb₃ Abhipsa Mohanty, Pratap K. Deheri, Gopal K. Pradhan, Priyadarshini Parida, Dibyaranjan Rout
PS -07	Microwave application of ZnO ceramic materials in Ku-band Arpita Priyadarsini Dikshit, Dibyaranjan Das, Ritu Roumya Samal, S. K. S. Parashar
PS -08	Theoretical Investigation of Electronic And Magnetic Properties of La₂MnVO₆ Double Perovskite Oxide Aiswarya Priyambada, Priyadarshini Parida
PS -09	Microwave Shielding of Porous rGO Based Nanocomposites P. K. Samal, R. Sahoo, V. Subramanian, S. Praharaj, D. Rout,
PS -10	Examining the Effectiveness of Non-Thermal Plasma for Graffiti Removal on Objects for Conservation and Restoration R. Ghosh, R. Barik, U. Balaji, S. S. Panda

PS - 11	Electromagnetic Interference (EMI) Shielding & Microwave Absorption Properties of Bi_{0.5}Na_{0.5}TiO₃ ceramics in the X-band Dibyaranjan Das, Ritu Roumya Samal, Arpita Priyadarsini Dikshit, Kajal Parashar, SKS Parashar
PS -12	A Review on Metal Oxide Based Electrode Materials for Super Capacitors Bithika Pati, Swetapadma Praharaj, Dibyaranjan Rout
PS -13	Structural and Optical Properties of Chemically Synthesized Ni doped ZnO Dilute Magnetic Semiconductor Nanoparticles Monalisha Bhoi, Subhashree Dash, B. Bhushan
PS -14	Review on MOS Gas Sensors Sushree Padmalaya Das, SwetapadmaPraharaj, Dibyaranjan Rout
PS -15	Structural, Optical and Dielectric Study of a Rare Earth based Double Perovskite Material Lipsa Priyadarshini, L. Biswal
PS - 16	Structural, Optical and Dielectric Study of the Potassium based Double Perovskite Compound Sujata Rout, L. Biswal
PS - 17	Lattice Thermal Conductivity of Electron Beam Irradiated Individual Silicon Nano wire using Raman Thermometry Sagar Bisoyi, Roshan Padhan, Satyaprakash Sahoo, Gopal K. Pradhan
PS -18	Ground State Energy Calculation of LiH Molecule using Quantum Computation S. Dash, L. Biswal, P. K. Panigrahi
PS-19	Study on the Degradation Mechanism of Pollutants using non-thermal Atmospheric Plasma Synergized supported by Catalyst Pranita Panda, Smrutiprava Das
PS-20	Introduction to Ceramic based Electromagnetic Interference (EMI) Shielding Neha Dalui, S.K.S. Parashar
PS-21	Metal Oxide based EMI Shielding Roshni Parida, S.K.S. Parashar
PS-22	Thermal Transport and Excitonic Behaviour of 2d-Transition Metal Dichalcogenide Lateral Heterostructures Using Raman & PL Spectroscopy Jyotika Nanda, Biswajeet Nayak, Suman Chakrobarty, Purbasha Ray, Prasana K. Sahoo, Gopal K. Pradhan
PS-23	Non-thermal Plasma for Oral Cancer Applications S. K. S. Parashar
PS-24	Design and Development of Ferrite based Microwave Circulators S. K. S. Parashar
CHEMICAL SCIENCES	
CS -01	Therapeutic Potential Of Ag(I)-, Au(I)-, Au(III)-, And Ru(II)-Quinoxaline Wingtip N-Heterocyclic Carbene (NHC)Complexes Priyanka Sahu, Joydev Dinda

CS -02	Ortho C-H Bond Activation by Pyridine-2-Aldoxime in A Iridium(III) Metal Complex Madhusmita Jadab, Kahnu Charan Pradhan, Satyanarayan Pal
CS -03	Physio-Chemical Activation of Rice Straw Biomass as an Applicant for the Removal of Pollutant Methylene Blue Soumyaranjan Senapati, Jyotirmayee Giri, Prasanta Rath, Tapan Kumar Bastia, Alok Kumar Panda
CS -04	Single Step Site Selective Reaction on Organometallic Ag(I)-MOF; Synthesis, Structure And Optoelectronic Properties of Ag^I₄- and Ag^I₂-Au^I₂-MOF Pooja Das, Joydev Dinda
CS -05	Thermal Degradation of Bakelite: Kinetics and Thermodynamics Analysis Sudсна Aech, Pabitra Mohan Mahapatra, Achyut Kumar Panda
CS -06	Can derivatives of 3,5 Dinitrobenzoic Acid form Sustainable co-formers for Supramolecular Architectures? Apramita Chand
CS -07	ZIFs: A Raman Study of Temperature Induced Structural Transformation Anulipsa Priyadarshini, Jaykishon Swain, Jared Scott Kinyon, Raghavendra Samantaray, Rojalin Sahu
CS -08	Development Of Rhodamine based Chemosensors for Sensing of Cations, Anions and Biomedical Application of their Transition Metal Complexes Madhuri Hembram, Jaykishon Swain, Anulipsa Priyadarshini, Niharika Das, Rojalin Sahu
CS -09	Pharmaceutical Novel Solid forms of Milrinone with Advanced Physicochemical Properties Lopamudra Giri, Smruti Rekha Rout, Ananya Kar, Gowtham Kenguva, Rambabu Dandela
CS -10	Novel Salts of the Antiemetic Drug Domperidone: Synthesis, Characterization and Physicochemical Property Investigation Smruti Rekha Rout, Gowtham Kenguva, Lopamudra Giri, Rambabu Dandela
CS -11	A New Insight into the ZIF-67 based Triboelectric Nanogenerator for Self-Powered Robot Object Recognition Jaykishon Swain, Rojalin Sahu
CS -12	Binary to Ternary drug-drug Molecular adducts of Antihypertensive drug, Ketanserin (KTS) with Advanced Physicochemical Property Smruti Rekha Rout, Gowtham Kenguva, Lopamudra Giri, Ananya Kar, Rambabu Dandela
CS -13	Zn-based Zeolite-Imidazole Metal-Organic Framework for the Next-Generation Supercapacitor Applications Bikash Chandra Dhal, Anulipsa Priyadarshini, Rojalin Sahu, Anirudha Jena
CS -14	Removal and Recovery of Chromium by Polyaniline Natural Fibres (PANI/NF) Composite from Aqueous Medium Subrat Swain, Krishna Priyadarshini Das, Jaykishon Swain, Debashis Acharya, Rojalin Sahu

CS -15	Mo-MOF: A Novel Material for Supercapacitor Niharika Das ¹ , Anulipsa Priyadarshini ¹ , Jaykishon Swain ¹ , Subrat Swain ¹ , Bikash Dhal, Rojalin Sahu, Anirudha Jena
CS -16	Heavy Metal Absorption by Common Water Hyacinth (Pontederia Crassipes) and Greater Club Rush (Actinoscirpus Grossus): A Comparative Study Bhabani Sankar Sarangi, Sujay Kumar Singh Parashar, Shuvendu Singha, Jyoti Prakash Maity
CS -17	Mechanical and Dielectric Properties Investigation of Surface Modified Natural Fiber Reinforced Unsaturated Polyester Composite Smrutiranjana Jena, S.K.S. Parashar, Shyama Prasad Mohanty, Kajal Parashar
CS -18	Effect of Milling Time and Doping Concentration on the Structural and Optical Properties of Cr Doped ZnO Nanoceramics Harchand Tudu, Tanushree Das, Dipteerakha Das, Bikram Keshari Das
CS -19	Effect of Ca dopant on the Electrical Properties of ZnO Surekha Majhi, Bikram Keshari Das, Dipteerakha Das, Tanushree Das
CS -20	Synthesis and Characterization of Eco-Friendly Thermistor Material Dipteerakha Das, Bikram Keshari Das, Tanushree Das
CS -21	Biodiesel: A Renewable Energy Resource Nibedita Pattnayak, Bikram Keshari Das
CS -22	Chitosan from Shell Waste of the Mud Crab Scylla Serrata for Possible Use as Feed Ingredient in the Diet of Animals of Aquaculture Interest Falguni Panda, Biswaranjan Paital
CS -23	A Nobel Ultrasonically Accelerated Synthetic Method for the Synthesis of Imidazole Derivatives using a Magnetic Catalyst Kanyanjali Samal, Manas Ranjan Swain, Anita Pati
CS -24	Water Soluble Tetrapyrrodoresorcin[4]arene Cavitand and its pH Sensing Application Manas Ranjan Swain, Manini Nayak, Anita Pati
CS -25	A Facile and Sustainable Green Synthesis of Fluorescent Carbon Quantum-Dots from Indian date palm Juice for Probing their Antimicrobial Efficacy Daray Soren, Jagannath Panda, Jaykishon Swain, Anulipsa Priyadarshini, Debashis Acharya, Jasmin Swain, Soumya Ranjan Mahapatra, Yasobanta Das, Rojalin Sahu
ENVIRONMENTAL SCIENCES	
ES - 01	Application of Kitchen waste compost and Vermicompost on Production of Selective Leafy Vegetables on Roof-top for Sustainable Livelihood Sabita Rani Mishra, Arun K. Rath
ES -02	Bioremediation: An Emerging Solution for Environmental Pollution Management Tushar Kashyap
ES -03	First Report of PAHs Contamination in Estuarine and Coastal water off Chandipur, East coast of Odisha

	Subhashree Nayak, SmrutiPrajna Pradhan, Sthitaprajna Nath Sharma, Susri Nayak, Pratyusha Nayak, Lipika Patnaik
ES -04	Development of Cakes and Cookies from Composite Flour of Antioxidant rich Dioscorea bulbifera Flour and Refined Wheat Flour Sadhni Induar, Shweta Parida, Pradeep Kumar Naik
ES -05	Distribution of Epiphytic Lichens in the Maharaja Sriram Chandra Bhanja Deo University Campus, Baripada, Odisha Shubham Pradhan, Biswajit Rath
ES -06	Converging Energy and Environmental Security: An Overview for Sustainable Future Utkal Ranjan Mohanty , Prakash Ranjan Dash
ES -07	Plumage Irregularities in Aquatic Birds at Mangalajodi Area of Chilika Wetland, an Indicator of Ecological and Climatic Change Gayatri Devi, Hemanta Kumar Sahu
ES - 08	Industrial Metal Uptake and Interactive Biochemical Effects on Two Tropical Medicinal Plants Kalicharan Mandal Nabin Kumar Dhal
ES -09	Development of Bioinformatics Pipeline to Prioritize Development of Optimum Engineered Strains in Microalgae towards Sustainable Biofuel production Susrita Sahoo, Namrata Mishra, Mrutyunjay Suar
ES -10	Role of Disposable Face Masks (DFMs) on Environmental Microplastic Pollution Sunanda Mishra, Debasis Dash, Alok Prasad Das
ES -11	In Search of Sweet Home: Nest Site Selection of Jacanas in Marshland of Chilika Lagoon Tuhinansu Kar, Lipika Patnaik, R.N. Samal
ES -12	Changes in the Antioxidant Parameters of Anabas testudineus after Exposure to varying Concentrations of Lead Acetate Pratyusha Nayak, Sthitaprajna Nath Sharma, Subhashree Nayak, Smruti Prajna Pradhan, Susri Nayak, Lipika Patnaik.
ES -13	Prospective Application of Biochar on Remediation of Heavy Metals from Contaminated Water P. Palai, B.P. Sahoo, P. Parhi, T.K. Bastia , P. Rath
ES -14	Exploring Opportunities to Manufacture Edible Food and Beverages Using Domestic Bio-Waste with Particular Reference to Vegetables Peels, Fruit Skins and Herbal Stem based on Selected Literature Survey D.P.Sudhagar, Seraph Praise.J, Sushma
ES -15	Dinoflagellate Community Structure with Focus on Ceratium (Schrank) Species in Coastal Waters of Dhamra, Odisha, East Coast of India. Smruti Prajna Pradhan, Subhashree Nayak, Sthitaprajna Nath Sharma, Susri Nayak, Pratyusha Nayak, Lipika Patnaik
ES -16	Nanoparticle Fabricated Algal Biomass for Removal of Dye Pollutant from Industrial waste water

	Subhasmita Panigrahi ,Nilotpala Pradhan
ES -17	Range finding test and Impact of Antifouling Organotin Compound Tributyltin Chloride on Freshwater Bivalve <i>Lamellidens marginalis</i> Sthitaprajna Nath Sharma, Smruti Prajna Pradhan, Subhashree Nayak, Pratyusha Nayak,Susri Nayak, Nishigandha Muduli,Lipika Patnaik
ES -18	Global Warming and Climate Change Trupti Ray
ES -19	Biomass Quantification of Anaerobic Consortium during Manganese Bioleaching in a Bioreactor Tejaswini Das, N. Pradhan ,V.Aishvarya
ES -20	Bioleaching of Lithium using Different Fungal Species Laxmipriya Dash, Shivkumar Angadi, N. Pradhan
ES -21	Application of Vermifiltration Technology (VFT) in grey waste water Treatment and its Effect on Bedding Material Properties Mousumi Bagha , Aliva Patnaik
ES -22	Proximate Composition of Selected Fish Species From Koraput of Southern Odisha, India Priyanjoli Roy, Alok Kumar Naik, G. Kumari, Laxmipriya Hati, P. Sowjanya, Debashree Vally Monsoon Mishra, Sharat Kumar Palita
ES -23	Deciphering the Role of Iron Oxidizing Bacteria for Fe (III) Mineral Formation and Potential Bioremediation in Paddy Soil Subhra Satahrada , Abhipsha Mukherjee, Ritesh Patnaik
ES -24	Radiation Induced Effects on Edible Seed Chromosome during Radiation Processing and Modulation Jyoti Prakash Maity, Alok Chandra Samal, Shuvendu Singha, Anindita Chakraborty, Subhas Chandra Santra
ES -25	Source, Contamination, Fate and Health Effects Of Microplastic and Nanoplastic in the Environment Sarbanee Mahapatra, Shuvendu Singha, Prosun Bhattacharya, Jyoti Prakash Maity
ES -26	Arsenic and Fluoride Contamination in Groundwater in Odisha Tanisha Mishra , S.K.S. Parashar ^{2,3} , Jyoti Prakash Maity ¹ , Shuvendu Singha
ES -27	Plausible Consequences of Global Climate Change due to Impact of Greenhouse Gas Bhaskar Datta Chawdhuri, Sagnik Sarkar, Jyoti Prakash Maity, Sourav Shil, Shuvendu Singha
ES -28	Preparation of Aqua-regia Modified Biochar from Crop Residues and Its Application in Methylene Blue Removal from Aqueous Solution Jyotirmayee Giri ¹ , Soumyaranjan Senapati ¹ , Prasanta Rath ¹ , Tapan Kumar Bastia ^{1*} and Alok Kumar Panda ¹
ES -29	Visible Light Driven Advanced Oxidized Photocatalytic Degradation of MB Dye using TiO₂ Nanoparticles Synthesized by low cost Non-conventional Sol-gel Technique Debabandana Apta, Susanta Kumar Das, Maya Devi
ES -30	Climate Change and its Impact on Food Availability, It's Access, Utilization and Stability for Vulnerable Communities in Koraput District, Odisha Liji panda, Saurava Goswamy

ES -31	Polybrominated Diphenyl Ethers as an Emerging Pollutant in the Environment: Occurrences And Health Effects Shuvendu Singha, Nruparaj Jani, Jyoti Prakash Maity, Kajal Parashar, S. K. S. Parashar
ES -32	Determinants of Millet Consumption Behaviour: Role of Website and Social Media Usage Kharabela Rout, Priti Ranjana Sahoo, Archana Bhuyan
	AGRICULTURAL & FORESTRY SCIENCES
AFS-01	Sustainable and Green trends in using Botanical Extracts against Spoilage Bacteria in non-food products Sujogya Kumar Panda
AFS-02	Aquaponics: An Ideal System for Sustainable Production of Fish and Vegetables Ansaba V. , Pradeepkumar T.
AFS-03	Water Poverty under High Rainfall Zones of Meghalaya Lala I.P. Ray, Y. Marwein, R. Singh, B.K. Handique, P.K. Bora
AFS-04	Perceptual Analysis of the Rice cultivators towards Organic Cultivation Practices inducing Sustainability Sweta Sahoo, Ashish Anand, Smaranika Mohanty, Rajeeb Kumar Behera
AFS-05	Effect of Zinc and Boron Fertilization on the Performance of Potato (Solanum tuberosum L.) cv. Kufri Jyoti S Karubakee, Bama Shankar Rath, Manoranjan Satapathy, Ashok Mishra
AFS-06	Organic Farming: A Sustainable Farming Solution Smaranika Mohanty, Sweta Sahoo, Soumya Sakti Dash
AFS - 07	Green Good Deeds Practiced at Zoological Parks Soumya Ranjan Barad, Smitha G Nair, T L Mohanty, Hiranmayee Nayak, Madab Chandra Behera & Saswat Nayak
AFS -08	Genetic Diversity of Gut Bacterial Microbiota of Rice Borer Complex and Their In-vitro Insecticide Degradation Capabilities Subrata Goswami, S.B. Das, Annamalai M, P.C. Rath, Totan Adak
AFS-09	Long Term INM Effects in a Cereal-Vegetable-Pulse Cropping System on Phosphorus Sorption Characteristics in an Acid Inceptisol of Coastal Odisha Sabyasachi Koley, K.N. Mishra, S.K. Pattanayak, N. Panda
AFS-10	Eco-Friendly Management of Rice Crop Residue in Summer Rice Madhusmita Bal, Bhagyashree Behera, Sanat Kumar Dwivedi, Jayanta Kumar Mahalik, PrabhasitaShatapathy
AFS-11	Effect of Different Irrigation Systems with Mulching in Summer Season on Productivity of Hybrid Maize (Zea mays L.) Tarini Prasad Das, Dr. Sabyasachi Biswal, Sabyasachi Sahoo, Rutuparna Pati, Manas Mohan setha
AFS-12	An In-Depth Study of Zero Budget Natural Farming Swatee Prangya ,Dibyajyoti Behera, Soumya Sakti Dash
AFS-13	Science & Technology for Sustainable Post Harvest Management Ch. Pallavi Sri Padma, B. Tanuja Priya, V. Sailaja, Dr. K. Giridhar, V. Sudha Vani

AFS-14	Phytoremediation Potential in Medicinal and Aromatic Crops M.Sowmya , M. Kalpana , K. Giridhar, B. Tanuja Priya ,T.Vijaya Lakshmi
AFS-15	Nanotechnology in Post Harvest Management Of Fruit Crops Y. Deepthi Rachel, P. Ashok, K. Ravindra Kumar, A. Harsha Vardhan, Salomi Suneetha
AFS-16	Managing Soil Health and Quality through Organic Farming Manas Mohan Seta, Dr.Sabyasachi Biswal, Tarini Prasad Dash
AFS-17	Evaluation of Seed Quality Enhancement Through Different Priming Agents in Cowpea (<i>Vigna unguiculata</i> L. Walp) Seeds' Neeha Pradhan, R.L. Moharana, N. Ranasingh
AFS-18	Organic Nutrient Management on Productivity And Profitability of System of Millet Intensification Ragi- Toria Sequence for Sustainable Livelihood of Tribal Farmers of Odisha Subhashree Bandita, Suchismita Tripathy, Dillip Kumar Bastia, Simant Kumar Sahu
AFS-19	Effects of Integrated Nutrient Management Practices on Vegetative Growth and Flowering of China aster (<i>Callistephus chinensis</i> (L.) Nees) Jagatjyoti Pattnaik, Pragnyashree Mishra, Lilymoony Tripathy, PurandarMandal, ChinmayeePatra
AFS-20	A Comparative Study of Inositol Hexaphosphate (Phytate Acid) Adsorption Isotherm under Two Growth Medium and Role of It in Phosphorous Nutrition to Chickpea Sumana Balo, Abhijit Debnath, Arup Sen
AFS-21	Paddy Straw Incorporation in Low Land Rice: A Plausible Sustainable Approach on Growth and Yield Jewelina Swain, Rajendra Kumar Panda, Rabindra Kumar Paikray and Rabindra Kumar Nayak
AFS-22	Diatomaceous Earth: An Alternative of Chemical Pesticide to Manage Stored Grain Pests for Sustainable Future Amit Shekhar, M. Raghuraman, Ranjeet Kumar
AFS-23	Hydroponics: A Way Forward towards Sustainability Soumya Sakti Dash, Smaranika Mohanty, Sweta Sahoo
AFS-24	Effect of Nitrogen, Phosphorus Potassium Level on the Growth, Insect Pest Infestation, Weed Biomass of Mixed varieties Phlox spp. (<i>Phlox drummondii</i> L.) Susanta Kumar Choudhury, Lilymoony Tripathy, Pragyanshree Mishra, Lopamudra Biswal & Purander Mandal
AFS -25	Bud Dormancy and Its Regulation in Fruit Crops V. Srilatha , M. Madhavi , J. Omprasad , U. Shiva kumar
AFS -26	Diversity Analysis of the Nutri-cereal Finger Millet (<i>Eleusine coracana</i> (L.) Gaertn) genotypes Pratikshya Mishra, Tapash Kumar Mishra, Banshidhara Pradhan, Manasi Dash, Kailash Chandra Samal, Jyoti Prakash Sahoo, Smruti Ranjan Padhan
AFS -27	Shelf Life & Germination Improvement of Seeds through Cold Plasma Processing

	M. Mukherjee, S.P Dutta, U. Balaji, S. Pandey, K.J Sankaran, D. Lenka
AFS -28	Assessing Rice Production System using Climate Smart Index Kiran Kumar Mohapatra, A K Nayak, R K Patra, Rahul Tripathi
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