SEQUENCE OF PAPER PRESENTATIONS – ORAL AND POSTER
2nd CHHATTISGARH GREEN SUMMIT

Theme 1: Echoes of Chhattisgarh: Unveiling *Janjati* Traditions

CGGS-02/25/1.1 - Reverberations of woodland—Chhattisgarh: In sync with tribal Rhythm
CGGS-02/25/1.2 - Ritual, identity and sustainability: A sociological study of the Sarhul Festival of the Oraon tribe
CGGS-02/25/1.3 - Ethnomedicinal observation of the Birhor tribe of North East Chhattisgarh, India
CGGS-02/25/1.4 - The multifaceted role of the Kamar tribe in Ethnomedicine and Eco-friendly livelihood
CGGS-02/25/1.5 - Cultural determinants of income and livelihood: Traditional–futuristic synergies among the Abhujmadia tribe in Chhattisgarh
CGGS-02/25/1.6 - The interaction of traditional cultural practices and new social trends: A sociocultural study of the Dorla tribe in Chhattisgarh
CGGS-02/25/1.7 - The role of green marketing in eco-tourism development with special reference to Chhattisgarh
CGGS-02/25/1.8 - Eco-tourism: Unveiling the green treasures unexplored landscapes into sustainable destinations of Chhattisgarh
CGGS-02/25/1.9 - Echoes of Chhattisgarh: Traditional ecological knowledge and sustainable practices among tribes of Bastar
CGGS-02/25/1.10 - Food and Ethnomedicinal values of tuber species of the genera *Dioscorea* and *Curcuma* available in the Bastar region of Chhattisgarh
CGGS-02/25/1.11 - Eco-friendly pest management: Tribal practices of Chhattisgarh
CGGS-02/25/1.12 - Echoes of Chhattisgarh: Tribal knowledge, traditional practices and sustainable agroforestry
CGGS-02/25/1.13 - Chhattisgarh- a visionary state on the path to wild mushroom-based women livelihood and sustainable development
CGGS-02/25/1.14 - Celebrating tribal traditions and their contribution to sustainability
CGGS-02/25/1.15 - Ground reality of environment and forest conservation acts in Chhattisgarh
CGGS-02/25/1.16 - Echoes of Chhattisgarh: Celebrating tribal traditions and their contributions to sustainability, including crafts, natural resource management, and community-driven conservation efforts
CGGS-02/25/1.17 - Teas that heal: Forest flowers as natural nutraceutical infusion
CGGS-02/25/1.18 - कमार जनजाति की सांस्कृतिक एकता में नवाखाई पर्व की भूमिका: समाजशास्त्रीय अध्ययन
CGGS-02/25/1.19 - *Cordia macleodii* in Chhattisgarh Ethnobotanical landscape: A review of medicinal relevance, ecological significance, and conservation pathways
CGGS-02/25/1.20 - विशेष पिछड़ी जनजाति बैगा की परम्परा और शिल्प कला का समाजशास्त्रीय अध्ययन

CGGS-02/25/1.21 - Evaluating the echoes of Chhattisgarh initiative as a model for indigenous knowledge preservation and sustainable environmental education
CGGS-02/25/1.22 - Climate change, traditional knowledge, and NTFP's innovation: An integrated approach to strengthening tribal livelihoods
CGGS-02/25/1.23 - Ethno-Gynaecology of Gond Tribe of Kanker District of Chhattisgarh
CGGS-02/25/1.24 - *Janjati* knowledge systems for sustainable livelihoods: A sociological study of Chhattisgarh

Theme 2: Empowering Green Ventures: Start-ups, Incubation, and Income opportunities in Medicinal Plants and other sustainable sectors

CGGS-02/25/2.1 - Upcycling keratin waste: nanofiber solution for biomedical advancements
CGGS-02/25/2.2 - Beekeeping as green entrepreneurship: Strengthening rural livelihoods through pollinator conservation in the Western Himalayas
CGGS-02/25/2.3 - Development and characterization of β-sitosterol loaded NLC hydrogel for the diabetic wound healing
CGGS-02/25/2.4 - Investigation of the biological activity of combined extracts of *Calotropis gigantea* and *Madhuca longifolia*
CGGS-02/25/2.5 - Flavors of the forest: Value addition and green ventures for inclusive growth
CGGS-02/25/2.6 - Synergistic antimicrobial and antioxidant potential of *Swertia chirayita* and *Hygrophila auriculata* plant extracts
CGGS-02/25/2.7 - LC-MS unveils a triterpenoid compound in *Asparagus racemosus* root extract acting against QS proteins (RhlI, RhlR, LasI, and LasR) of *Pseudomonas aeruginosa*
CGGS-02/25/2.8 - Scaling up eco - friendly products and services
CGGS-02/25/2.9 - Eco-friendly synthesis and characterization of silver nanoparticles from citrus microcarpa leaf extract and study of their antibacterial and anticancer activities
CGGS-02/25/2.10 - Evaluation of therapeutic and biotechnological potential of *Streptomyces Species* in human welfare
CGGS-02/25/2.11 - Potential application of naturally available D-Allose against *Staphylococcus aureus* biofilm
CGGS-02/25/2.12 - Phytochemical extraction of papaya leaf inhibit THA activity of Dengu virus
CGGS-02/25/2.13 - Inhibition of biofilm formation via Quorum sensing disruption: A promising strategy against microbial persistence
CGGS-02/25/2.14 - Enzyme-catalyzed hydrogel crosslinking: A mild and biocompatible approach for biomedical applications
CGGS-02/25/2.15 - Microbial protein as a next-generation nutritional resource for global food security
CGGS-02/25/2.16 - Application of biogenic magnetic nanoparticles for biosensing of plant pathogens
CGGS-02/25/2.17 - Synthesis of silver nanoparticles in poly-vinyl alcohol thin film matrix using aloe vera leaf extract, its characterization, antimicrobial and biocompatibility studies

CGGS-02/25/2.18 - Eco-friendly silver nanoparticles from *Streptomyces rochei* as potent antimicrobial agents

CGGS-02/25/2.19 - Endophytic microbes: A promising source of eco-friendly bioactive compounds

CGGS-02/25/2.20 - Phytochemical profiling of Vitex Negundo Linn as a sustainable source of bioactive Flavonoids Vitexin and Isovetexin

CGGS-02/25/2.21 - Antibacterial activity of *Bridelia retusa* and *Urena lobata* against bacteria causing urinary tract infection

CGGS-02/25/2.22 - Acetazolamide loaded L-palmitoyl ascorbate nanostructured lipid carrier for localized treatment of Ulcerative Colitis

CGGS-02/25/2.23 - Eco-friendly calcium fortification of edible mushrooms through eggshell waste utilization

CGGS-02/25/2.24 - Hybrid nanoparticles: A multifunctional platform for advanced drug delivery and biomedical applications

CGGS-02/25/2.25 - Flavonoids-loaded nanoparticles impregnated biodegradable hydrogel: Fabrication and characterization for diabetic wound healing

CGGS-02/25/2.26 - Extraction of Harmine from plant *Tribulus Terrestris*

CGGS-02/25/2.27 - Exploration of endophytic microbes from sacred medicinal flora as potential sources of therapeutic compounds

CGGS-02/25/2.28 - Green chemistry approaches in pharmaceutical synthesis: A traditionally-futuristic path toward sustainable drug development

CGGS-02/25/2.29 - Formulation, characterization, and antimicrobial evaluation of Berberine-loaded Niosomal carriers for wound management

CGGS-02/25/2.30 - Development and characterization of bioactive-loaded patches with antioxidant potential for therapeutic applications

CGGS-02/25/2.31 - An *in-silico* design and screening strategy for identifying promising Anti-Alzheimer agents by using ADMET screening, molecular docking, and dynamics simulations

CGGS-02/25/2.32 - Redefining chemotherapy with smart nanocarriers

CGGS-02/25/2.33 - Liver Cirrhosis: Present treatments, newly developing medications, and strategic directions for the future

CGGS-02/25/3.34 - Designing, characterizing and synthesizing novel chemical moieties by alteration in Quinazoline ring and Triazole for Anti-glycation activity

CGGS-02/25/2.35 - Greening the cycle: Algal biomass as nature's nitrogen engine for soil and water

CGGS-02/25/2.36 - Investigation of silk fibroin from cocoons sourced in Bastar, Chhattisgarh as a promising antioxidant biomaterial

CGGS-02/25/2.37 - Green nanotechnology systems of Giloy for Anti-Psoriatic therapy

CGGS-02/25/2.38 - Nature-derived solutions for antifungal resistance: Hispolon targets *Candida Biofilms*

CGGS-02/25/2.39 - Modulation of oxidative stress and inflammatory molecules by plant-derived ZnONPs in CFA-induced Rheumatoid Arthritis Models

CGGS-02/25/2.40 - Therapeutic potential of GC-MS identified phytocompound from *Urena lobata L.* against Rheumatoid Arthritis

CGGS-02/25/2.41 - *Pleurotus florida*–derived waste biomass valorization for bioplastic synthesis: A circular bioeconomy approach
CGGS-02/25/2.42 - Empowering green ventures: Sustainable start-up models in medicinal plant business
CGGS-02/25/2.43 - Extraction and purification of industrial important enzyme α-amylase derived from Vigna radiata
CGGS-02/25/2.44 - Bio-functional and Phylogenetic insights into *Astraeus odoratus* from central India: A sustainable mycological resource for nutraceutical and green enterprise development
CGGS-02/25/2.45 - Gelatin-based Cryogels: A novel-natural formulation as biomedical applications for the management of vitiligo
CGGS-02/25/2.46 - Pharmacotherapeutic potential of natural bioactive nanoparticles for management of neurodegenerative disease
CGGS-02/25/2.47 - Empowering green ventures: Focusing on startups and incubation programs in medicinal plant sectors
CGGS-02/25/2.48 - Empowering green ventures: Focusing on startups and incubation programs in sectors like medicinal plants, eco-tourism, and sustainable agriculture, with discussions on income opportunities and market access
CGGS-02/25/2.49 - Creative herbal garden initiatives in educational institutions for biodiversity preservation and the development of entrepreneurial skills
CGGS-02/25/2.50 - *In-silico* designing, ADMET prediction, molecular docking and synthesis of designed benzimidazole derivatives to identify novel leads for type 2 diabetes mellitus
CGGS-02/25/2.51 - Green synthesis of Photocatalytic Zinc Oxide nanoparticles using dual plant extracts (*Andrographis paniculata* and *Moringa oleifera*): Characterization and dye degradation
CGGS-02/25/2.52 - Eco-friendly nanomedicine: Green synthesis of metallic nanoparticles for periodontal therapy
CGGS-02/25/2.53 - The gastroprotective effect of Naringenin by inhibiting oxidative and inflammatory responses of ibuprofen-induced gastric ulcers
CGGS-02/25/2.54 - Qualitative Alkaloid profiling and solvent optimization in Catharanthus roseus (Alba) using thin layer Chromatography
CGGS-02/25/2.55 - Green therapeutics: *Curcuma longa* as a sustainable strategy for managing inflammation and infection in Rhinosinusitis
CGGS-02/25/2.56 - Innovative drug delivery approaches for enhancing the therapeutic potential of herbal compounds
CGGS-02/25/2.57 - Green nanotherapeutics: Plant-derived solutions for the management of dry eye disease
CGGS-02/25/2.58 - Sustainable future through green mining
CGGS-02/25/2.59 - Indigenous Kokedama: A sustainable, long-lasting bouquets……
CGGS-02/25/2.60 - Empowering green ventures for Rheumatoid Arthritis management
CGGS-02/25/2.61 - Formulation and evaluation of a herbal cream using *Ipomoea carnea* flower extract
CGGS-02/25/2.62 - Advances in artificial pancreas systems: Intelligent automation for optimized diabetes management
CGGS-02/25/2.63 - Healing the planet: Eco-friendly enterprise development in Medicinal botany
CGGS-02/25/2.64 - Exploring *Cryptolepisbuchananii* as a sustainable source of natural Antimicrobials

CGGS-02/25/2.65 - Green solutions: Natural Antimicrobial for sustainable food safety and preservation

Theme 3: Integrating Ancient Wisdom and Modern Policies: A Green Road to Sustainable Living

CGGS-02/25/3.1 - Microbial profiling of fresh and spoiled milk products from local dairies in Rajnandgaon, Chhattisgarh: Implications for dairy safety and quality control
CGGS-02/25/3.2 - Traditional ecological knowledge (TEK) and biodiversity resilience: An integrated approach
CGGS-02/25/3.3 - Bridging tradition and innovation: Towards a sustainable future through integrated knowledge systems
CGGS-02/25/3.4 - Role of oyster mushroom as a nutritional resource for sustainable living
CGGS-02/25/3.5 - Study on earthworms as a bioindicator of soil health: An approach towards sustainable agriculture
CGGS-02/25/3.6 - Integrating traditional knowledge with scientific approaches for the identification and nutritional assessment of a cryptic edible amanita species from Chhattisgarh, India
CGGS-02/25/3.7 - Ground water resource management: A study in Raipur, C. G.
CGGS-02/25/3.8 - Traditional knowledge and sustainable resource use: Lessons from Chhattisgarh's indigenous communities
CGGS-02/25/3.9 - Stability analysis for yield and yield contributing traits of potato (*Solanum tuberosum L.*)
CGGS-02/25/3.10 - Traditional agroforestry systems of Dhamtari district: A sustainable approach to biodiversity conservation and pest management
CGGS-02/25/3.11 - Synthesis of silver nanoparticles from *Ocimum sanctum* and evaluation of its antibacterial potential
CGGS-02/25/3.12 - Progress and policy analysis of Paramparagat Krishi Vikas Yojana (PKVY) in Chhattisgarh: A pathway to sustainable organic farming
CGGS-02/25/3.13 - Integrating traditional ecological knowledge with modern soil and crop management for sustainable agriculture in central India
CGGS-02/25/3.14 - Exploration of mushroom biodiversity and sustainable cultivation practices in Surajpur district, Chhattisgarh: A pathway to rural entrepreneurship and livelihood generation
CGGS-02/25/3.15 - Reviving ancient healing through modern green nano-therapy: A biogenic metallic strategy for sustainable management of rheumatoid arthritis
CGGS-02/25/3.16 - Effect of salinity stress on the growth of radish plants
CGGS-02/25/3.17 - Sacred plants and cultural practices: A study of traditional conservation in Devbhog's tribal communities
CGGS-02/25/3.18 - Ethno-Entomotherapy of Bastar: Therapeutic potential of indigenous insect-based healing agents
CGGS-02/25/3.19 - Comparative analysis of chlorophyll dynamics and leaf morphology in young and mature leaves of selected tropical tree species

CGGS-02/25/3.20 - Role of microorganism in human health, agriculture and plant science for sustainable development
CGGS-02/25/3.21 - Role of termites in soil conservation and sustainable agriculture practice
CGGS-02/25/3.22 - Sustaining medicinal plant knowledge through local wisdom
CGGS-02/25/3.23 - Traditional organic farming in India and its role in sustainable development
CGGS-02/25/3.24 - Impact of delaying school timing on sleep pattern of adolescent students
CGGS-02/25/3.25 - Crop biodiversity enhanced sustainable intensification for building climate-smart rice production systems
CGGS-02/25/3.26 - Panchgavya Ghrit: Integrating traditional ayurvedic wisdom with modern sustainable and therapeutic applications
CGGS-02/25/3.27 - Combining native knowledge with contemporary sanitation practices: A comparative study of traditional (compost pits; cow dung flooring; ash for cleaning) vs. Contemporary sanitation practices in rural areas
CGGS-02/25/3.28 - Eco-tourism: An advanced sustainable approach – Integrating biotechnology for environmental conservation and community development in India 2025
CGGS-02/25/3.29 - Traditional healing practice and plant-derived natural medicines for the treatment of osteoporosis and other bone disorder: A comprehensive review
CGGS-02/25/3.30 -Computational insights into laccase-mediated biodegradation of endocrine-disrupting chemicals using in silico approaches
CGGS-02/25/3.31 - In-silico investigation of bioactive leads from Chhattisgarh traditional plants in tissue repair mechanism
CGGS-02/25/3.32 - Traditional Ethnozoological knowledge of tribal communities in Chhattisgarh and its role in biodiversity conservation
CGGS-02/25/3.33 - Safeguarding the environment via sustainable growth: Focusing on India
CGGS-02/25/3.34 - Sustainable Farming: Research on farmers' views and methods related to nutrient control and reducing waste
CGGS-02/25/3.35 - Green alga *Cosmarium* indicator of water quality
CGGS-02/25/3.36 - Animalmotifs intherockart of Raigarh District: Classification and Conservation
CGGS-02/25/3.37 - Platanus-Derm: A Transdermal herbal patch from Platanus orientalis for sustained pain and inflammation relief

Theme 4: Green Mining: Responsible Extraction to Carbon Offsetting

CGGS-02/25/4.1 - Removal of phenol from waste water by magnetic EDTA cross linked Cyclodextrin adsorbent
CGGS-02/25/4.2 - Green mining: A sustainable approach
CGGS-02/25/4.3 - Synthesis of biochar and alginate based eco-friendly adsorbent for removal of SDS
CGGS-02/25/4.4 - Green mining: A sustainable technique

CGGS-02/25/4.5 - Morpho-genomic characterization of *Agaricus endoxanthus* and determination of their antioxidant activity and identification of volatile compounds using GC-MS
CGGS-02/25/4.6 - Impact of mining on the livelihoods, health and indigenous culture among the tribes of Northern Chhattisgarh: With special context on deforestation due to mining
CGGS-02/25/4.7 - Study of Fungi present in Arsenic contaminated soil of Chhattisgarh
CGGS-02/25/4.8 - Dose-responsive detoxification of Cadmium and Chromium via Robust *Pseudomonas aeruginosa* Biofilms: A next-generation approach to green mining effluent management
CGGS-02/25/4.9 - Where mining meets sustainability: The Noamundi experience
CGGS-02/25/4.10 - Impact of mining-induced environmental stress on Phytochemical profiles and Antioxidant potential of *Phyllanthus niruri*
CGGS-02/25/4.11 - The impact of water conservation techniques in Indian agriculture
CGGS-02/25/4.12 - Estimation of bacterial strain on the mining area of Malanjkhand district of Balaghat (Madhya Pradesh)
CGGS-02/25/4.13 - Spirulina: Portable oxygen generator and protein hub for 21st centuries life along with carbon dioxide fixation
CGGS-02/25/4.14 - Agricultural wastes as a source of biochar, a prominent solution for the toxicity removal
CGGS-02/25/4.15 - Mining of antimicrobial peptide from medicinal plant to combat molecular drug resistance

Theme 5: Greening the Future: Pioneering Green Economy and Technology for Sustainable Growth

CGGS-02/25/5.1 - Financing the green future: Impact-driven investments for sustainable growth
CGGS 02/25/5.2 - A techno-economic review of clean hydrogen production: Comparing green and bio-energy pathways for the global energy transition
CGGS-02/25/5.3 - Laboratory techniques for isolating and characterizing plastic-degrading Fungi
CGGS-02/25/5.4 - Harnessing Fungi for eco-friendly bioplastics: From isolation to characterization
CGGS-02/25/5.5 - Green technology: An innovative tool to save our nation
CGGS-02/25/5.6 - Optimization of Xylan and Xylanase production from aquatic weeds to explore their potential for Xylo-Oligosaccharide production
CGGS-02/25/5.7 - Biomanufacturing of gamma-aminobutyric acid production by *Lactobacillus strains* using agro-residues: A comparative study
CGGS-02/25/5.8 - Eco-friendly fluoride bioremediation using fungal biosorbents: A sustainable approach for environmental restoration in Chhattisgarh
CGGS-02/25/5.9 - Machine learning-based forecasting of minor millet yield under climate stress to support green livelihoods in tribal regions of Chhattisgarh
CGGS-02/25/5.10 - Hydroponics as a sustainable approach for green farming in modern era
CGGS-02/25/5.11 - A brief review on production of cellulase enzyme by Fungi using various agricultural waste

CGGS-02/25/5.12 - Heavy metal uptake by Bermuda Grass (*Cynodon dactylon*) in soil versus Hydroponic systems: A comparative review

CGGS-02/25/5.13 - Micropropagation: An essential technique in modern agriculture and plant conservation

CGGS-02/25/5.14 - Phosphate-solubilizing Fungi: Sustainable biofertilizers for enhanced crop productivity and soil fertility

CGGS-02/25/5.15 - Eco-friendly Nanoemulsion systems of bay leaf essential oil: Preparation, characterization and biological assessment

CGGS-02/25/5.16 - Isolation of a hydrogen producing microbe and optimization of physico-chemical parameters for improved hydrogen production

CGGS-02/25/5.17 - Circular economic growth of Chhattisgarh with innovation in green technology

CGGS-02/25/5.18 - Hydropriming of seeds to alleviate salinity stress in rice

CGGS-02/25/5.19 - Nano-urea and nitric oxide: A synergistic approach for mitigating Arsenite (AsIII) stress in rice

CGGS-02/25/5.20 - Endophytes and their role in mitigating heavy metal stress in plants

CGGS-02/25/5.21 - A sustainable self-draining aquarium system for laboratory fish: An alternative for energy efficient, passive water management system and fish welfare

CGGS-02/25/5.22 - Sustainable drug delivery: Harnessing biodegradable polymers for a greener future

CGGS-02/25/5.23 - Municipal sewage: An opportunity for energy from dirty liquid

CGGS-02/25/5.24 - Synthesis of biomaterial-based biocompatible nanofibers for tissue engineering and applications

CGGS-02/25/5.25 - Eco-friendly magnetic nanoparticles for wastewater treatment: A study on methylene blue dye removal

CGGS-02/25/5.26 - Restitution of hormonal balance to revitalize germination of accelerated aged *Cajanus cajan* seeds using green nano-invigoration technique

CGGS-02/25/5.27 - Co-application of PGPR biofertilizer and nano particles to improve plant growth: A step ahead sustainable agriculture

CGGS-02/25/5.28 - Traditional biochar into EcoChar: “Transforming agricultural waste into a microbial biofertilizer for sustainable farming”

CGGS-02/25/5.29 - Sustainable entrepreneurship in Medicinal plants: Opportunities for startups in the herbal market

CGGS-02/25/5.30 - Eco-friendly Nanoemulsion systems: HLB-driven optimization for essential oil encapsulation

CGGS-02/25/5.31 - Nanoparticle extraction from weed (*Parthenium Hysterophorus*) and its application against bacterium isolated from sewage treatment plant

CGGS-02/25/5.32 - Flocculation-assisted biosorption by Microalgae for sustainable heavy metal remediation

CGGS-02/25/5.33 - Greening the future: Nature-based solution for river restoration, afforestation, and protection of fragile ecosystems, highlighted vital components for restoring environmental balance

CGGS-02/25/5.34 - Optimization of lipid production in a halotolerant, oleaginous microalga *Dunaliellasalina* under varying light intensities

CGGS-02/25/5.35 - Successful implementation of FTWs in Indian rivers, lakes and their impact on water quality

CGGS-02/25/5.36 - Assessment of anthropogenic influence on plankton diversity and water quality parameters of semi-urban ponds in Raipur city, Chhattisgarh

CGGS-02/25/5.37 - Transdermal Nanogel systems: An underexplored avenue in modern therapeutics

CGGS-02/25/5.38 - Green products from water hyacinth: Waste to wealth initiatives

CGGS-02/25/5.39 - Greening the future: Showcasing advancements in green economy and technology, such as renewable energy innovations, circular economy models, and eco-friendly urban planning

CGGS-02/25/5.40 - Role of plant growth promoting Rhizobacteria in drought tolerance

CGGS-02/25/5.41 - Isolation and screening bacterial laccase producers

CGGS-02/25/5.42 - Biochemical composition and toxicity profile of house spider venom

CGGS-02/25/5.43 - Utilization of plant species for environmental pollution mitigation

CGGS-02/25/5.44 - Assessment of paraquat exposure as a potential risk factor for chronic kidney disease of unknown etiology in agricultural farmers

CGGS-02/25/5.45 - Development of a plant nursery growing system based on used plastic packets

CGGS-02/25/5.46 - Groundwater quality in the vicinity of dumping sites of Chh.Sambhajinagar

CGGS-02/25/5.47 - Green synthesis approach using curcumin as a multifunctional agent against Alzheimer's pathophysiology

CGGS-02/25/5.48 - Microalgae biorefinery on fruits and vegetable peel waste to produce biofuel, lutein, and biochar supporting circular bioeconomy

CGGS-02/25/5.49 - Fabrication and characterization of zinc oxide nanoparticle from *Gordonia* SPP. isolated from forest soil: A Nanotechnological approach

CGGS-02/25/5.50 - Biocompatible Cerium oxide nanoparticles for infectious disease detection

CGGS-02/25/5.51 - Fungi as future green technology: From biodegradable materials to waste decomposition

CGGS-02/25/5.52 - Replication stress at the onset of Cancer: An early origin of genomic instability

CGGS-02/25/5.53 - Advancing drug delivery research: sustainable strategies for innovation

CGGS-02/25/5.54 - Harnessing nanotechnology: Essential oil Nanoformulations for safe and sustainable food preservation

CGGS-02/25/5.55 - Green energy solution through PANI-grafted Boron-doped carbon (BC@PANI): A high-performance supercapacitor

CGGS-02/25/5.56 - Enhanced charge storage in Cu-MOF derived Carbon@PANI Nano-hybrid: A sustainable electrode for green energy storage devices

CGGS-02/25/5.57 - Green power storage system using Nitrogen-doped Carbon/Polyaniline Nano-hybrid electrodes for supercapacitors

CGGS-02/25/5.58 - Nitrogen-doped carbon coated $NiCo_2O_4$ Nanoflower on Ni foam electrode as a freestanding high-performance supercapacitor for green energy storage

CGGS-02/25/5.59 - Green and sustainable energy storage device as binder-free electrode material consist of $NiCo_2O_4$ Nitrogen dopped carbon on nickel foam as high performance supercapacitor

Theme 6: Sustainable Industries: Pioneering Green Tech in Steel, Cement, and Textiles

CGGS-02/25/6.1 - Advancing green steel production: Integration of hydrogen-based direct reduction and carbon capture in low-carbon metallurgy
CGGS-02/25/6.2 - Optimization and scale-up strategies for cellulase enzyme production from agricultural residues
CGGS-02/25/6.3 - Green technologies for industrial transformation: Pathways to sustainable manufacturing
CGGS-02/25/6.4 - Sustainable building materials and green construction technologies
CGGS-02/25/6.5 - Environmental stewardship through green materials and industrial efficiency
CGGS-02/25/6.6 - Life cycle assessment (LCA) of construction materials for sustainable infrastructure
CGGS-02/25/6.7 - Green concrete: Innovations in low-carbon cement and alternative binders
CGGS-02/25/6.8 - Green cement technologies: Sustainable practices and alternative binding materials
CGGS-02/25/6.9 - Utilization of industrial waste in construction materials
CGGS-02/25/6.10 - Sustainable industrial revolution: Green approaches in core sectors
CGGS-02/25/6.11 - Sustainable production of mineral-fortified *Calocybe* indica using agro-waste substrates
CGGS-02/25/6.12 - Bio-composites for self-healing concrete: A sustainable approach to structural intelligence
CGGS-02/25/6.13 - Anti-microbial, enzymatic and cytotoxic potentiality of two variants of *Butea monosperma*
CGGS-02/25/6.14 - Biodegradable Albumin nanocarrier for targeted antiviral therapy
CGGS-02/25/6.15 - Isolation and identification of novel cellulase-producing bacteria from banana pseudostem
CGGS-02/25/6.16 - Biosorption of heavy metals using fungal biosorbents
CGGS-02/25/6.17 - Strategic CSR for sustainable rural development: A study of cement companies in Balodabazar, Chhattisgarh
CGGS-02/25/6.18 - Decarbonising the steel sector: Assessing sustainable practices and low emission production