JSS STU Doctoral Research Conference in Engineering, Technology and Sciences (DRC-2025)

7th – 8th February 2025

Technical Programme Schedule - POSTER

Date: 8th Feb 2025 | Time: 11.15 AM – 1.00 PM

Venue: CS/IS Block

Sl. No	Title of the Paper	Name of the Presenter
1	Statistical optimization for enhanced sporulation of probiotic Bacillus coagulans BC LOG12 in a shorter fermentation time	Irfanulla Sharieff
2	Screening of Microbiota with Antimicrobial Potential from Ore Samples	Shayista H
3	Preliminary investigation about the use of Municipal Solid Waste Landfill as fine aggregate replacement in concrete	Arya R Nair
4	Optimizing Workability in Engineered Cementations Composites.	S M Rashmi
5	Seismic deign considerations for overhead water tanks: Analyzing dynamic responses and hydrodynamic Effects	Vikram m b
6	A Study on Achieving CMMI - Level 5 Rating: A Strategic Milestone With Reference IT Companies	Mr. Asutosh Mishra
7	Exploring Engagement Dynamics: Personal and Organizational Factors in Hybrid Work Environments	SHUBHASHREE G
8	IMPACT OF WORK-LIFE BALANCE ON IT EMPLOYEE WELLBEING	Chaya J Swamy

9	A Study on the Artificial Intelligence Intervention in Recruitment Process	Mrs. Maheshwari B.P
10	Influence Of Non-Conventional Medium of Advertising on Youth Purchasing Behaviour: Instagram	Shushma H L
11	Synthesis and Anticancer Potential of 6-bromopyridine-2-carboxaldehyde contained Schiff Base and its metal Complexes	Chethana. M. H
12	Synthesis, Characterization And Larvicidal Activity Of Schiff Base Ligand 5-(((5-mercapto-1,3,4-thiadiazole-2-yl)imino)methyl)-2-methoxyphenol And Its Metal(II) Complexes	Deepika P
13	Next Generation Polymer ic Materials for Roofing Underlayments: Improving Durability in Extreme Conditions A Review	Tejas M P
14	The taxonomy of graphite nanoplatelets and the influence of nanocomposite processing.	--
15	Efficient Fluid Dynamics Modeling For Tesla Turbines: Insights Into Velocity, Torque, And Power Generation	S Puneeth
16	Review of Mechanical Properties and Failure Mechanisms in Hybrid Fabric Reinforced Composites: Nanoparticle Reinforcement and Testing Approaches	Rajesh Murali

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Sl. No	Title of the Paper	Name of the Presenter
1	Intelligent System for Translating Text and Audio into Indian Sign Language Gestures	Malapriya
2	Generating Intracranial Haemorrhage CT scan images using GAN and VAE Frameworks	Huda Mirza Saifuddin
3	AI-Driven Classification of Anxiety and Depression: A Comparative Analysis of Machine Learning Models	Raksha R
4	A Logistic-based Machine Learning model to explore the Interplay between BMI, Family History and Lifestyle Factors with Chronic Kidney Disease in Type2 Diabetic Patients	Reena Mol V U
5	Medical Image Synthesis Using Variational Autoencoder and Generative Adversarial Networks (VAE+GAN)	Madhushree B
6	Survey on Deep Learning Techniques for Automated Tumor Segmentation and Classification in Whole-Body PET/CT Imaging	Shurthi N
7	A review on feature extraction and classification techniques for stuttering dysfluency analysis	Swetha M R
8	A Comprehensive Study of Understanding the Dynamics of Cyber Grooming Through Behavioral Analysis	Vinooth P
9	Neuroimaging in Parkinson's Disease: Insights into Pathophysiology, Diagnosis, and Therapeutic Innovations	Anusha M U
10	Synthesis of Reduced Graphene Oxide (RGO) using Modified Hummers Method for Energy Storage Applications.	Eshwari A Madappa
11	A Comprehensive Review of Routing Protocols for Underwater Sensor Networks – Challenges and Future Research	Vinay Prasad M S
12	Integrating Raga Therapy and Non-Linear Computational Models: A Novel Approach to Neuronal Healing and Mental Well-being	Rohith M N
13	A Systematic Review of Ransomware Protection through Comprehensive Analysis for Effective Detection	Spandana Shashikumar
14	Survey on Intelligent IoT Connectivity and Deep Learning Integration for 6G Smart Networks	Chandrashekar B N