

Schedule of Presentations

Track A: (Non-IT Branches)			
Track 1: Sustainable Infrastructure and Earth Sciences			
Track 3: Green Manufacturing, Technology and Management			
Day 1, 29th August 2024, Thursday			
3:15 pm to 5:15 pm			
Sl. No.	Paper Id	Title of the Paper	Name of the author(s)
1.	SSET1_001	Parametric Assessment of Soil Nailing on Deep Excavation	Roopa Kamadinni , Dr P. G. Rakaraddi
2.	SSET1_002	A Study on Geotechnical and Agricultural Properties of Sediment Deposited In TB Dam	Srinidhi Patwari , Mounesh, Ravichandra H, Dr. Adarsh S. Chatra
3.	SSET1_003A	Formulation of Herbal Cleanser for Fruits and vegetables	Sharada S. B, Arshiya A. Malagi, Akshata Bashetty, Bhuvaneshwari Patil, Md. Soheb Budihal
4.	SSET1_003B	Application of Trenchless Technology in Urban Areas	Gouri Ajay Mhetar, Avinash Angadi Dr. Adarsh S. Chatra, Sakshi Kore, Yash Arora
5.	SSET1_005A	Enhancement of Nutrients in Wheat (Triticum Aestivum) Grass by Hydroponic Technique	Dr. Preeti S. Kumarmath, Priyanka B.Gulalakai, Nishabegum, Tanishka A. Joshi, Rakshita R. Chitragar
6.	SSET1_005B	Performance of Low-Density Foamed Concrete (LDFC) Integrated with Industrial and Agricultural Nano Wastes for Sustainable Development	Prof. Vinodkrishna M. Savadi, Dr. Santosh M. Murnal
7.	SSET1_006A	Swietenia Mahagony Seed Extract Coated Starch Based Biodegradable Plastic for Antimicrobial Food Packaging	Sankalp Patil, Jayachandra S. Yaradoddi, Bharati S. Meti
8.	SSET1_006B	Performance Analysis of Ultra-high Performance Concrete using Locally Available Materials	Nagaraj Chawadapur, Shankar H. Sanni, Shreevijay Chickka desai, Reshma M. Nadaf
9.	SSET1_007A	NDWI Analysis for Monitoring Water Resources of Bagalkote City Planning Using Remote Sensing and GIS	Dr Veena S. Soraganvi and Manju Kumar P.
10.	SSET1_007B	Isolation and Evaluation of Antidiabetic Property of Punicalagin Extracted from Promogranate Peel	Pooja Basavaraj Naik
11.	SSET1_019	Statistical Optimization of Immobilization Process to Enhance the Lipase Activity.	Shilpa K. Jigajinni and Dr. Bharati S. Meti, Shruti P. Bangennavar, Shrinidhi Y. Kirsur, Sankalp Patil and Shreya Basutkar

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Track A: (Non-IT Branches)			
Track 1: Sustainable Infrastructure and Earth Sciences			
Track 3: Green Manufacturing, Technology and Management			
Day 2, 30th August 2024, Friday			
10:00 am to 1:00 pm			
Sl. No.	Paper Id	Title of the Paper	Name of the author(s)
1.	SSET1_008A	Green synthesis of Copper Nanoparticles using Ficus Carica	Preeti S. Kumarmath, Jayashri G. Ghantimath, Aishwarya Krishna Hasalakar, Mahalakshmi K.
2.	SSET1_008B	Delineation of Ground Water Recharge Zones in Hirehalla Sub Watershed Using Geographical Information Systems.	Gururaj Bandihal, Dr. Veena S. Soraganvi
3.	SSET1_009A	Anti Microbial Analysis for Fabrics	Sneha Pattar
4.	SSET1_009B	Mapping Potential Evapotranspiration using Optimal Empirical Techniques	Shashank C. Bangi and Veena S. Soraganvi
5.	SSET1_010	Wastewater Treatment and Sustainable Bio-Energy Generation Using Microbial Fuel Cell (MFC)	Shainaj L Naykodi, Dr. Jayalatha N. A., Dr. G. B. Megeri
6.	SSET1_011	Sustainable Wastewater Management with Native Plant Reed Beds	Roopa, G. B. Megeri and Jayalatha N. A.
7.	SSET1_012	Development of Bio-Derived Antimicrobial, Nanocomposite for Packaging	Sana Iddalagi, Kalpana Lamani, Jayachandra S. Yaradoddi, Chetan D. M., and G.B. Megeri
8.	SSET1_013	Sustainable Waste Management Solutions for Bhagavati Village, Bagalkote	Veena S. Soraganvi, Jayalatha N. A, Omprakash Gurudev Holi, Veereshgouda Halemani, Swaroopa, Veena Biradar
9.	SSET1_014	Removal of Heavy Metals from Wastewater by Bioremediation Method using Microalgae	B. R. Hiremath, Madhumala Y, Gurushanth J., Arundhati S., Kaveri R., Amruta G.
10.	SSET1_015	Studies on Energy Efficient Design of Building for Warm and Humid Climate Zone in India	Vikram Meti, Santhosh Malkapur
11.	SSET1_016	Dairy industry Effluent Treatment by Removal of COD by Electrocoagulation Method using Aluminum and Graphite Electrodes	Chandrakant S. Watawati, C.B. Shivayogimath
12.	SSET1_018	Influence of Quarry Dust and	Dr. Mahantesh M.

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		Demolished Soil on Strength Properties Including Compressive Stress-Strain Behavior of Rammed Earth	Hanamasagar and Aravind M. Pattanashetti
13.	SSET1_019	MHD Casson Nanofluid with Non-uniform Heat Source/Sink and Viscous Dissipation Effects	Anand H Agadi, Ishwar Maharudrappa, Jagadish V Tawade, Sheetal Kondhalkar-Sobale
14.	SSET1_020	Enhancement of Sustainability from Concept to Completion by Project Implementation Team: A Review of Green Residential Building Construction Project	S. T. Ramesha and Dr. Vijaya Kumar H. A.
15.	SSET3_002	Experimental Investigations of Engine Characteristics on a Variable Compression Ratio (VCR) Engine using Sugarcane Bioethanol	Shrikant Bhutaleppa Kuchanur
16.	SSET3_003	Effect of Nano Particles as an Additive on Properties of Biofuels	Shiva Kumar

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Track A: (Non-IT Branches)			
Track 1: Sustainable Infrastructure and Earth Sciences			
Track 3: Green Manufacturing, Technology and Management			
Day 2, 30th August 2024, Friday			
Day 2, 2:00 pm to 4:30 pm			
Sl. No.	Paper Id	Title of the Paper	Name of the author(s)
1.	SSET3_004	Analyzing Critical Inventory Management Factors in Indian MSMEs using DEMATEL Technique	Mahesh Ratnappa Latte, Dr. Channappa M. Javalagi
2.	SSET3_005	A Study on Impact of Micro Finance on Self Help Groups (SHG's)	Prof. Vaibhav Deshpande and Dr. Rashmi R. Hunnur
3.	SSET3_006	An Empirical Investigation into User Preferences: A Comparative Analysis of Netflix and Amazon Prime OTT Platforms with Emphasis on User Familiarity and Preference	Amit Shindhe, Dr. Rasmi R. Hunnur
4.	SSET3_007	Economic Volatility in the Wake of the Russia-Ukraine War: Analyzing Macro Economic Trends and Market Dynamics	Mr. Arvind Kasat and Dr. Vijay Joshi
5.	SSET3_008	Factors Influencing Grievance Management and Employee Engagement in the Workplace: A Case study of cement industry	Gayatri Nadagoudar, Brijmohan A. Vyas
6.	SSET3_011	Understanding Measurement System, Determining And Analyzing Measurement Variations	Mr. Anupkumar A. Desai, Dr. S. Vidyashankar, Dr. S. M. Jigajinni
7.	SSET3_012A	Trajectory Analysis of Robot Arm for Obstacle Avoidance	Dr. Vinay V. Kuppast and Dr. Devanand D. Chillal
8.	SSET3_012B	Solar Powered Birds And Animals Scarer	Mahantesh C. Goudar
9.	SSET3_014	Comparative Analysis of Wear Performance of Ti6AL4V Alloy Produced through Additive Manufacturing and Conventional Casting with Post-Processing Approaches: A review	R. M. Handi, R. V. Kurahatti, D. M. Goudar
10.	SSET3_015	Effect of Carbon Fiber Composition on Mechanical And Wear Properties of Hybrid Polymer Composite	K. H. Pulikeshi, R. V. Kurahatti, Dayanand M. Goudar
11.	SSET3_017	Digital Transformation in Foundries: Harnessing IoT for Smart Industry 4.0	Mahesh A.Kori, Anand N. Sonnad, Shrivankumar B. Kerur, Sharada M. K.

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12.	SSET3_018	Renewable Energy Solutions for Sustainable Agriculture: Case Study on Solar Dryer Applications	Rajat Acharya, Channappa M. Javalagi
13.	SSET3_019	IoT based System for Prevention of Accidents on Pedestrian Bridges	Abhay S. Pharsiyawar and Shreeshail M. Pharsiyawar

Schedule of Presentations

Track B: (IT and Circuit Branches)			
Track 2: Electrical, Communication and Networking			
Track 4: Intelligent Computing Systems			
Day 1, 29th August 2024, Thursday			
3:15 pm to 5:15 pm			
Sl. No.	Paper Id	Title of the Paper	Name of the author(s)
1.	SSET2_001	Performance Analysis of Inter-satellite Optical Wireless Communication	Prof. Vineeth Palliyembil, Omkar A, Anudeep d, Shreevatsa Kulkarni,
2.	SSET2_002	Edge Computing Based Smart Health Care System	Sadashiv Badiger, Chayalakshmi C. L., Mahabaleshwar S. K., Rajani S. Pujar
3.	SSET2_003	Review of Structural Health Monitoring Methods: A Machine Learning Approach	Rashmi M. Kittali, Ashok V. Sutagundar
4.	SSET2_005	Aggregation Based on Clustered Data (ABCD) with Edge Computing	Achyut Yaragal , Kirankumar Bendigeri , M. N. Deshmukh , S. B. Kumbalavati and J. D. Mallapur
5.	SSET2_007	Towards 6G An Overview of Next Generation Communication	Mallikarjun Dheshmuk, S. B. Kumbalavati, Achyut Yaragal, Kirankumar Y. Bendigeri, Jayashree D. Mallapur
6.	SSET2_008	IoT Enabled Infant Incubator for Healthcare Centers	Sharanappa P. H., Basavaraj M. Angadi, Sudha K. S., Mahabaleshwar S. Kakkasageri
7.	SSET2_009	Challenges and Future Prospects of Thin Film Deposition Techniques: A Critical Review	Vinay Shettar
8.	SSET2_010	Combined Effect of Noise Reduction and Multiband Frequency Compression for Improving Speech Perception in Monaural Hearing Aids on Source Localization	Prof. Jyoti M. Katagi, Dr. Pandurangarao N. Kulkarni
9.	SSET2_011	Hybrid SegAN Fuzzy–Unet and DKN classification for crop field change detection using satellite images	Ms. Mulik Madhuri Balasaheb , Dr. Kulkarni P. N., Dr. V. Jayshree
10.	SSET2_012	Multilingual Regional Speech Classification Using Recurrent Neural Networks	Sunilkumar M. Hattaraki, Shankarayya G. Kambalimath, Ranjeeta Kumbar, Sushma M. Aloor Ranjeeta Patil, Ramya Vajjaramatti
11.	SSET2_013	Integrating Block chain in EV	Preetam Kanal, Akshata Dhagade,

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		Charging Systems for Secure and Efficient Infrastructure	Bhagyashree Belagali, Darini Budihal, Rajani S. Pujar
12.	SSET2_014	Speech Intelligibility Enhancement based on Spectral Splitting Technique	Aparna Chilakawad, Pandurangarao N. Kulkarni
13.	SSET2_015	UV-C based plate sterilizer	Dr. Vijaylakshmi S. J., Suhas. R. Hatti, Abhishek C. Arahunasi
14.	SSET2_016	RFID based Smart Shopping Trolley	Vedant M. Vanaki
15.	SSET2_017	A Comprehensive Review of Resource Management Techniques in Edge Computing	Shrishail N. Chamatagoudar, Rajani S. Pujar, Mahabaleshwar s. K., Chayalakshmi C. L.

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Track B: (IT and Circuit Branches)			
Track 2: Electrical, Communication and Networking			
Track 4: Intelligent Computing Systems			
Day 2, 30th August 2024, Friday			
10:00 am to 1:00 pm			
Sl. No.	Paper Id	Title of the Paper	Name of the author(s)
1.	SSET2_018	IoT Based Pollution Monitoring and Controlling System	Sarojini B. K., Suhas Hatti
2.	SSET2_019	Data Management in Edge Computing: Opportunities and Challenges	Piyusha Shetgar, Chayalakshmi C.L., Mahabaleshwar S. K., Rajani Pujar
3.	SSET2_020	Anti-Sinking Airbag and Indicating System for Vehicle during Flood	Dr. Krishnamurthy Bhat, Dr. Chayalakshmi C. L.
4.	SSET2_023	Designing the Arduino based Nutrition Feeding Hydroponic System	Niveditha Shahapur, Allamprabhu V. Kolaki, Sapna Lalaki
5.	SSET2_025	Design and Implementation of Multi Prime Mover Coupled Novel Water Pump for Small Scale Irrigation Requirements	Vijaykumar Purutageri, Tejashwini Bagewadi, Basanagouda Ronad
6.	SSET2_027	Development and Performance Testing of Automatic Seed Sowing Agri Robot	Hamjadali A. Umachagi, Prashant Kadi, Vinayak Sharma, Saniya M. Patel, Dr. Basanagouda F. Ronad, Pavankumar Kulkarni
7.	SSET2_028	Design and Modeling of Droop Control for Small Wind Turbine Generator in μ Grid	Megha Sunkad, Prema, Ravindranath, Rubinabegum H. Yadahalli, Sangamesh Y. Goudappanavar
8.	SSET2_030	LoRa based Smart Energy meter for Theft Detection	Dr. Chayalakshmi C. L., Nagaprasad H., Sagar N. Odunavar, Akash , Deepa S. Patil
9.	SSET2_031	Smart Home Automation Using IoT	Dr. Chayalakshmi C. L.
10.	SSET2_032	Development of PD-PWM Technique for 5-Level Cascaded H-Bridge Inverter using FPGA for SPV Systems	Basavaraju S. Hadapad, Raghuram L. Naik, Amrutha H. D., Asha Chougula, Kailash and Madhu D.
11.	SSET4_002	Machine Learning Approaches for Data Storage in IoT: A Review	Supriya B. Harlapur, Mahabaleshwar S. Kakkasageri
12.	SSET4_003	Integrating YOLO and GAN for Robust Signature Detection and	Thejashwini B. L., Dr. H. S. Nagrendraswamy, Rakshitha P,

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		Similarity Assessment	Manjuchethan N.
13.	SSET4_004	AI in Robotics: Objectives, Innovations, and Ethical Implications	Dr. Shivanand Pujar, Prof. Shaik Mohammadsamir, Prof. N. Ramesh Babu, Dr. Doddavarapu Sreenu Babu
14.	SSET4_005	Precise Forgery Region Identification in Digital Images: A Novel Approach Integrating SIFT, DBSCAN, and K-Means	Rajashekara M., Chethan H. K., Somanna M., Thejashwini B. L.
15.	SSET4_006	Detection of Phishing Cyber Attack using ML Techniques	Laxmi Kanthi
16.	SSET4_008	Intrusion Detection Analysis using Deep Learning Models in IoT	Vinayak A. Telsang, Mahabaleshwar S. Kakkasageri, Anil D. Devangavi
17.	SSET4_009	Brain Tumor Detection using Machine Learning and Deep Learning Models : A Comprehensive Survey	Sudha V. Salake, Sadhana P. Bangarasetti
18.	SSET4_010	A Deep Learning Model for Bird Sound Recognition	Vishwanath Kagawade, K. Chandrasekhar and Jayashri G. Ghantimath
19.	SSET4_011	Comparative Study on Automated Kidney Stone Detection using Different Techniques	Rubina and Vishwanath Kagawade
20.	SSET4_014	Advanced Classification of Fundus Tessellation Using EfficientNet and Grad-CAM: A Deep Learning Approach	Kachi Anvesh, Bharati M. Reshmi

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<p style="text-align: center;">Track B: (IT and Circuit Branches) Track 2: Electrical, Communication and Networking Track 4: Intelligent Computing Systems</p>			
<p style="text-align: center;">Day 2, 30th August 2024, Friday</p>			
<p style="text-align: center;">2:00 pm to 4:30 pm</p>			
Sl. No.	Paper Id	Title of the Paper	Name of the author(s)
1.	SSET4_015	Glimpse into the Future - Holographic Projection Technology	Nisha Uday Araballi, Prateek Arunkumar Jahagirdar, Dr. Govindraj Chittapur
2.	SSET4_016	Phishing Detection using Deep Learning: State-of-the-Art and Future Directions	Rudragouda Hiregoudar, S. V. Saboji
3.	SSET4_017	An Extensive Analysis of the Research Gaps in Crop Yield Improvement and Precision Agriculture Using Automated Machine Learning	Rajkumar C. Shikkeri, Dr. S. R. Patil
4.	SSET4_018	An Insight into Key Algorithms for Sentiment Analysis	Raju A. Nadaf, Veerappa B. Pagi
5.	SSET4_020	Big Data Based Security Analytics for Protecting the Virtualized Infrastructure in Cloud Computing	Vishwanath Kagawade, Shweta I. Haigar
6.	SSET4_022	Impact of Lumpy Skin Disease Virus on Indian Cattle: A Review of Mitigation Strategies	Raghavendra Y. Jadhav
7.	SSET4_023	Number Plate Recognition in Challenging Environments: A Study	Prof. Karuna B. K., Prof. Sudha K. S., Dr Shobha.Patil , Dr. V. B. Pagi
8.	SSET4_025	Text-to-Video Generator Using Stable Diffusion Model for Dynamic Video Content Creation	S. N. Benkikeri, L. B. Bhajantri
9.	SSET4_027	Survey on Health Monitoring System	Kartik Kulkarni, Shrinidhi Joshi, Chandrashekhhar G. Hadalagi, Shivananda and Anand H. Unnibhavi
10.	SSET4_029	Design and Development of Novel Machine Vision-based Non-Destructive Assessment Techniques for Post-Harvest Fruit Quality Control	Manjunath Y. Kammar, Virupaksha Gouda, Dr. Aradhana D.
11.	SSET4_030	Machine Learning Approach to Predict the Malnutrition Status of	Sushmadevi J. Wodeyar, Renuka Meti, Bharati and Shankarayya G.

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		Women	Kambalimath Reshmi
12.	SSET4_031	Convolutional Neural Network and Fog Computing Approach for Smart Industry	Mr. Basavaraj G. Kumbar, Dr. Lokesh B. Bhajantri
13.	SSET4_032	Brain MRI based Detection of Alzheimer's Disease – A Review	Usha Aniruddha Jogalekar, Vilas Naik
14.	SSET4_034	SmartSight: Android-based Retinal Disease Detection using Retinal Fundus Images with XAI	Manisha Bagewadi
15.	SSET4_035	Review on Various attacks in IoMT and Its Detection Methods	Benazir Muntasher, Dr. Mahabaleshwar S. Kakkasageri
16.	SSET4_036	Contactless Care Systems: A Review	Basavaraj Soratur, Dr. Mahabaleshwar S. Kakkasageri and Dr. Subhas Meti
17.	SSET4_037	Applications of Machine Learning and Deep Learning in Farming-A Review	Halaswamy B. M., Vinutha C. B.