BGS College of Engineering and Technology - BGSCET

Mahalakshmipuram, West of Chord Road, Bengaluru -560 086, Karnataka

"INTERNATIONAL CONFERENCE ON EMERGING RESEARCH IN COMPUTING, INFORMATION, COMMUNICATION AND APPLICATIONS"

ERCICA-2024

ERCICA - PROGRAM SCHEDULE - 2024

ERCICA 2024 - ONLINE PRESENTATIONS

16th, July, 2024

TRACK – I

Date : 16/07/24
Time : 12.00 Noon – 2.00 PM
VENUE : Room No – 104
Name of Session Coordinators: Dr. Parvathi C, Mrs. Sanjitha

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	250	Enhancing Data Security And Cloud Performance With Confidentiality- Based Classification-As-A-Service (C2aas) For Big Data Processing And Storage	S Noor Mohammed	9462374333
2	470	Digital Patient Records Management System using Blockchain	Prof.Girish Deshpande	9743311528
3	173	A Novel System for Authentication of Identity Cards using YOLO v5 & YOLO v8	Jaswanth Kunisetty	9494126989
4	492	Touchless Tech Assistant – A Gesture Controlled Virtual Mouse and Voice Assistant	Surekha K.B.	09035757671
5	361	Remote Health Monitoring for Empowering Patients with Intelligent Wearables	Arunachalam Manikandan	9551540001
6	406	Low Light Image Enhancement using MIRNet for Gesture Recognition	Prathipati Sri Surya	9100955116
7	151	CROP-CONNECT : Empowering Farmers through Digital Community	Vanipenta Bhanuprakash Reddy	8904764539
8	431	QSAR Model for Aquatic Toxicity Estimates using Machine Learning	Jayshree Ghorpade-Aher	9923796443
9	133	MOBILE APPLICATION TO DETECT SUGARCANE DAMAGED BILLETS	Manisha Tapale	9986903450
10	284	Securing Evidence in Digital Forensics Using Blockchain	Sowmya K.N	9945505336
11	147	Multi-Facial Recognition using Multitask Cascaded Convolutional Neural Networks	Sarthak Kumar Singh	6393827704

Date : 16/07/24
Time : 12.00 Noon – 2.00 PM
VENUE : Room No - 204
Name of the Track Coordinators : Dr.Madhura Gangiaha, Mrs Asha

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	110	Predictive Traffic Management and Deep Learning Based Vehicular Congestion Mitigation	Dr. Ganesh Khekare	9960460161
2	345	Multivariant Facial Age Progression Using GANs Variated by Genetic Algorithm and Generative AI	Ashutosh	8904376806
3	419	Python source code analysis for bug detection using Transformers	Tanish Rohil Gali	8274552224
4	244	Utilizing Deep Learning Features to Categorize White Blood Cells in Blood Smear Images	Ashwini P. Patil	9901992263
5	402	Enhanced Chlorophyll-a Assessment in River Water via Deep Learning Approaches with Remote Sensing Data	Hari Krishna S M	8553935263
6	373	Optimizing Traffic for Emergency Vehicles – An Improved Data Driven Approach	Ayesha Parveen M	7708290781
7	468	Machine Learning for Gender Inclusivity: Empowering Women in India's IT Landscape	Dr.Shaheen	9866666620
8	421	Reduced set of HOG Features through Feature Selection Method for Efficient Offline Signature Verification	BHAVANI S D	9113983306
9	338	Development and Optimization of AI-Powered Travel Companion	Muskan Tomar	9560626380
10	329	Advancing Video Surveillance Security: Real-Time Threat Detection with Deep Learning	Karthika Veeramani	9500048946
11	428	Chatbots in Telecommunications: Enhancing Customer Engagement with Deep Learning Models	Pradeep Rao	6380296351

ERCICA 2024 - ONLINE PRESENTATIONS

16th, July, 2024

TRACK – III

Date : 16/07/24
Time : 12.00 Noon – 2.00 PM
VENUE : Room No - 304
Name of the Track Coordinators : Dr.Chandrakala H L, Mrs.Geetha

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	224	IoT-Powered Hydroponics System: A Real-Time Monitoring and Control System	Adya S	7204711287
2	409	An Application for Translating Media- Bridging the Gap with Sign Language	Gautam Vaghasiya	6354296910
3	134	Android Security: Genetic Algorithm-Based Malware Detection System	Divya Kapil	9997109495
4	123	Cybersecurity Threat Detection of Anomaly based DDoS Attack using Machine Learning	Dr. Jyothi Neel	9480041556
5	302	HealthLink: A Healthcare System Leveraging IoT, Blockchain, and IPFS for Enhanced Data Security	Muneshwara M S	9743795366
6	377	Machine Learning Models Used for Detecting Brain Tumors	Dr. Bharathi M	9449551635
7	399	MAC Design and Performance Improvement using 64-Bit Vedic Multiplier Based on Urdhva Tiryagbhyam Sutra	BALAJI B S	7338147300
8	278	Hybrid Model of SRGAN CNN-LSTM for Classifying Dysgraphia in Primary school children using Handwritten Images	Sailaja Mulakaluri	9845604841
9	364	The Fabric of Gaming: Weaving Insights into Popular Video Games through Social Network Analysis (1980-2023)	Ramya G R	9442549388
10	144	Fire Detection Using Transformer Based Model	Dr. Vidyadevi Biradar	8660414794
11	378	Determining Adverse Effects of COVID-19 Vaccination Using Machine Learning and Deep Learning Classification and Identification	K.Priya Dr.A.Anbarasi	9791442921

Date   : 16/07/24
Time   : 12.00 Noon – 2.00 PM
VENUE   : Seminar Hall, BGSCET
Name of the Track Coordinators : Dr.Jalaja, Dr.Manjula G

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	238	A semi-supervised Centroid based Object Tracking in Video surveillance Using Deep Detector and Salience Estimation	Yara Srinivas	8096226536
2	391	Judicial Insight Navigator - A Document Management System for Indian Law Firms Using Contextual search	Abhishek Kumar	7004467911
3	217	An Ideal Machine Learning Method That Uses URL Information to Identify Phishing Attempts	Dr. ParaShivaMurthy	9742903742
4	466	Enhanced phishing URL classification based on machine learning with keyword specific web crawler	Nandeesha H D	9538349705
5	369	Design of Open L Slotted Monopole Antenna for Bluetooth Application	Dr. Naveen S M	9482965259
6	341	An Optimized Approach of Player Selection in Cricket Using Performance Analytics	Pranav Kumar	9955388960
7	130	Deep Learning-Based Biometric Verification in a Secure Cloud Environment	Jyothi V	9019069099
8	383	Automated CI/CD Pipeline: A DevOps Approach for Deploy Containerized Applications	Vijayalakshmi S Katti	9972610166
9	269	Hybrid Approach Using Deep Neural Networks for Leaf Disease Detection and Disease Management	Mr. Chethan	7795788309
10	337	Metaheuristic (Ant Colony Optimization) Algorithm-based optimization of a Hexagon shaped patch antenna for medical purposes	Dr. Naveen	9916444448
11	308	Exploring Synthetic Data Generation Methods	Amala Rashmi Kumar	9535707744

ERCICA 2024 - ONLINE PRESENTATIONS

17th, July, 2024

TRACK – I

Date : 17/07/24
Time : 10.00 AM – 11:30 AM
VENUE : Room No - 104
Name of the Track Coordinators : Mrs.Jyothi, Dr.Parvathi C

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	115	Comprehensive analysis of Smart Greenhouse Monitoring System	Dr. Shanthi D L	9449176450
2	225	Robust Human Target Detection And Acquisition	Dr. Archana R A	9663299433
3	448	To Classify Normal and Abnormal events using Siamese Network with CMPO algorithm and to tracking the Abnormal events using e-TLD Algorithm	Kande Archana	98489 27944
4	101	A Unique Comprehensive Analysis for Detecting Vitamin Deficiencies using Picture Analysis through Image Processing	Dr.J Manoranjini	8790823202
5	414	Comparative Study of Supervised Machine Learning Techniques for Kannada Text to Braille Conversion	Ganga Gudi	8892856150
6	349	Prioritizing Test Cases Through Federated Learning Approach	Malathi P	9361371334
7	355	Blockchain-Driven Healthcare Management: A Secure and Efficient Prescription System with OCR and QR code	Malathi P	9361371334
8	415	Realization of Carry Look Ahead Adder Using Reversible Gates	Ravi L.S	9738271329
9	243	Exploring the causes of Maternal mortality in Karnataka and Crafting Strategies for Prevention	Dr. P. G. Sunitha Hiremath	84949 01964
10	463	Comparative Analysis of Deep Learning based Approaches for Event Detection in Videos	Sushma T.V	9731177566
11	423	Multiple Regression to Calculate Indian Premier League Player Auction Price using Player Performance Attributes	Dr. Jyotshna Dongardive	9819408061
12	379	Predictive Mechanism for fault-detection in Electric Vehicles: A Sustainable Transport	Uttam Satpute	9449937844

ERCICA 2024 - ONLINE PRESENTATIONS

17th, July, 2024

TRACK – II

Date : 17/07/24
Time : 12.00 Noon– 2:30 PM
VENUE : Room No - 204
Name of the Track Coordinators : Mrs.Hemalatha, Dr.Madhura

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	299	Novel Framework for Malicious URL Detector using Enhanced XGBoost	Akshatha Kamath	9482888627
2	233	Software Effort Estimation using AIML and a User-interface	Dr. Ravikumar BN	9538118484
3	394	Implementation of Reinforcement Learning -Optimized Communication Protocols For Vanets: Challenges and Solutions	Dr. D. RAVINDRAN	9952419975
4	358	Wearable Hand Orthotic Device for Stroke Monitoring and Rehabilitation	Ashoka A	8861766748
5	469	Wireless Electric Vehicle Charging System	Dr. Naveen S M	9482965259
6	107	Machine Learning Algorithm is used to identify Autism Spectrum Disorder in humans being	Dr. Drakshaveni	9972884530
7	216	Zenify.me - Your AI companion for a happier, healthier you	Yashaswini L	7676268763
8	430	Recognition of Sign Language Using E-CNN	Shishira A Gowda	8105420029
9	145	NFT Marketplace for Exchange of Digital Artifacts using Smart Contract	Praveen Narayan Bhat	8867626737
10	336	Utilizing Diverse Machine Learning Methodologies for Enhanced Stock Market Forecasting	Chidananda H	9449380527
11	264	SmokeEye: An AI-ML based Dehazing and Desmoking System	K V Diwakar Reddy	7019466078
12	312	Safeguarding EVs: A Next-Generation BMS with Integrated Fire Protection	Arjun M S	8861398516

ERCICA 2024 - ONLINE PRESENTATIONS

17th, July, 2024

TRACK – III

Date : 17/07/24
Time : 12.00 Noon – 2:00 PM
VENUE : Room No - 304
Name of the Track Coordinators : Ms.Vandana, Mrs.Sneha

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	212	Brain Diseases Prediction using ML	Tanishq Sharma	9821720813
2	483	An Evaluation framework for Voice commands to control the Micro Air Vehicles	Rishabh Kanth	9741019227
3	334	PCOS Detection using Machine Learning	Chidananda H	9449380527
4	200	Tailored Garment Recommendations Using Computer Vision and Machine Learning	Likitha T B	9480766907
5	215	Assisting Visually Challenged Individuals to Distinguish Authentic Currency from Counterfeit	Dr R Lalitha	9790916536
6	230	Prediction of Patient Progression Using Deep Fusion Approach in IoT-based Distributed Healthcare System	Savita Wali	9731707184
7	285	A Tri-Model Ensemble Approach for Phishing URL Detection using Explainable AI and Hyperparameter Tuning Techniques	Dr. Ashwini Kodipalli	9663332643
8	288	Exploring Advanced Techniques in Evaluating Water Quality Safety: A Comparative Analysis of Machine Learning and XAI Approaches	Dr. Ashwini Kodipalli	9663332643
9	289	Enhancing Medical Imaging: A Holistic Exploration of Precise PCOD Segmentation and Classification using Ensemble Deep Learning Approaches	Dr. Ashwini Kodipalli	9663332643
10	292	Design and Implementation of AI Machine Vision Inspection System with Multi-Optical Images for OLED Film Manufacturing	Nandini N S	8105633608
11	305	Brain Tumor Segmentation Using 3D Unet and 3D Autoencoder Contribution	Dr. Ashwini Kodipalli	9663332643
12	326	A QoS Aware RA Algorithm for OFDM Network	Naveen Rana	7696444446

ERCICA 2024 - OFFLINE PRESENTATIONS

17th, July, 2024

TRACK – I

Date : 17/07/24
Time : 10.00 AM – 11:30 AM
VENUE : Seminar Hall, BGSCET
Name of the Track Coordinators : Dr.Chaitra Naveen , Dr.Manjula G

SL. NO	PAPER ID	PAPER TITLE	AUTHORS	Mobile Number
1	239	Recognizing personality traits from handwriting with machine learning technique	Navya Manjunath Bhat	7338310865
2	367	Tiny Static Analysis Framework for Real-World C Codebases	Malathy P	9940851950
3	416	Design and Implementation of Application Specific UTMI with SIE	Ragavkumar A J	8248516419
4	438	Secure File Transfer Management: Leveraging Special Group ID for User-to-User Communication in Linux	Lokeshwari R	8971402501

REGARDING PRESENTATION SCHEDULE

- You are requested to bring your **PPT Presentations** in a Pen drive or any other hard disk. Kindly take a note of your PPT Date, Time and Venue and you are requested to be present in the venue 15 minutes prior on the given date (Both ONLINE and OFFLINE).

- The maximum time allotted for each Presentation is **10 minutes. The presentation maximum time is 8 min for presentation and 2 min for discussions. So kindly prepare your PPT according to the given time.**

- You are also requested to bring your **Identity Proof** to collect your Conference Kit. The Conference Kit contains One Bag, and Coupons. Certificates will be issued in the Presentation Venue itself.

- All the authors are requested to be **present for the Inauguration Function** as mentioned in the schedule, as it is being addressed by prominent personalities.

- **'How to reach the Institute'** Map is also available at conference website. You can also reach us anytime…

For other details contact the - Convener

(Dr. Prasad N Hamsavath)
Prof & Head – Dept. of AI&DS &
Convener – ERCICA 2024
Mobile No: +91-9980200016
ercica.paper@bgscet.ac.in