Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
(Autonomous)

International Conference on Innovative Computing, Informatics and Advanced Communication Systems (ICICIAC-2022)

Jointly Organized by
Department of Information Technology
&
Department of Computer Science & Engineering
(25th -26th March 2022)

Day 1 - 25-03-2022 (Friday)	
Zoom Link for Inaugural Ceremony : https://us02web.zoom.us/j/86413962158?pwd=SHJkMUxkaFpzTGQ4czZ5SE15MUdmQT09	
10:00AM- 10:50 AM	Inaugural Ceremony
11:00-12: 15PM	Keynote Session by Dr. E.DamodarReddy, NIT-Goa, India
12: 15-1: 15 PM	Lunch
1: 15-2:15PM	Keynote Session by Dr. Sri Devi Ravana, Universiti Malaya, Malaysia
2: 30 – 4:00PM	Track1, Track2, Track3 and Track4
Day 2 - 26-03-2022 (Saturday)	
10:00AM-11: 00 AM	Keynote Session by Dr. Chandan Srivastav, Senior Data Scientist, Microsoft, Hyderabad, India
11: 20 AM-12: 30 PM	Track5, Track6, Track7 and Track8
12: 30-1:30 PM	Lunch
1:30 – 2:30 PM	Track9, Track10, Track11 and Track12
2:45-3:00 PM	Valedictory Zoom Link: https://us02web.zoom.us/j/89266103037?pwd=Q1NGclZTZUpwMFNmV1c1UHJlWU00dz09

INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING, INFORMATICS AND ADVANCED COMMUNICATION SYSTEMS

(25th -26th March 2022)

Track 1   **Date:25-03-2022 (Friday)**   **Timings 2:30 PM - 4:00 PM**

Session Chairs: Dr.N.Ramakrishnaiah, Professor of CSE, JNTU-K/ Dr.Y.J.Nagendra Kumar, Professor of IT, GRIET.

Session Coordinator: Ms. L Sukanya, Assistant Professor of IT, GRIET.Ph.No: 9885698938

Zoom Link: https://us02web.zoom.us/j/82016799656?pwd=d2NxNDFML25VQ01aM25vTitNeU9LQT09

S.No	Paper Id	Authors	Paper Title
1.	6813	Akella S Narasimha Raju, Kayalvizhi Jayavel and Thulasi Rajalakshmi	Histopathology Exploratory Evidence of Discrepancy Detection of Carcinoma in the Colorectal Region using Integrated CNN-GradCAM
2.	9925	Sunki Raju, Kolagani Dr. Ravikiran and P Gopala Krishna	Smart Chatbot System Using Artificial Intelligence for an Organization
3.	0400	Sonam Gupta, Bharati Shukla, Arun Kumar Yadav and Divakar Yadav	Challenges and Issues in Legal Documents Classification
4.	2595	B Usha Priya and V Lokeswara Reddy	An Efficient novel approach for Early detection of lung cancer through document image classification with Distributed machine learning paradigms
5.	8016	Rajasekhar Nennuri, Pasam Rushitha, Amarnath Rajana and Jangam Jonas Edward	An Efficient novel approach for Melanoma Detection using transfer learning.

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Track 2   **Date: 25-03-2022 (Friday)**   **Timings 2:30 PM - 4:00 PM**

Session Chairs: Dr. J. Rajeswari, Professor of ISE, DSCE, Bangalore/ Dr.Y.Srilalitha, Professor of IT, GRIET.

Session Coordinator: Mr. Y. Subbarayudu, Assistant Professor of IT, GRIET.Ph.No: 9059930490

Zoom Link: https://us02web.zoom.us/j/82943068557?pwd=b01DVS81cEFtQzRLbjd4aExqYkNPZz09

S.No	Paper Id	Authors	Paper Title
1.	9278	Karthik Veeravalli, Lokesh Kota, Ankush Kappe, Rahul Kamishetty and Soujanya R	Early Identification of Brain Tumors from MRI images using Fuzzy C Means Clustering
2.	7636	Karuna G, Greeshma Patham, Lahari Pallati, Prathibha Meesala and Rishita Thota	Smart Suspect Tracker Using Deep Learning Model
3.	9372	Aruna Kumar Mishra and Subrat Kumar Mohanty	Multiresolution Analysis (MRA) Based Feature Extraction For Fault Detection And Isolation (FDI) In Sensors And Actuators Using Neural Networks
4.	0214	Abinash Sahoo and Dillip Kumar Ghose	Developing a flood susceptibility model based on Boosted regression trees of Cachar watershed, northeast India.
5.	6186	Anusha Kollu, Sai Srujan Kandukuri, Venkat Deepak Mundra, Abhishek Yerram and Sai Gopala Krishna Deekshith Challa	Fake Product Detection in Textile Industry

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Track 3	Date: 25-03-2022 (Friday)	Timings 2:30 PM - 4:00 PM

Session Chairs: Dr. J. Somasekhar, Professor& HOD, Dept of CSE, GCEM, Bangalore/ Dr. G. Ramesh, Associate Professor of CSE, GRIET

Session Coordinator: Dr. Y. Krishna Bhargavi, Assistant Professor of CSE, GRIET.Ph.NO: 9492948263

Zoom Link: https://zoom.us/j/94728617686?pwd=M2g1V0F5b04xNE9zUzljeUFGazJrZz09

S.No	Paper Id	Authors	Paper Title
1.	5095	Bhargavi Latha S, Sri Likhitha Lankireddy, Swathi Narahari, Archana Soni and Sravya Kanchireddy	Smart Dehydration Controlling System
2.	7010	Madhavi Karanam, Sai Rakesh Reddy Dontireddy, Yaswanth Reddy Devarapalli, Nikhil Billakanti and Milind K	Driver Drowsiness Estimation Using IoT and Image Processing
3.	5959	Dr. Srinivasa Reddy Konda and Indrasena Reddy	An Efficient SMS Classification System for Disaster Response
4.	0307	Abhiraj Rathore, Adarsh Sharma and Achint Goel	Class incremental Learning in Convolutional Neural Networks
5.	5797	Mukkamula Venu Gopalachari, Salakapuri Rakesh and Kiran Kumar Ganipalli	Automatic Music Genre Classification using Deep Learning
6.	6036	Madhavi Karanam, Sai Sumanth Kandagatla, Bharath Kumar Ippa, Sai Saketh Reddy Chirra and Trinetra Mopidevi	Text Interpreter and Converter

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| **Track 4** | **Date: 25-03-2022 (Friday)** | **Timings 2:30 PM - 4:00 PM** |

Session Chairs: Dr.Dr. K. L. S. Soujanya, Professor & HOD, Dept of IT, CMRCET, Hyderabad/ Dr. B. Sankara Babu, Professorof CSE, GRIET

Session Coordinator: Mr. N. Krishna Chaitanya, Assistant Professor of CSE, GRIET. Ph. No:.9885862478

Zoom Link: https://us02web.zoom.us/j/84353642701?pwd=SFY1YTRpbW9oWUtEVHpSQTNaSW8zQT09

S.No	Paper Id	Authors	Paper Title
1.	2384	Shammimoon Shaik, Jyothi Kumari, Rounak Unissa, Keerthana Reddy Mucharla and Kavitha Kayiram	Personality Prediction using Stack Meta Model
2.	4973	Rasagna Singamsetty, Lakshmi Tejaswini Karani, Shreya Pyata, Deepika Boppanaboyani and Neha Nandal	Voice Based Pedestrian System using Machine Learning
3.	7269	Yerragudipadu Subbarayudu, Badri Komma, D Bhaskar Reddy, K Ashok, V Abhiram Raju and B Shiva	An Efficient Novel Approach for Personality Prediction using Machine Learning Paradigms based on Societal Community
4.	5005	Dr Bjd Kalyani, Dr Sarabu Neelima and Kopparthi Bhanu Prasanth	Facemask Detection Ontology with GBML as Meta Classifier
5.	6566	Krishna Bhargavi Yerraganti, Vamshi Krishna Vanaganti, Srinivas Porandla, Suvarnarao Penumala and Upendhar Nemmani	Text Summarization and Translation on Multi-Modal Data
6.	8280	Padma Vijetha Dev B, Susmitha Valli Gogula, Meghana Vagdevi Korada, Lavanya Venna, Srestha Somala and Sai Kalyani P	Vaidhyi Health Care Chatbot

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Track 5 **Date:26-03-2022 (Saturday)** **Timings11:20AM-12:30PM**

Session Chairs: Dr. K. Srinivasa Reddy, Professor& HOD, Dept of CSE, BVRITW, Hyderabad/ Dr. V. Ahila, Associate Professor of IT, GRIET.

Session Coordinator: Ms. K. Swapnika, Assistant Professor of IT, GRIET.Ph.NO: 9618026493

Zoom Link: https://us02web.zoom.us/j/89565392386?pwd=UHRjRXdweUhGcFhoS3NrWUxsdnZPUT09

S.No	Paper Id	Authors	Paper Title
1.	2834	Adilakshmi Konda, Krishna Teja Naraharisetty, Manish Manchala, Ashwin S Thankachan and Rahul Bandaru	Predictive Analysis for Big Mart Sales Using Machine Learning
2.	0961	Deepak Patil, Rajesh Pahurkar, Rajendra Jarad, Yogesh Mahajan and Jayashree Patil	Unfolding Influence of Digital Marketing on Business Innovation and Resource Optimization
3.	7427	Sai Shivani M, Shruti Sharma, Vijayalata Y, Ashlin Deepa R N, Misbah Sultana and Bhavani P	Deep Learning Based Face Recognition and Emoji Prediction System
4.	7933	Singamsetty Ritwika and Katari Butchi Raju	A Survey on Malicious Software Detection and Analyzation using the various Machine Learning Algorithms
5.	3955	Yelti Preethika, Kodali Anuradha and Vellanki Srilakshmi	COVID -19 Classification Using CNN Model on Radiography Image Data set

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Track 6   **Date:26-03-2022 (Saturday)**   **Timings11:20AM-12:30PM**

Session Chairs: Dr. M. Venugopala Chari, Associate Professor of IT, CBIT, Hyderabad/ Dr. G. Kiran Kumar, Associate Professor of CSE, CBIT.

Session Coordinator: Ms. G. Lavanya, Assistant Professor of IT, GRIET.Ph.No: 7207306733

Zoom Link: https://us02web.zoom.us/j/81968915816?pwd=Yjh6RGUzU3RXS0wyN0VHSE9VWU5lZz09

S.No	Paper Id	Authors	Paper Title
1.	4287	Anuradha Kodali, Sri Naga Sai Jampala, Swapna Siliguri, Keerthi Konda and Latha Sri Velmal	Image Caption Generator Using CNN & LSTM
2.	1324	Shailender Kumar, Abhinav Chopra, Sambhav Jain and Sarthak Arora	Vision Transformer Based Devanagari Character Recognition
3.	3604	Bhuvan Chandra Muvva, Shiva Sankar Modala, Sandeep Mallikarjuna, Revanth Manohar Muppa and Lipika Goel	Diagnosis of Chronic Kidney Disease
4.	2016	Sohith Tummala, Prithvi Sriman Maddukuri, Niranjana Nitish Varma Bhupathiraju, Mallikarjuna Rao Cherukupalli and Srujan Singam	Malicious software Detection using Ml algorithms
5.	2453	Srikar Peddi, Sai Kumar Kulai, Suresh Mudavath, Uday Kiran Reddy Bommu and Zaheer Mohammed	Touchless Interface for Gaming

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Track 7   **Date: 26-03-2022 (Saturday)**   **Timings11:20AM-12:30PM**

Session Chairs: Dr. S. Kranthi Kumar, Associate Professor of CSE, GITAM, Visakhapatnam/ Dr. K. Kavitha, Professor of CSE, GRIET

Session Coordinator: Ms. B. Sindhuja, Assistant Professor of CSE, GRIET. Ph. No:. 6305014626

Zoom Link: https://zoom.us/j/92072646280?pwd=RmlhT05IWGJFYm9lR2haTldMUGE3dz09

S.No	Paper Id	Authors	Paper Title
1.	9824	Undadi Shailaja and Mamatha Samson	Weighted Test Pattern Generator (TPG)for Built-In Self-Test (BIST).
2.	2954	Sushmitha Mallepally, Jamal K, Kiran Mannem, Kumar O.V.P and Pratyusha Chowdari Ch	16-Bit Three Operand Adder of CS3A and HC3A
3.	0293	Dr.Rajavikram Gandham and Mahesh N	Deep Learning Based fusion strategies for Hate Speech Detection to combine the classifiers to improve classification performance
4.	7747	K Swaraja, S Divya, D Harish, B Harshini, G Naveen Kumar, K Meenakshi and N Sreekanth	Classification Of Image Dehazing Techniques
5.	0106	Anuradha Kodali, Priyanka Aramadaka, Sawini Reddy Chitti, Anoohya Mettu and Vikitha Sadanaboina	Rice Leaf Disease Detection Using CNN
6.	1419	Sandipan Bhowmick and Dr. Ashim Saha	Enhancing The Performance of kNN For Glass identification Dataset Using Inverse Distance weight, ReliefF Ranking and SMOTE

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Track 8   **Date:26-03-2022 (Saturday)**   **Timings11:20AM-12:30PM**

Session Chairs: Dr. Muralidhar Kurni, Associate Professor of CS, GITAM, Bangalore/ Dr. G. Charles Babu, Professor of CSE, GRIET.

Session Coordinator: Ms. P. Surekha, Assistant Professor of CSE, GRIET. Ph. No:8886088667

Zoom Link: https://us02web.zoom.us/j/84760187998?pwd=dWxZbzd3bFMvRmdBY1RyWlRMUzAvZz09

S.No	Paper Id	Authors	Paper Title
1.	5784	Prasanth Yalla, Surekha Dama, Chandana Ginjupalli, Krishna Veni Ginjupalli and Rashmitha Krishna Gudapati	A Critical and Comparitive analysis on Face Mask detection using deep learning algorithms
2.	1019	Devi Sai Tanusha Bollina, Vinuthna Donghisharpu, Anjali Manda, Sravani Devadurgam and Ushasree D	Color Coded Social Distance Detector
3.	9970	Sumitra Mallick and Bipin. Bihari Jayasingh	Prediction of mental health illness using machine learning for technical employees
4.	4979	Dr. Shalini Puri and Smaranika Mohapatra	Smart-Farming Assistance for Agricultural Crops in Various Seasons using Web-Enabled Information Service
5.	8845	Shripad Bhatlawande, Neeraja Khire, Mahesh Kinge, Chinmay Kshirsagar, Parth Kudal, Jyoti Madake and Swati Shilaskar	Scene Recognition and Image Caption Generation
6.	8064	Bhavana Gupta and Nishchol Mishra	Whale Optimization Based Attack Detection On Cloud Virtualized Infrastructure

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Track 9 **Date:26-03-2022 (Saturday)** **Timings1:30PM-2:30PM**

Session Chairs: Dr. G. Sireesha, Associate Professor of CSE, SRKREC, Bhimavaram/ Dr. K. Ravi Kiran, Associate Professor, GRIET

Session Coordinator: Ms. Ch. Vidyadhari, Assistant Professor of IT, GRIET.Ph.NO: 9989069953

Zoom Link: https://us02web.zoom.us/j/85833402822?pwd=b0k2VzVIVlh6RjA0OG02RXhBWjVjQT09

S.No	Paper Id	Authors	Paper Title
1.	3851	Bindu Sri and K T Thomas	A Comparative Study of Machine Learning and Deep Learning Algorithms to Predict Crop Production
2.	2397	Ritwik Goli, Tarun Reddy Talakanti, Lokeish Sae Ram Vuppu, Shyam Kumar Medikonda and Mallikarjuna Rao Cherukupalli	Crop Yield Prediction in Indian Agriculture Using Machine Learning
3.	8427	Venkata Suneetha T, Nikhil Mitlamalla, Rohith Siripuram, Rahul Arvapally and Uday Kajana	Custom Tone Generator
4.	7691	Karuna Gotlur, Tanmayee Kulkarni, Tejaswini Royyapally, Bijayashree Das and Naveena Vadlakonda	Music Genre Classification using Machine Learning
5.	3942	Anudeep Dhavaleswarapu, Sai Sampath Potluri, Mounika Naladala, Tejaswi Krishna Kosaraju and Parasuram P	Mood Analysis Based Music & Movie Recommendation System
6.	5084	Gull Kaur, Aarjav Chauhan, Aakash Kumar and Abhishek Babbar	Classification of Toxic Comments Unified Through Diverse Internet Forums

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Track 10 **Date:26-03-2022 (Saturday)** **Timings:1:30PM-2:30PM**

Session Chairs: Dr. Surbhi Gupta, Assistant Professor, PAU, Ludhiana/ Dr. G. Rajesh Kumar, Associate Professor of IT, VNRVJIET, Hyderabad.

Session Coordinator: Ms. G. Prashanthi, Assistant Professor of IT, GRIET.Ph.No: 9849233946

Zoom Link: https://us02web.zoom.us/j/89266103037?pwd=Q1NGclZTZUpwMFNmV1c1UHJlWU00dz09

S.No	Paper Id	Authors	Paper Title
1.	4771	Bhargavi Latha S, Sai Samhita Tallapragada, Shiny Melingi, Martha Grace Kommuguri and Harisha Kodadi	Retrieving Cooking Recipe from a Food Image
2.	9592	Karuna Gotlur, Teja Haravind Teki, Sai Naga Pavan Gandhi Thanneedi, Lakshmi Prasad Nampally and Nirgun Sai Chundru	Handwritten Math Equation Solver Using Machine Learning
3.	1281	Shirisha Kampati and Kakara Santhi Sree	Prediction of Heart Disease using Deep CNN-LSTM with Hyper Parameter Tuned-Infallible Multi-Layer Perceptron
4.	7243	Chandra Shaker Arrabotu and Anil Tellur	IoT Based Smart College Bus Transport System
5.	5516	Swati Shilaskar, Om Kakde, Kartikey Dwivedi, Mandar Kulkarni, Bhavit Khandelwal, Aniket Patil, Jyoti Madake and Shripad Bhatlawande	An Embedded System for Efficient Voice Command Recognition
6.	8985	Deepak Pippiri and Rajiv Kode, K Ravi Kiran	Pneumonia Detection Using CNN Variants

Track 11   **Date: 26-03-2022 (Saturday)**   **Timings 1:30PM-2:30PM**

Session Chairs: Dr. N. Madhusudhana Reddy, Professor of CSE, RGMCET, Nandyal/ Dr. Y. Vijayalata, Professor of CSE, GRIET.

Session Coordinator: Mr. R. Sowjanya, Assistant Professor of CSE, GRIET.Ph.No: 9959392746

Zoom Link: https://zoom.us/j/99677158394?pwd=amdyTWdBeUNsV3NZaFByL2kzOGprUT09

S.No	Paper Id	Authors	Paper Title
1.	1142	Prasanth Y, Lavanya Gottemukkala and Madhavi Karanam	Cloud Web Console (CWC) - a Web Console Framework for Connecting Multiple Cloud Databases.
2.	5832	G P C Venkata Krishna, Dr D Vivekananda Reddy and C Chandrakala	Literature Review on Cloud Security Using Machine Learning Techniques
3.	7881	N Kirankumar and Raghuveer Vr	A comparative study on Wisconsin Breast Cancer Database through machine learning and deep learning paradigm
4.	4266	Rohini Sangeetham and Dr Narayana Reddy S	High Resolution Image Classification using Support Vector Machine
5.	0813	Ilker Nacakli	Daily Store Sales Prediction Using Machine Learning Methods
6.	6841	Swati Shilaskar, Shripad Bhatlawande, Varad Katkalambekar, Khushi Singh, Chinmay Kulkarni and Jyoti Madake	An Expert System for Detection of Household Furniture for Safe Mobility of Blind People

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Track 12 **Date: 26-03-2022 (Saturday)** **Timings : 1:30PM-2:30PM**

Session Chairs: Dr. Tulasi Bikku, Associate Professor & HOD, Dept of IT,VNITSW, Guntur/ Dr. P. Chandrasekhar Reddy, Professor of CSE, GRIET.

Session Coordinator: Dr. V. Sreelakshmi, Assistant Professor of CSE, GRIET.Ph.No: 9849596232

Zoom Link: https://us02web.zoom.us/j/84007967881?pwd=dk5qZFhqdmZCWi9NK3d2NGJkSjE3QT09

S.No	Paper Id	Authors	Paper Title
1.	0680	Anil Kumar G, Ramya Gaddameedi, Kiranmayi Modugu, Hema Chandana Vemulapati and Elizabeth Arrolla	Face Mask Detection Using openCV
2.	4942	O Sri Nagesh and Shaik Subhan Ali	Detect and Eliminate Fake News through Online Social Networks
3.	5576	Jyoti Madake, Shripad Bhatlawande, Swati Shilaskar, Piyush Deshpande and Viraj Deshpande	Staircase Detection for Safe Mobility of Visually Impaired People
4.	1898	Prasanthi Gottumukkala, Beena Bethel G.N, Srinivasarao Giduturi and Sridhar Babu Nalla	Normalized Different Vegetation Index (NDVI) Satellite Image Information Classification Using Convolution Neural Network
5.	5381	Kiran Kumar Ganipalli, Malathi Rani Duggi, Mukkamula Venu Gopalachari, S Rakesh Rakesh and Syed Ashraf	Melanoma Classification Using Convolutional Neural Network