

6th International Conference on Inventive Systems and Control - ICISC 2022

Conference Dates: 06-07, January 2022

Organized by

JCT College of Engineering and Technology,
Pichanur, Coimbatore,
India.

Schedule for Presentation

Conference
Date
6.1.2022
[IST]

- **9.30am-10.30 am- Inauguration & Keynote Address**
- **10.45am - 1.15pm- Session I**
- **1.15pm - 2.00pm-Lunch Break**
- **2.00pm - 4.30pm- Session II**
- **4.15pm- 4.45pm - Valedictory Function**

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-I -- Parallel Session-I
6th January 2022 [10.45am – 1.15pm]

TIME SLOT	TITLE/AUTHOR NAME
10.45 AM TO 11.00 AM	WIND TURBINE ALARM MANAGEMENT WITH ARTIFICIAL NEURAL NETWORKS ISAAC SEGOVIA, PEDRO JOSÉ BERNALTE, FAUSTO PEDRO GARCÍA MÁRQUEZ
11.00 AM TO 11.15 AM	CONVOLUTIONAL NEURAL NETWORKS AS A QUALITY CONTROL IN 4.0 INDUSTRY FOR SCREWS AND NUTS DIEGO ORTEGA SANZ, CARLOS QUITERIO GOMEZ MUÑOZ, FAUSTO PEDRO GARCÍA MÁRQUEZ
11.15 AM TO 11.30 AM	PROPOSAL OF AN EFFICIENT ENCRYPTION ALGORITHM FOR SECURING COMMUNICATED INFORMATION JOURI ALHARBI, SHATHA ALLUHAYBI, RAHAF ALSAIARI, AND DR. RAJA ALJALOUJI
11.30 AM TO 11.45 AM	DISCERNMENT OF UNSOLICITED INTERNET SPAMDEXING USING GRAPH THEORY APEKSHA KULKARNI, DEVANSH SOLANI, PREET SANGHAVI, ACHYUTH KUNCHAPU, VIJAYALAKSHMI M, SINDHU NAIR,
11.45 AM TO 12.00 PM	UNIQUE AUTHENTICATION SYSTEM IN END-TO-END ENCRYPTED CHAT APPLICATION SAKSHI PANDEY, TARUSH RAJPUT, RAHIL PARIKH, AKSHAT GANDHI, AND KUNAL RANE.
12.00 PM TO 12.15 PM	VACCINATION REMINDER SYSTEM VEMULAKONDA GAYATRI, SUNKOLLU SAI CHANDU, SREYA VENIGALLA, RAAVI DINESH KUMAR REDDY, AND J EBENEZER
12.15 PM TO 12.30 PM	A 60 GHZ CMOS VCO ADAPTING SWITCHABLE HIGH Q INDUCTORS HARIESH S K, RESHMA M, SIVAKUMAR BAPU O K C, U VIJAY GOKUL, KARTHIGHA BALAMURUGAN
12.30 PM TO 12.45 PM	A COMPREHENSIVE SURVEY ON PREDICTING DYSLEXIA AND ADHD USING MACHINE LEARNING APPROACHES PAVAN KUMAR VARMA KOTHAPALLI, V RATHIKARANI, GOPALA KRISHNA MURTHY NOOKALA
12.45 PM TO 1.00 PM	A DECENTRALIZED BLOCKCHAIN-BASED SECURE AUTHENTICATION SCHEME FOR IOT DEVICES EFFRA ALTAF HAQANI, ZUBAIR BAIG AND FRANK JIANG
1.00 PM TO 1.15 PM	PREDICTION OF TYPE II DIABETES USING MACHINE LEARNING APPROACHES TASMIAH RAHMAN, ANAMIKA AZAD,SHEIKH ABUJAR

Session-I -- Parallel Session-II
6th January 2022 [11.00am – 1.15pm]

TIME SLOT	TITLE/AUTHOR NAME
10.45 AM TO 11.00 AM	AUTHENTICATION AND SECURITY ASPECT OF DATA SECURITY USING ANTI- FORENSIC AUDIO-VIDEO EMBEDDING TECHNIQUES SUNIL K MOON
11.00 AM TO 11.15 AM	MOBILE EDGE COMPUTING: A COMPREHENSIVE ANALYSIS ON COMPUTATION OFFLOADING TECHNIQUES AND MODELLING SCHEMES BILDASS SANTHOSAM, DR. J. IMMANUEL JOHN RAJA, DR. GETZI JEBAL EELIPUSHPAM, DR. J. JEBAVEERASINGH JEBADURAI AND MARTIN VIVTOR
11.15 AM TO 11.30 AM	ENHANCED LEARNING OUTCOMES BY INTERACTIVE VIDEO CONTENT - H5P IN MOODLE LMS RAMA DEVI S, SUBETHA T, S.L. ARUNA RAO, MAHESH KUMAR MORAMPUDI
11.30 AM TO 11.45 AM	ANTI -CANCER DRUG RESPONSE PREDICTION SYSTEM USING STACKED ENSEMBLE APPROACH DR.P.SELVI RAJENDRAN, K.R.KARTHEESWARI
11.45 AM TO 12.00 PM	SMART AGENT FRAMEWORK FOR COLOR SELECTION OF WALL PAINTINGS MALLIKARJUNA RAO GUNDAVARAPU, ABHINAV BACHU, SAI SASHANK TADIVAKA, SAKETH KOUNDINYA G,SNEHA NIMMALA
12.00 PM TO 12.15 PM	BRAIN MR IMAGE SEGMENTATION FOR TUMOR IDENTIFICATION USING HYBRID OF FCM CLUSTERING AND RESNETP S LATHASHREE, PRAJNA PUTHRAN, B N YASHASWINI, AND NAGAMMA PATIL
12.15 PM TO 12.30 PM	A REVIEW ON AUTOMATED ALGORITHMS USED FOR OSTEOPOROSIS DIAGNOSIS GAUTAM AMIYA, KOTTAIMALAI RAMARAJ, PALLIKONDA RAJASEKARAN MURUGAN, VISHNUVARTHANAN GOVINDARAJ, MUNESWARAN VASUDEVAN, AND ARUNPRASATH THIYAGARAJAN
12.30 PM TO 12.45 PM	SUPERVISED DEEP LEARNING APPROACH FOR GENERATING DYNAMIC SUMMARY OF THE VIDEO MOHAMMED INAYATHULLA, KARTHEKEYAN C
12.45 PM TO 1.00 PM	A NOVEL APPROACH FOR EARLY INTERVENTION OF RETINAL DISORDERS USING MACHINE LEARNING TECHNIQUES DHANUSHA P B, DR. A MUTHUKUMAR, DR. A LAKSHMI
1.00 PM TO 1.15 PM	DEEP-LEARNING BASED EFFICIENT DETECTION OF COVID-19 ABDUL RAZIM, MOHD AZHAN UMAR KAMIL

Session-I -- Parallel Session-III
6th January 2022 [11.00am – 1.15pm]

TIME SLOT	TITLE/AUTHOR NAME
10.45 AM TO 11.00 AM	ARTFDS-ADVANCED RAILWAY TRACK FAULT DETECTION SYSTEM USING MACHINE LEARNING LAKSHMISUDHA KONDAKA, ADWAIT RANGNEKAR, AKSHAY SHETTY AND YASH ZAWAR
11.00 AM TO 11.15 AM	RECOMMENDATION AND DISEASE PREDICTION USING MACHINE LEARNING AND DEEP LEARNING DR.K.SURIYAKRISHNAAN, CHARAN KUMAR L, AND VIGNESH
11.15 AM TO 11.30 AM	A MACHINE LEARNING APPROACH FOR DAILY TEMPERATURE PREDICTION USING BIG DATA USHA DIVAKARLA, K CHANDRASEKARAN, K HEMANTH KUMAR REDDY, VIKRAM REDDY R, MANJULA GURURAJ
11.30 AM TO 11.45 AM	KEYWORD ERROR DETECTION ON PRODUCT TITLE DATA USING APPROXIMATE RETRIEVAL AND WORD2VEC DUC-HONG PHAM
11.45 AM TO 12.00 PM	AI-BASED STRESS STATE CLASSIFICATION USING AN ENSEMBLE MODEL-BASED SVM CLASSIFIER DONGKOO SHON, KICHANG IM, AND JONG-MYON KIM
12.00 PM TO 12.15 PM	DESIGNING A SECURE VEHICULAR INTERNET OF THINGS (IOT) USING BLOCKCHAIN ATUL LAL SHRIVASTAVA, RAJENDRA KUMAR DWIVEDI
12.15 PM TO 12.30 PM	SURVEY ON MACHINE LEARNING ALGORITHM FOR LEAF DISEASE DETECTION USING IMAGE DINESH A, MARAGATHARAJAN M, BALAKANNAN S.P
12.30 PM TO 12.45 PM	DEEP NEURAL NETWORKS AND BLACK WIDOW OPTIMIZATION FOR VANETS SHAZIA SULTHANA, B N MANJUNATHA REDDY
12.45 PM TO 1.00 PM	AN EFFICIENT AUTOMATED INTRUSION DETECTION SYSTEM USING HYBRID DECISION TREE AMRUTHA B S, MEGHANA I, TEJAS R, HRISHIKESH VASANT PILARE, ANNAPURNA D
1.00 PM TO 1.15 PM	A MEDICAL IMAGE ENHANCEMENT TO DENOISE POISSON NOISES USING NEURAL NETWORK AND AUTO ENCODERS V. SUDHA, K.KALYANASUNDARAM, R.C.S.ABISHEK, R. RAJA

Session-II -- Parallel Session-I
6th January 2022 [2.00 pm- 4.45 pm]

TIME SLOT	TITLE/AUTHOR NAME
2.00 PM TO 2.15 PM	IMPLEMENTATION AND PERFORMANCE EVALUATION OF BINARY TO GRAY CODE CONVERTER USING QUANTUM DOT CELLULAR AUTOMATA UTTKARSH SHARMA, PRADEEP K, N SAMANVITA, SOWMYA RAMAN
2.15 PM TO 2.30 PM	SMART ATTENDANCE WITH REAL TIME FACE RECOGNITION G APARNA, PRASANTH VAIDYA S
2.30 PM TO 2.45 PM	DEVELOPMENT OF HYBRID ALGORITHMS USING NEURAL NETWORKS FOR EARLY DETECTION OF GLAUCOMA IN HUMANS &IT'S HARDWARE IMPLEMENTATION MAHESH B. NEELAGAR , BALAJI K.A, T.C.MANJUNATH, PAVITHRA G
2.45 PM TO 3.00 PM	QOS BASED CLASSICAL TRUST MANAGEMENT SYSTEM FOR THE EVALUATION OF THE TRUSTWORTHINESS OF A CLOUD RESOURCE KUMAR P, VINODH KUMAR S, PRIYA L
3.00 PM TO 3.15 PM	HANDWRITTEN CHARACTER RECOGNITION FOR TAMIL LANGUAGE USING CONVOLUTIONAL RECURRENT NEURAL NETWORK S. VIJAYALAKSHMI, K.R.KAVITHA, B.SARAVANAN, R. AJAYBASKAR AND M. MAKESH
3.15 PM TO 3.30 PM	LIVER TUMOR DETECTION USING CNN S. VIJAYALAKSHMI, K.R.KAVITHA , M. TAMILARASI, AND R. SOUNDHARYA
3.30 PM TO 3.45 PM	VEHICLE SPOTTING IN NIGHT TIME USING GAMMA CORRECTION SHAIK HAFEEZ SHAHEED, RAJANALA SUDHEER, KAVURI ROHIT, DEEPIKA TINNAVALLI, SHAHANA BANO
3.45 PM TO 4.00 PM	APPLICATION OF UPFC FOR ENHANCEMENT OF VOLTAGE STABILITY OF WIND BASED DG SYSTEM NAMRA JOSHI AND DR. PRAGYA NEMA
4.00 PM TO 4.15 PM	VIDEO KEYFRAME EXTRACTION BASED ON HUMAN MOTION DETECTION C. VICTORIA PRISCILLA AND D. RAJESHWARI
4.15 PM TO 4.30 PM	DESIGNING A SECURE SMART HEALTHCARE SYSTEM WITH BLOCKCHAIN NEELAM CHAUHAN, RAJENDRA KUMAR DWIVEDI
4.30 PM TO 4.45 PM	A SMART IRRIGATION SYSTEM USING PLANT MAINTENANCE BOT R.SEETHARAMAN, M.THARUN, K.ANANDAN, S.S.SREEJA MOLE

Session-II -- Parallel Session-II
6th January 2022 [2.00 pm- 4.30 pm]

TIME SLOT	TITLE/AUTHOR NAME
2.00 PM TO 2.15 PM	VEHICLE CLASSIFICATION AND COUNTING FROM SURVEILLANCE CAMERA USING COMPUTER VISION AYUB KHAN. A, JANANI. A. S, AKASH. P
2.15 PM TO 2.30 PM	CLASSIFICATION OF INDIAN MONUMENT ARCHITECTURE STYLES USING BI-LEVEL HYBRID LEARNING TECHNIQUES KAVITHA S, MOHANAVALLI S, BHARATHI B, RAHUL CH, SHAILESH S, PREETHI K
2.30 PM TO 2.45 PM	SIGN LANGUAGE RECOGNITION USING CNN AND CGAN MARRIVADA GOPALA KRISHNA SAI CHARAN, POORNA S S, ANURAJ K, CHORAGUDI SAI PRANEETH, P.G.SAI SUMANTH, CHEKKA VENKATA SAI PHANEENDRA GUPTA, AND KOTA SRIKAR
2.45 PM TO 3.00 PM	A SYSTEMATIC REVIEW ON LOAD BALANCING TOOLS AND TECHNIQUES IN CLOUD COMPUTING MOHAMMAD HARIS AND RAFIQUZ ZAMAN KHAN
3.00 PM TO 3.15 PM	TDMA BASED ADAPTIVE MULTICASTING IN WIRELESS NOC SMRITI SRIVASTAVA, ADITHI VISWANATH , KRITHIKA VENKATESH, AND DR. MINAL MOHARIR
3.15 PM TO 3.30 PM	BARRIERS TO THE WIDESPREAD ADOPTION OF PROCESSING IN MEMORY ARCHITECTURES MOHAMMED SIYAD B AND R MOHAN
3.30 PM TO 3.45 PM	A DEEP MULTI-SCALE FEATURE FUSION APPROACH FOR EARLY RECOGNITION OF JUTE DISEASES AND PESTS RASHIDUL HASAN HRIDOY, TANJINA YEASMIN, AND MD. MAHFUZULLAH
3.45 PM TO 4.00 PM	ASSESSMENT OF CARDIOVASCULAR SYSTEM THROUGH CARDIOVASCULAR AUTONOMIC REFLEX TEST E.S.SELVA PRIYA,DR.L.SUGANTHI, R.ANANDHA PRABA, AND R.JEYASHREE
4.00 PM TO 4.15 PM	DETECTION OF GLAUCOMA USING HMM SEGMENTATION AND RANDOM FOREST CLASSIFICATION CHEVULA MAHESWARI, GURUKUMAR LOKKU, K. NAGI REDDY
4.15 PM TO 4.30 PM	A UAV-BASED AD-HOC NETWORK FOR REAL TIME ASSESSMENT AND ENFORCEMENT OF VEHICLE STANDARDS IN SMART CITIES VIJAY A. KANADE

Session-II -- Parallel Session-III
6th January 2022 [2.00 pm- 4.30 pm]

TIME SLOT	TITLE/AUTHOR NAME
2.00 PM TO 2.15 PM	HAND GESTURE RECOGNITION USING 3D CNN AND COMPUTER INTERFACING HAMMAD MANSOOR, NIDHI KALRA, PIYUSH GOYAL, MUSKAN BANSAL, NAMIT WADHWA
2.15 PM TO 2.30 PM	ANALYSIS OF PREDICTION ACCURACIES FOR MEMORY BASED AND MODEL BASED COLLABORATIVE FILTERING MODELS RAGHAVENDRA C K, AND SRIKANTIAH K C
2.30 PM TO 2.45 PM	EMOTION RECOGNITION USING SPEECH BASED TESS AND CREMA ALGORITHM DR.P.CHITRA, A.INDUMATHI, B.RAJASEKARAN, M. MUNI BABU
2.45 PM TO 3.00 PM	WIRELESS DATA TRANSFERRING OF SOLDIER HEALTH MONITORING AND POSITION TRACKING SYSTEM USING ARDUINO DR. K. SURIYAKRISHNAAN, GALI MAHENDRA, SANKAR D, DR. K. S. YAMUNA
3.00 PM TO 3.15 PM	ANALYSING AND IDENTIFYING COVID-19 RISK FACTORS USING MACHINE LEARNING ALGORITHM WITH SMARTPHONE APPLICATION SHAH SIDDIQUI, ELIAS HOSSAIN, S M ASADUZZAMAN, SABILA AL JANNAT, TA-SEEN NILOY, WAHIDUR RAHMAN, SHAMSUL MASUM, ADRIAN HOPGOOD, ALICE GOOD, ALEXANDER GEGOV
3.15 PM TO 3.30 PM	TWITTER BOT DETECTION USING ONE CLASS CLASSIFIER AND TOPIC ANALYSIS ANUPRIYA RAJKUMAR, RAKESH C, KALAIVANI M, AND ARUN G
3.30 PM TO 3.45 PM	ANALYSIS ON SKEW DETECTION AND RECTIFICATION TECHNIQUES FOR OFFLINE HANDWRITTEN SCRIPTS KRUPASHANKARI S SANDYAL, KIRAN Y C
3.45 PM TO 4.00 PM	BUILDING AN INTRUSION DETECTION SYSTEM USING SUPERVISED MACHINE LEARNING CLASSIFIERS WITH FEATURE SELECTION AAMIR S AHANGER, SAJAD M KHAN AND FAHEEM MASOODI
4.00 PM TO 4.15 PM	DESIGN AND IMPLEMENTATION OF VOICE COMMAND BASED ROBOTIC SYSTEM MD. RAWSHAN HABIB, KUMAR SUNNY, ABHISHEK VADHER, ARIFUR RAHAMAN, ASIF NOOR TUSHAR, MD MOSSIHUR RAHMAN, MD. RASHEDUL AREFIN, AND MD APU AHMED
4.15 PM TO 4.30 PM	STUDY ON ADVANCED IMAGE PROCESSING TECHNIQUES FOR REMOTE SENSOR DATA ANALYSIS MD. RAWSHAN HABIB, ABHISHEK VADHER, FAHIM REZA ANIK, MD SHAHNEWAZ TANVIR, MD MOSSIHUR RAHMAN, MD MAHMUDUL HASAN, MD. RASHEDUL AREFIN, MD APU AHMED, AND A.M. RUBAYET HOSSAIN

