



3rd International Conference on Smart Electronics and Communication

ICOSEC 2022

Organized by

Kongunadu College of Engineering and Technology

Conference Dates: 20-22 October, 2022

Dates	Time	Program Schedule	Venue Details
20.10.2022	9.00 am-9.30 am 9.30 am – 10.30 am 10.30 am-1.30 pm 1.30 pm-2.30 pm 2.30 pm-5.30 pm	Inaugural function Keynote Address Session I Session Break Session II	Parallel Session-I Seminar Hall 301 Parallel Session-II Seminar Hall 201 Parallel Session-III Seminar Hall 202 Parallel Session-IV Seminar Hall 101 Parallel Session-V Seminar Hall 102
21.10.2022	9.30 am – 10.30 am 10.30 am -1.30 pm 1.30 pm-2.30 pm 2.30 pm- 5.30 pm	Keynote Address Session III Session break Session IV	
22.10.2022	9.30 am – 10.30 am 10.30 am -1.30 pm 1.30 pm-2.30 pm 2.30 pm- 4.30 pm	Keynote Address Session V Session break Session VI	

Presentation Time: 20 Minutes

Presentation Format: Power Point Presentation (PPT)

**Session-I- Parallel Session-I
20th October 2022 [10.30 AM-1.30 PM]**

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	SATELLITE IMAGE DEHAZING USING FAST ITERATIVE DOMAIN GAUSSIAN GUIDED IMAGE FILTERING NALUGURU UDAYA KUMAR, NAKKA SHIVAKUMAR, SRINIVAS BACHU
10.50 AM TO 11.10 AM	COOPERATIVE SPECTRUM SENSING WITH HARD DECISION FUSION BASED ON MODIFIED CORRELATION DETECTION SCHEME IN ADDITIVE LAPLACIAN NOISE KHUSHBOO SINHA, Y. N. TRIVEDI
11.10 AM TO 11.30 AM	NOVEL IMPLEMENTATION OF CARDIO-VASCULAR DISEASE (CVD) PREDICTION ALGORITHM USING MACHINE LEARNING TECHNIQUES RAMKUMAR R, VIGNESH V, RAMKUMAR M O, JAYAKUMAR.D
11.30 AM TO 11.50 AM	CLASSIFICATION OF RICE LEAF USING RCNN WITH TRANSFER LEARNING IYSWARYALAKSHMI K, RAMKUMAR.M.O, PRIYANKA S, JAYAKUMAR D
11.50 AM TO 12.10 PM	SPEED CONTROL OF SMART INDUCTION MOTOR USING MODEL PREDICTIVE DIRECT TORQUE CONTROL AND FUZZY GAIN SCHEDULING GOVIND T, SAMPATH KUMAR S
12.10 PM TO 12.30 PM	NON-INTRUSIVE LOAD MONITORING FOR ENERGY CONSUMPTION DISAGGREGATION ARAVIND P R, SARATH T V
12.30 PM TO 12.50 PM	LAB ON A CHIP FOR BLOOD CELL SORTING USING MICROFLUIDIC CHANNEL S RAMYA, S PRAVEEN KUMAR, T K SRINIVASAN, T ARAVIND, G DINESH RAM, D LINGARAJA
12.50 PM TO 1. 10 PM	OPTIMIZED HAZARD FREE PIPELINED ARCHITECTURE BLOCK FOR RV32I RISC-V PROCESSOR THANGA DHARSNI I, KIRTI S. PANDE, MANOJ KUMAR PANDA
1. 10 PM TO 1.30 PM	GENETIC ALGORITHM BASED CONTROLLER DESIGN FOR CANE CARRIER OF SUGAR FACTORY GOVIND SINGH JETHI, SANDEEP KUMAR SUNORI, PRIYANKA JOSHI, AMIT MITTAL, PRADEEP JUNEJA

Session-I- Parallel Session-II
20th October 2022 [10.30 AM-1.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	DESIGN OF ARTIFICIAL INTELLIGENCE (AI) BASED USER EXPERIENCE WEBSITES FOR E-COMMERCE APPLICATION AND FUTURE OF DIGITAL MARKETING VINAYKARTHIK B C, MOHANA
10.50 AM TO 11.10 AM	INTELLIGENT INFORMATION RETRIEVAL: HANDLING VARIABILITY IN DOCUMENT STRUCTURE AARUSHI GUPTA, AKHIL CHAWLA, K S SHUSHRUTHA, MOHANA
11.10 AM TO 11.30 AM	PLC BASED EFFICIENT ENERGY MANAGEMENT SYSTEM IN THE SMART GRID SUNDARAMAHALINGAM S, JEGADEESHWARAN S, ESAKIRAJ M, RONALD KISHORE J
11.30 AM TO 11.50 AM	A COMPACT MICROSTRIP-LINE FED CIRCULAR UWB ANTENNA WITH NESTED U-SHAPED SLOTS FOR DUAL BAND-NOTCH JYOTI RANJAN PANDA, NITEN KUMAR PANDA, SANDEEP KUMAR DASH, SATYA NARAYAN MISHRA, BIKASH KUMAR BEHERA
11.50 AM TO 12.10 PM	DESIGN OF FLEXIBLE AND WEARABLE ANTENNA FOR 5G IOT APPLICATION SUNEESH S, SIVA PRIYA A, ABIRAMI K, DHRUVA TV, RAJESH A
12.10 PM TO 12.30 PM	EDGE COMPUTING FOR SMART STOVE IN HOME AUTOMATION PRIYANKA A S, KUSUMA S M
12.30 PM TO 12.50 PM	HARDWARE BASED DATA SECURITY TECHNIQUES IN IOT: A REVIEW GOPIKA RAJAN. J, R.S. GANESH
12.50 PM TO 1. 10 PM	A COMPREHENSIVE SURVEY ON MRI IMAGES CLASSIFICATION FOR BRAIN TUMOR IDENTIFICATION USING DEEP LEARNING TECHNIQUES KONDRA PRANITHA, NARESH VURUKONDA, RUDRA KALYAN NAYAK
1. 10 PM TO 1.30 PM	DDOS ATTACK DETECTION USING ENHANCED LONG-SHORT TERM MEMORY WITH HYBRID MACHINE LEARNING ALGORITHMS M.SINTHUJA, K.SUTHENDRAN

Session-I- Parallel Session-III
20th October 2022 [10.30 AM-1.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	DESIGN OF MICROWAVE DUAL-RESONATING SENSOR FOR CHRONIC WOUND ASSESSMENT MANUSRI REKSHANA M.S, MANIKANDAN SENTHUR A, SHRIHARI E.S, ABIRAMI K, RAJESH A
10.50 AM TO 11.10 AM	DETECTION OF GLAUCOMA USING CONVOLUTIONAL NEURAL NETWORK (CNN) WITH SUPER RESOLUTION GENERATIVE ADVERSARIAL NETWORK (SRGAN) P.S.NANDHINI, P.SRINATH, P.VEERAMANIKANDAN
11.10 AM TO 11.30 AM	HIGHLY ENHANCED SAFETY & SECURITY SYSTEM IN HELMET & BIKE USING VARIOUS SENSORS WITH GSM MODULES A.SUBRAMANIYA SIVA, P.VISHAL, A.T.SANKARA SUBRAMANIAN, M. RAMESH, S.SATHISHKUMAR, N.VINOTHINI
11.30 AM TO 11.50 AM	PREDICTION OF CORONARY ARTERY DISEASE BY ADAPTING HYBRID APPROACH OF MACHINE LEARNING METHODS VIJAY PARTHASARTHY, L. PALLAVI, HARISHCHANDER ANANDARAM, M.PRAVEEN,S.ARUN, R.KRISHNAMOORTHY
11.50 AM TO 12.10 PM	TOTAL ERROR RATE AND AVERAGE CHANNEL THROUGHPUT ANALYSIS IN FADING CHANNELS B. NAVEEN KUMAR, DEBASHISH PAL, AYAN KUMAR BANDYOPADHYAY, CHAITALI KOLEY
12.10 PM TO 12.30 PM	PERFORMANCE EVALUATION OF DEEP LEARNING BASED MANDARIN FRUIT SORTING SYSTEM WITH INDUSTRIAL CAMERA MURALIDHARAN DURAISAMY, RAJAVENDHAN GOVINDARAJ, NAVEEN MOHAN, ANANDHANARAYANAN KAMALAKANNAN, SATISH BINDAL, ANITA TITUS
12.30 PM TO 12.50 PM	MEDICAL IMAGE SEGMENTATION OF BIO-MEDICAL IMAGES WITH DEEP CONVOLUTION NEURAL NETWORKS USING ENSEMBLE APPROACH D.YUVARAJ, BADUGU SAMATHA, SAMPATH A K, S.ARUN, N SHANMUGAPRIYA, R.THIYAGARAJAN
12.50 PM TO 1. 10 PM	DETECTION OF BRAIN TUMOR FROM THE MRI IMAGES USING DEEP HYBRID BOOSTED BASED ON ENSEMBLE TECHNIQUES MOHD FAIZAN KHAN, PRANAV KHATRI, SUSHANT LENKA, DUDI ANUHYA, ARKA SANYAL
1. 10 PM TO 1.30 PM	SMART TROLLEY AND PREDICTIVE STOCK MONITORING USING MACHINE LEARNING T.RAJASEKAR, RITIKA S Y, RUTHRA G



Session-I- Parallel Session-IV
20th October 2022 [10.30 AM-1.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	A SCRUTINY OF PRIVACY AND SECURITY ISSUES IN FOG COMPUTING ENVIRONMENT R. ALEXANDER, K. PRADEEP MOHAN KUMAR
10.50 AM TO 11.10 AM	ENERGY EFFICIENT HIGH PERFORMANCE ADDER/SUBTRACTOR CIRCUITS G. RAMESH, P. MANIKANDAN, P. NAVEEN, M. SARAVANAN, S. R. ASHOK KUMAR, C. SWEDHEETHA
11.10 AM TO 11.30 AM	IMPLEMENTATION OF BLUR IMAGE TO SHARP IMAGE CONVERSION USING LAPLACIAN APPROACH S.S. ARAVINTH, A.GOPI, GUMMADI LIKHITH CHOWDARY, KVR BHAGAVATH, DESABOINA RAHUL SRINIVAS
11.30 AM TO 11.50 AM	ENHANCED EXTREME LEARNING MACHINE ALGORITHM WITH DETERMINISTIC WEIGHT MODIFICATION FOR INVESTMENT DECISION ON INDIAN STOCKS K. KALAISELVI, VASANTHA KALYANI DAVID
11.50 AM TO 12.10 PM	APPGUIDER: FEATURE COMPARISON SYSTEM USING NEURAL NETWORK WITH FASTTEXT AND ASPECT-BASED SENTIMENT ANALYSIS ON PLAY STORE USER REVIEWS D.M.K. OSHADI, SAMANTHA THELIJJAGODA
12.10 PM TO 12.30 PM	DESIGN OF K-MEANS CLUSTERING & SVM BASED MODELS FOR SOIL FERTILITY CLASSIFICATION SANDEEP KUMAR SUNORI, JANMEJAY PANT, HIMANSHU PANT, MEHUL MANU, PRADEEP JUNEJA
12.30 PM TO 12.50 PM	PERFORMANCE MEASURES ON IOMT ENABLED SENSOR BASED RESPIRATORY MONITORING SYSTEM FOR MEASUREMENT OF VITAL PARAMETERS: A DESCRIPTIVE STUDY R. JEGAN, S. ANUB SATHYA
12.50 PM TO 1. 10 PM	BER ANALYSIS OF MIMO-OFDM SYSTEM USING STBC AND V-BLAST G.KRISHNA REDDY, G.MERLIN SHEEBA
1. 10 PM TO 1.30 PM	A POWER ELECTRONICS INTEGRATED TRANSFORMER-BASED UNIFIED POWER FLOW CONTROLLER BALACHANDER K, AMUDHA A, BHARATHIRAJA D, SURESHKUMAAR G

**Session-II -- Parallel Session-I
20th October 2022 [2.30 PM–5.30 PM]**

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	AUGMENTED REALITY IN MEDICAL EDUCATION: AN INDUSTRY 4.0 ENABLED INNOVATIVE APPROACH SIDDHARTH GOSWAMI, SACHIN SHARMA
2.50 PM TO 3.10 PM	PRIVACY PROTECTED MODIFIED DOUBLE RATCHET ALGORITHM FOR SECURE CHATBOT APPLICATION MILIND SHAH, MAHESH PANCHAL
3.10 PM TO 3.30 PM	SIMULATED ANNEALING BASED CONTROLLER DESIGN FOR SYNCHRONOUS MOTOR SANDEEP KUMAR SUNORI, VIMAL SINGH BISHT, AMIT MITTAL, MEHUL MANU, PRADEEP JUNEJA
3.30 PM TO 3.50 PM	EVALUATION OF QUALITY OF TRANSMISSION IN DISAGGREGATED OPTICAL NETWORK VIDHYA J, RAMYA G
3.50 PM TO 4.10 PM	PERFORMANCE COMPARISON OF FCN, LSTM AND GRU FOR STATE OF CHARGE ESTIMATION RAMPRAKASH S, SIVRAJ P.
4.10 PM TO 4.30 PM	AN EFFICIENT METAL ECO METHODOLOGY FOR ADDRESSING TIMING VIOLATIONS WITH 10X TURNAROUND TIME SANDEEP KUMAR TAUMAR, SONALI AGRAWAL
4.30 PM TO 4.50 PM	SURVEY ON FAST CHARGING WITH SOC ESTIMATION C R AMRUTHA VARSHINI, AYUSH TIWARI, ARYA JHA, K RAHUL ANNAMALAI, K. DEEPA, V. SAILAJA
4.50 PM TO 5.10 PM	SOFTWARE DEFINED NETWORK (SDN) IMPLEMENTATION WITH POX CONTROLLER RIYA PATEL, PARTH PATEL, PARTH SHAH, BANSARI PATEL, DWEEPNA GARG
5.10 PM TO 5.30 PM	DESIGN OF ULTRA-WIDEBAND OF RECTANGULAR SHAPED EMOJI DESIGNED MICROSTRIP PATCH ANTENNA OF 4.5GHZ FOR MILITARY APPLICATIONS J. JOSELIN JEYA SHEELA, M. LOGESHWARAN, KAVALI UDAYA KUMAR, MAPPETTI VAMSI, N CHARAN KUMAR

Session-II -- Parallel Session-II
20th October 2022 [2.30 PM–5.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	3D IMAGE RECONSTRUCTION FROM MULTI-VIEW IMAGES USING THE ENCODER-BASED FEATURE MAP GENERATION TANAJI UMAJI KAMBLE, SHRINIVAS PADMAKAR MAHAJAN, SHRIKRISHNAKUMAR ARUTWAR
2.50 PM TO 3.10 PM	IOT IN AGRICULTURE AND HEALTHCARE: APPLICATIONS AND CHALLENGES ABDUL HAFEEZ P, GURPREET SINGH, JASRPREET SINGH, CHANDER PRABHA, AMIT VERMA
3.10 PM TO 3.30 PM	A STUDY OF EFFECTIVE SCREENING METHODS FOR GRADING DIABETIC RETINOPATHY USING MATHEMATICAL APPROACHES S HEMAMALINI, V.D AMBETH KUMAR, V GOKULA KRISHNAN
3.30 PM TO 3.50 PM	PERFORMANCE ANALYSIS AND OPTIMIZATION TECHNIQUES IN UNITY3D NARINDER PAL SINGH, BHANU SHARMA, AVINASH SHARMA
3.50 PM TO 4.10 PM	THE ROLE OF MACHINE LEARNING IN IOT: A SURVEY ARIKUMAR K S, SAHAYA BENI PRATHIBA, RAJALAKSHMI SHENBAGA MOORTHY, TAMILARASI K, VENKATA CHALAPATHI, DEEPAK KUMAR A
4.10 PM TO 4.30 PM	SYSTEMATIC ANALYSIS OF SEVERAL DEEP LEARNING APPROACHES FOR COVID-19 DETECTION USING X-RAY IMAGES RASHIDUZZAMAN SHAKIL, BONNA AKTER, F. M. JAVED MEHEDI SHAMRAT, NUSRAT JAHAN, SHAKIBE HASAN, ANKIT KHATER
4.30 PM TO 4.50 PM	A COMPARATIVE STUDY ON BREAST CANCER CLASSIFICATION USING MULTIPLE CONVOLUTION NEURAL NETWORK ARCHITECTURES MD. MURAD HOSSIN, SHOURAV MOLLA, F. M. JAVED MEHEDI SHAMRAT, MAHSUBA MEHERUNNESSA SAMIA, RAKHI MONI SAHA, ANKIT KHATER
4.50 PM TO 5.10 PM	SKIN CANCER CLASSIFICATION AND EARLY DETECTION ON CELL IMAGES USING MULTIPLE CONVOLUTION NEURAL NETWORK ARCHITECTURES ANANDA SUTRADHAR, SHOROVE TAJMEN, AL-AMIN DHALY, F. M. JAVED MEHEDI SHAMRAT, MD SADEKUR RAHMAN TALUKDER, ANKIT KHATER
5.10 PM TO 5.30 PM	DEEP LEARNING APPROACHES FOR DIABETIC RETINOPATHY DETECTION BY IMAGE CLASSIFICATION MD. SAKIB ALI MAZUMDER, TANZIM HOSSAIN, F. M. JAVED MEHEDI SHAMRAT, NUSRAT JAHAN, ZARRIN TASNIM, ANKIT KHATER

**Session-II -- Parallel Session-III
20th October 2022 [2.30 PM–5.30 PM]**

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	COMPACT-SIZED, DUAL-ELEMENT MIMO ANTENNA TOGETHER WITH PARTIAL AND DEFECTED GROUND STRUCTURE FOR 4G/5G UWB APPLICATIONS ARASHPREET K. SOHI, AMANPREET KAUR
2.50 PM TO 3.10 PM	ENHANCED SPEAKER VERIFICATION INCORPORATED WITH FACE RECOGNITION RAMYA.R, DEEPAN NIVASH P, ANWAR KHANSA I, HARISH IYAPPA B
3.10 PM TO 3.30 PM	FO-PI CONTROLLER FOR REGULATING DC LINK VOLTAGE IN UPQC INTEGRATED HES SYSTEM FOR POWER QUALITY IMPROVEMENT SHRAVAN KUMAR YADAV, KRISHNA BIHARI YADAV
3.30 PM TO 3.50 PM	AN IMPROVED DUAL ACTIVE BRIDGE POWER CONVERTER FOR EV BATTERIES A S KAMARAJA, P ANITHA, K KARTHIK KUMAR, G RAMESH PANDI
3.50 PM TO 4.10 PM	ARCHIMEDES SPIRAL ANTENNA FOR THE MICROWAVE HYPERTHERMIA APPLICATION KOMALPREET KAUR, AMANPREET KAUR
4.10 PM TO 4.30 PM	CLASSIFICATION OF INDIAN MEDICINAL LEAVES USING TRANSFER LEARNING BASED CONVOLUTIONAL NEURAL NETWORKS KOVVURI UDAY SURYA DEVESWAR REDDY, AYESHA SHAIK, BALASUNDARAM A, MATTAPALLY SAI NITHIN, LAKSHMI SAI RAM KAKARLA, NOOR MAHAMMAD SK
4.30 PM TO 4.50 PM	A DEEP LEARNING -BASED APPROACH FOR TOMATO PLANT LEAF DISEASE DETECTION AND CLASSIFICATION VIJAYAKUMAR T, S.SANTHI, GOKILA M
4.50 PM TO 5.10 PM	SMART CROWD MONITORING SYSTEM USING IMAGE PROCESSING TECHNIQUE DURING COVID-19 MANIKANDABABU C S, JAGADEESWARI M, KAVIYA B, NISHA S
5.10 PM TO 5.30 PM	A DEEP LEARNING BASED FRAMEWORK IMPLEMENTATION AND ARTIFICIAL INTELLIGENCE USING OPTICAL COMMUNICATION P.MALINI, C.GANESH, U.RAMANI, G.VIJAYAKUMARI, V.FEMINA, S.IRFAN BASHA

Session-II -- Parallel Session-IV
20th October 2022 [2.30 PM–5.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	FIBER OPTIC SENSORS BASED ON 2D NANOMATERIAL FOR HUMIDITY SENSING APPLICATION – A MINI REVIEW KISHORE KUMAR VENKATESAN, SATHIYAN SAMIKANNU
2.50 PM TO 3.10 PM	SMART MASK FOR HEALTH MONITORING K.R.PRABHA, B.NATARAJ, P.SWATHI, V.R.THARANI, A.VINOLA
3.10 PM TO 3.30 PM	REAL TIME FACIAL EMOTION RECOGNITION METHODS USING DIFFERENT MACHINE LEARNING TECHNIQUES K.R.PRABHA, B.NATARAJ, R AJAYDEVAN, S.KABILAN, V.MUTHUSELVAM
3.30 PM TO 3.50 PM	STAR GALAXY IMAGE CLASSIFICATION VIA CONVOLUTIONAL NEURAL NETWORKS PRAPTI GARG, TARINI CHANDRA, RITIKA AHLAWAT, NEHA MITTAL, RATNESHWAR KUMAR RATNESH, SUBODH KUMAR TRIPATHI
3.50 PM TO 4.10 PM	CMOS OPERATIONAL TRANSCONDUCTANCE AMPLIFIER FOR BLUETOOTH/WIFI APPLICATION AT 2.4GHZ FREQUENCY VIJAYDEEP GUPTA, BHARAT BHUSHAN JAIN, PRADEEP KUMAR JANGID
4.10 PM TO 4.30 PM	EXAM PROCTORING CLASSIFICATION USING EYE GAZE DETECTION JAGENDRA SINGH, REET AGGARWAL, SHUBHI TIWARI AND VINAYAK JOSHI
4.30 PM TO 4.50 PM	PERFORMANCE COMPARISON OF PREDICTION ALGORITHMS FOR FORECASTING OF WIND POWER GENERATION ABHAY TRIVEDI, ANAND RAJ, SUGANYA J
4.50 PM TO 5.10 PM	HEART DISEASE PREDICTION USING AN OPTIMIZED EXTREME LEARNING MACHINE WITH BACTERIAL COLONY OPTIMIZATION P. VIGNESHVARAN, A. VIJAYA KATHIRAVAN
5.10 PM TO 5.30 PM	A DEEP REVIEW AND STATE-OF-THE-ART PERFORMANCE ON FINGERPRINT LIVENESS DETECTION DATABASES RAJAKUMAR B. R, AMALA SHANTHI S

Session-III -- Parallel Session-I
21th October 2022 [10.30 AM to 1.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	GRAPE LEAVES DISEASE IDENTIFICATION USING TRANSFER LEARNING TECHNIQUES ATUL KUMAR UTTAM, ANUJ KUMAR
10.50 AM TO 11.10 AM	A TOUR TO EXACT VISUALIZATION OF SEARCH ENGINE IN UNIQUE BOUNDARIES FACILITATING USER EXPECTATIONS TO USAGE S.KUMARI, M.KATHIRAVAN
11.10 AM TO 11.30 AM	EFFECTUAL GESTURE CONTROLLED SMART WHEELCHAIR FOR THE INCAPACITATED R.NIRANJANA, M. AHMED IBRAHIM, R. AJAY, V.B.ARUNNACHALAM, R. SANTHANA KRISHNAN, K. LAKSHMI NARAYANAN
11.30 AM TO 11.50 AM	A STUDY OF CLOUD-BASED VPN ESTABLISHMENT USING NETWORK FUNCTION VIRTUALIZATION TECHNIQUE SANKILI SANTHANAMAHALINGAM, SARAVANAN ALAGARSAMY, KARTHIKEYAN SUBRAMANIAN
11.50 AM TO 12.10 PM	COMPARISON OF FALL RISK PREDICTION OF PATIENTS USING TREE ALGORITHMS IMPLEMENTED ON A WEARABLE BELT KRISHNA SANDILYA GARIMELLA, ANJU .S. PILLAI
12.10 PM TO 12.30 PM	SURVEY ON ARTIFICIAL INTELLIGENCE- BASED DEPRESSION DETECTION USING CLINICAL INTERVIEW DATA SHAIK RASHEEDA BEGUM, SAAD YUNUS SAIT
12.30 PM TO 12.50 PM	DESIGN AND ANALYSIS OF AN IMPROVED NEGATIVE CAPACITANCE PHASE- TRANSITION FINFET VIDHYA J, SUNDHAR D
12.50 PM TO 1. 10 PM	ANALYSIS OF 8 BIT VEDIC MULTIPLIER USING DIFFERENT FULL ADDER TECHNIQUES SOUMYA G HOSMANI, P VIMALA
1. 10 PM TO 1.30 PM	DESIGN AND ANALYSIS OF MEMS BASED ACTUATOR USING SHAPE MEMORY ALLOY D LINGARAJA, S PRAVEEN KUMAR, T ARAVIND, T K SRINIVASAN, S RAMYA, G DINESH RAM

Session-III -- Parallel Session-II
21th October 2022 [10.30 AM to 1.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	A DEEP SURVEY ON VEHICULAR ROUTE GUIDANCE ALGORITHMS AND IMPLEMENTED SYSTEMS G.BHAVYA, PADMALAYA NAYAK
10.50 AM TO 11.10 AM	AN EFFICIENT MACHINE LEARNING SYSTEM USING SENTIMENT ANALYSIS BASED FOR MOVIE RECOMMENDATIONS NIKHIL S PATANKAR, YOGESH S DESHMUKH, RAMESHWAR D CHINTAMANI, K VENGATESAN, NITIN L SHELAKI
11.10 AM TO 11.30 AM	BRAILLE COMMUNICATION SYSTEM FOR VISUALLY IMPAIRED WITH HAPTIC FEEDBACK SYSTEM SAI LAXMI A, SNEHA R, SUPRAJA P, PRASATH R
11.30 AM TO 11.50 AM	BUILDING A BACKEND-AS-A-SERVICE PLATFORM IN KUBERNETES NAVANEETH V, KRITHIK VASAN B, MAGESHWAR S, MERCY W
11.50 AM TO 12.10 PM	ENHANCED DBN-BASED THYROID SEGMENTATION AND CLASSIFICATION OF US IMAGES USING COYOTE OPTIMIZATION ALGORITHM B. SHANKARLAL, P. D. SATHYA, G. SURESHKUMAR, S. DHIVYA, H. SUDARSAN
12.10 PM TO 12.30 PM	JAYA ALGORITHM AND ITS PERFORMANCE ON ENERGY EFFICIENCY FOR WIRELESS SENSOR NETWORKS N. THIYAGARAJAN, N. SHANMUGASUNDARAM, V. K. U. AHAMED GANI
12.30 PM TO 12.50 PM	DIABETES PREDICTION BASED ON SUPERVISED AND UNSUPERVISED LEARNING TECHNIQUES – A REVIEW SIVARAMAN M, SUMITHA J
12.50 PM TO 1. 10 PM	SURVEY: AN AUTOMATIC PARALLEL PARKING USING PATH PLANNING METHODOLOGIES POOJITHA CHEEDALLA, KARANAM MADHAVI
1. 10 PM TO 1.30 PM	EFFICIENT NET TRANSFER LEARNING BASED EARLY PREDICTION OF MONKEY POX LESION M. SHYAMALA DEVI, J. ARUN PANDIAN, MAHESH BABURAO LONARE, YELURI PRAVEEN



Session-III -- Parallel Session-III
21th October 2022 [10.30 AM to 1.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	EVALUATION OF SAFETY AND SECURE MESSAGE COMMUNICATION IN VEHICULAR NETWORK GOGINENI HIMA BINDU, UMMADI JANARDHAN REDDY, G H BINDU
10.50 AM TO 11.10 AM	DESIGN OF INTELLIGENT SOCKET MODULE FOR SMART HOME APPLICATION USING INTERNET OF THINGS R.SAROJINI, C. VENKATARAMANAN, R.SUDHA, S.RAMALINGAM
11.10 AM TO 11.30 AM	SECURE MANAGEMENT OF HEALTHCARE DATA IN FOG AND IOT NETWORKS: A SHORT SURVEY ON EXISTING SECURITY PROTOCOLS TINA VICTORIA A, M.KOWSIGAN
11.30 AM TO 11.50 AM	DEEP LEARNING BASED MOBILE TRAFFIC FLOW PREDICTION MODEL IN 5G CELLULAR NETWORKS E. SELVAMANJU, V. BABY SHALINI
11.50 AM TO 12.10 PM	VLSI IMPLEMENTATION OF FULLY PARALLEL AND CSD FIR FILTER ARCHITECTURE PRABHAVATHY M, SAKTHIVEL S M
12.10 PM TO 12.30 PM	REVIEW OF NON-INVASIVE BLOOD PRESSURE ESTIMATION VIA MODERN APPROACHES R JEGAN, SNEHA KM, NIMI W.S
12.30 PM TO 12.50 PM	ROAD ACCIDENT DETECTION FROM CCTV FOOTAGES USING DEEP LEARNING ABHIRAMY AJITH, ABIN OOMMEN PHILIP, SREELA SREEDHAR, SREEJA M U
12.50 PM TO 1. 10 PM	TRIP PLANNING SYSTEM – TRIPMA WISHWAJITH W.L, ATTANAYAKE A.M.H.B, A.D SAVITH RANGANA, GEEKIYANAGE T.U, PRADEEPA BANDARA, SHALINI RUPASINGHE
1. 10 PM TO 1.30 PM	A NOVEL FRAMEWORK FOR SMART CLASSROOM LECTURE ATTENDANCE MANAGEMENT SYSTEM (LAMS) USING IOT M.MYTHILI, R.SATHYA, N.GAYATHRI, M.YOGESHWARAN, S.MADHANBABU

Session-IV -- Parallel Session-I



21th October 2022 [2.30 PM–5.30 PM]

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	SYSTEMATIC REVIEW OF SECURITY AUTHENTICATION BASED ON BLOCK CHAIN.D.YUVARAJ, NAGARJUNA KARYEMSETTY, M ANITHA, R.KRISHNAMOORTHY, BRIJESH SINGH, S.ARUN
2.50 PM TO 3.10 PM	ANALYSIS OF PIEZOELECTRIC BASED MEMS MICROMIRROR FOR OPTICAL COMMUNICATION G DINESH RAM, S PRAVEEN KUMAR, T K SRINIVASAN, T ARAVIND, S RAMYA, D LINGARAJA
3.10 PM TO 3.30 PM	A SURVEY ON COMPUTATIONAL APTITUDES TOWARDS PRECISION AGRICULTURE USING DATA MINING E.MURALI, S.MARGRET ANOUNCIA
3.30 PM TO 3.50 PM	CAPACITY FOR SPACE TIME DATA TRANSMISSION SCHEME IN COLOCATED MASSIVE MIMO PRATIBHA RANI, ARTI M.K., PRADEEP KUMAR DIMRI
3.50 PM TO 4.10 PM	IDENTIFICATION OF MEDICINAL FLORA USING DEEP LEARNING R SENTHIL GANESH, S A SIVAKUMAR, DINESH R, HARIHARA SUDHAN M, HARISH M
4.10 PM TO 4.30 PM	DESIGN AND DEVELOPMENT OF AN AUGMENTED REALITY E-COMMERCE 3D MODELS P.NANDHINI, S.HARIPRABHA, S.ABIRAMI, R.JASEENASH, KAVIYARAJ R
4.30 PM TO 4.50 PM	DETECTION OF MELANOMA SKIN CANCER USING DEEP LEARNING NANTHINI N, AISHWARYA D, ANGELIN SIMON, BABY VISHNUPRIYA N
4.50 PM TO 5.10 PM	DESIGN OF CONFORMAL MULTI-BAND MMWAVE WEARABLE ANTENNA FOR 5G APPLICATIONS DHRUVA T.V, RAJESH A, ABIRAMI K
5.10 PM TO 5.30 PM	FRAUD DETECTION AND MANAGEMENT FOR TELECOMMUNICATION SYSTEMS USING ARTIFICIAL INTELLIGENCE (AI) RITIKA H J, MOHANA

**Session-IV -- Parallel Session-II
21th October 2022 [2.30 PM–5.30 PM]**

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	APPLICATION OF MULTI-DOMAIN FEATURE FOR AUTOMATED SEIZURE DETECTION FROM EEG SIGNAL ASHOKKUMAR S.R, PREMKUMAR M, DHILIPKUMAR P, P MANIKANDAN, NAVEEN P, M. SARAVANAN
2.50 PM TO 3.10 PM	COVID-19 DETECTION THROUGH DEEP LEARNING ALGORITHMS USING CHEST X-RAY IMAGES TANZIM HOSSAIN, MD. SAKIB ALI MAZUMDER, F. M. JAVED MEHEDI SHAMRAT, NUSRAT JAHAN, RAKIBUL ISLAM, ANKIT KHATER
3.10 PM TO 3.30 PM	AN DEEP Q NETWORK OPTIMIZATION ALGORITHM FOR DOS ATTACK IN WSN PUVIARASU.A, JEYABHARATHI.P, LAVANYA.K, S.VIMALNATH, SURESHKUMAR.V, NAVEEN.P
3.30 PM TO 3.50 PM	A PROPOSAL FOR LIFE EXPECTANCY ANALYSIS USING MACHINE LEARNING TECHNIQUES SINKON NAYAK, MANJUSHA PANDEY, SIDDHARTH S. RAUTARAY
3.50 PM TO 4.10 PM	A SYSTEMATIZED CHRONICITY BASED DISEASE CLASSIFICATION IN COFFEE LEAVES USING DEEP LEARNING RAHUL KUMAR MADHUKAR, ANJU CHAURASIYA, POOJA CHATURVEDI
4.10 PM TO 4.30 PM	MODIFIED GEOMETRIC MEAN AS AN ESTIMATOR OF OUTLIER BASED ARTIFACTS IN NATURAL IMAGES NAVYA B, SRIDEVI J
4.30 PM TO 4.50 PM	AN INTELLIGENT BREAST CANCER FORECASTING SYSTEM USING OPTIMIZED ELMAN DEEP NEURAL NETWORK T.NAGALAKSHMI, M.GOVINDARAJAN, M.RAMALINGAM
4.50 PM TO 5.10 PM	TRACEABILITY OF TEA POWDER SUPPLY CHAIN BASED ON HYPERLEDGER FABRIC P. NAVEEN, P. MANIKANDAN, M. MARAGATHARAJAN, S. R. ASHOK KUMAR, M. SARAVANAN, A PUVIARASU
5.10 PM TO 5.30 PM	UNDERGROUND CABLE FAULT DISTANCE LOCATOR B. NATARAJ, K.R.PRABHA, T. SHASHI PRABHA, J.SHEEBA BANU, M. SRI SHAKTHI

**Session-IV -- Parallel Session-III
21th October 2022 [2.30 PM–5.30 PM]**

TIME SLOT	TITLE/AUTHOR NAME
2.30 PM TO 2.50 PM	REMOTE PATIENT MONITORING SYSTEM USING IOT AND ARTIFICIAL INTELLIGENCE: A REVIEW MD AMEENUL HASAN, MEGHA.P.ARAKERI
2.50 PM TO 3.10 PM	DDOS ATTACK DETECTION USING OPTIMIZED BACK PROPAGATION NEURAL NETWORK WITH ARTIFICIAL PLANT OPTIMIZATION IN CLOUD COMPUTING M. ARUNADEVI, V. SATHYA
3.10 PM TO 3.30 PM	QCA-BASED SINGLE-BIT COMPARATOR CIRCUIT KUN ANJALIDEEP, HARSH KUMAR, SWARAJ SRIVASTAVA, VIJAY KUMAR SHARMA
3.30 PM TO 3.50 PM	BRAIN TUMOR DETECTION USING CONVOLUTION NEURAL NETWORK WITH DATA AUGMENTATION ERUKULLA VINAY KUMAR, SREEDHAR KOLLEM
3.50 PM TO 4.10 PM	IOT BASED SMART AGRICULTURE FARM MONITORING SYSTEM VIJAYA VARDAN REDDY S, B.JAISON, A.BALAJI, D. INDUMATHY, MALARVIZHI C, J.JOSELIN JEYA SHEELA
4.10 PM TO 4.30 PM	AN ADVANCED APPROACH FOR DETECTION OF DISTRIBUTED DENIAL OF SERVICE (DDOS) ATTACKS USING MACHINE LEARNING TECHNIQUES G.SUJATHA, YASH KANCHAL, GEOGEN GEORGE
4.30 PM TO 4.50 PM	HELMET DETECTION USING MACHINE LEARNING APPROACH VAISHALI, ASHWIN SHENOY M, PRANAM R BETRABET
4.50 PM TO 5.10 PM	IOT SMART PLUG BASED ON ESP8266 WI-FI CHIP ROHAN GARG, B DASTAGIRI REDDY
5.10 PM TO 5.30 PM	LOCATION INTELLIGENCE BASED SMART E-COMMERCE PLATFORM FOR RESIDENTIAL REAL-ESTATE INDUSTRY THARINDU BALASOORIYA, LAKINDU KAVISHKA, ISINI DANANJANA, MARYAM YUMNA, SAMANTHA THELIJAGODA, BUDDHIMA ATTANAYAKA, LANIL MARASINGHE