



5<sup>th</sup> International Conference on  
Inventive Computation Technologies  
ICICT 2022

Organized by

**Tribhuvan University, Nepal**

Conference Dates: 20-22, July 2022((GMT+5:45))

<b>Dates</b>	<b>Time</b>	<b>Program Schedule</b>	<b>Venue Details</b>
20.07.2022	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
21.07.2022	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	
22.07.2022	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**  
**20<sup>th</sup> July 2022 [10.30 am-1.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>10.30 AM TO 10.50 AM</b>	MODEL IDENTIFICATION AND CONTROLLER SIMULATION FOR DISTILLATION COLUMN SANDEEP KUMAR SUNORI, KAVITA AJAY JOSHI, SHWETA ARORA, MADAN MOHAN SATI, FARHA KHAN, AMIT MITTAL, PRADEEP JUNEJA
<b>10.50 AM TO 11.10 AM</b>	PROVABLY SECURE PSEUDONYMS BASED AUTHENTICATION PROTOCOL FOR WEARABLE UBIQUITOUS COMPUTING ENVIRONMENT VINCENT OMOLLO NYANGARESI
<b>11.10 AM TO 11.30 AM</b>	INVERSE REINFORCEMENT LEARNING VIA DEEP GAUSSIAN PROCESS FOR REACTIVE COLLISION AVOIDANCE IN DYNAMIC ENVIRONMENTS SAUGAT SHAHI, HEONCHEOL LEE
<b>11.30 AM TO 11.50 AM</b>	BLOCKCHAIN SOLUTIONS FOR COVID - POLICY ENFORCEMENT VERSUS FOOD SECURITY: A DEMONSTRATION OF CUSTOMIZABLE BENEFITS OF BLOCKCHAIN FOR E-GOVERNANCE AND E-BUSINESS SHIRI VIVEK, ROLIKA DALELA,
<b>11.50 AM TO 12.10 PM</b>	DEEP NEURAL NETWORK MODELS FOR DIAGNOSIS OF COVID-19 RESPIRATORY DISEASES BY ANALYZING CT-SCANS AND EXPLAIN-ABILITY USING TRAINED MODELS TAHSIN ISLAM, SHAHRIAR ABSAR, S.M. ALI IJTIHAD NASIF, SADMAN SAKIB MRIDUL
<b>12.10 PM TO 12.30 PM</b>	SELF-MOVING SEDIMENT REMOVAL OF WATER BODIES USING MACHINE LEARNING TECHNIQUES (AQUA REDEEMER) DHARANIKA.T, ABU THAHIR.M, GURUPRASAATH. A, ABISHAK.T, KAUTHAM.D.V
<b>12.30 PM TO 12.50 PM</b>	REPERCUSSION OF EXPRESSIONS IN FACIAL AGE ESTIMATION A.DEEPA, SASIPRABA.T
<b>12.50 PM TO 1. 10 PM</b>	IMAGE ENCRYPTION USING REVERSE DATA HIDING ALGORITHM WITH TRIPLE DES DIVYA VADLAMUDI, RAYAVARAPU JAYANTH KUMAR, CHERUKUMALLI NIKHIL SAI
<b>1. 10 PM TO 1.30 PM</b>	SOFT STARTING OF INDUCTION MOTOR USING MOSFET K.P. SURESH, ER. P. KALEESWARAN, E. MADHUMITHA, V. MEYVIGNESHWAR, K. MUGUNDHAN, P.PADMASELVI

**Session-I- Parallel Session-II**  
**20<sup>th</sup> July 2022 [10.30 am-1.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>10.30 AM TO 10.50 AM</b>	PREVENTION AND RETRIEVAL OF CHILDREN FROM BOREWELL USING ARDUINO AKHIL NAIR U, BABU R, BALAKRISHNAN M, DHANARAJA SEKAR S, K.LAKSHMI.
<b>10.50 AM TO 11.10 AM</b>	MPPT AND ANN BASED SOLAR TRACKING SYSTEM USING PHOTO DIODE SUN SENSOR SATHISH R, VINOD KUMAR D, JEYAGANESAN C
<b>11.10 AM TO 11.30 AM</b>	AUTO OPERATION AND MONITORING OF TRANSFORMER USING IOT APPLICATIONS SATHISH R, VINOD KUMAR D, MUTHUSAMI C
<b>11.30 AM TO 11.50 AM</b>	CERTAIN INVESTIGATION ON IMPEDANCE CONTROL OF HIGH SPEED SIGNALS IN PRINTED CIRCUIT BOARD SHAN A, V R PRAKASH
<b>11.50 AM TO 12.10 PM</b>	METHODOLOGY FOR LOW-COST SELF RECONFIGURATION PROCESS S.SARAVANAN, B.RAGAV RAJ KUMAR, S.RISHI KUMAR, R.SARUDHARSHINI, S.SHANKAR
<b>12.10 PM TO 12.30 PM</b>	MARITIME BORDER ALERT SYSTEM FOR FISHERMAN LIJO JACOB VARGHESE, A.SAKTHIVEL, J.K.SARAN KIRTHIC, S.SHARAN, R.SHRI PAVITHRA
<b>12.30 PM TO 12.50 PM</b>	ADVANCED PRE-AMBULANCE DETECTION SYSTEM OF AUTOSTRETCHER MOTION TO ICU WARD G.SUKANYA, V. MANIMEGALAI, S. SUDHAKAR, M. NANDHINI, D. SUMITHRA, M. MANIVENKAT RAJ
<b>12.50 PM TO 1. 10 PM</b>	LOAD SHARING BACKUP BATTERY IN ELECTRIC VEHICLE USING PV ARRAY A.ELAKYA, V.SHEEBA, R.THARANI, M.SWETHA, A.WILSON THOMAS
<b>1. 10 PM TO 1.30 PM</b>	DESIGN OF SOLAR PV EMULATOR USING RASPBERRY PI CONTROLLER ABHISHEK.R.S, DHANUS KANTH A, HARIHARAN S, HARIHARASUDHAN S, S.SARAVANAN

**Session-I- Parallel Session-III**  
**20<sup>th</sup> July 2022 [10.30 am-1.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>10.30 AM TO 10.50 AM</b>	MULTI SOURCE BASED BATTERY CHARGING AND CUTOFF SYSTEM SOPHIA JASMINE G, MAGDALIN MARY G, KUMAR C, LOHITH RAJ S, NAFICA PARVEEN M, NESHAN T, KARTHIKEYAN K
<b>10.50 AM TO 11.10 AM</b>	COMPUTING SURVEY ASSESSING DIGITAL BUSINESS STATUS: SIMAON'S PRADU HANG DAM THAI NATIVE CHICKEN FARM YASINEE CHAKRABANDHU, SUWIT CHOTINUN, PORNCHAI RACHTANAPUN, CHALALAI JAISAN, SUPHAT PHONGTHAI, PHATTHRANIT KLINMALAI, SIRIWAT JINSIRIWANIT, THANAPONG CHAICHANA
<b>11.10 AM TO 11.30 AM</b>	ADVANCED CO2 BALL EQUIPPED FIRE EXTINGUISHING UNMANNED AERIAL VEHICLE SWAPNA.P, AISWARYA.T, ARAVINTHAN.V, ARUN KUMAR.S, KARTHIKEYAN.S
<b>11.30 AM TO 11.50 AM</b>	AN UPGRADED BIDIRECTIONAL T-TYPE MULTILEVEL INVERTER FOR ELECTRIC VEHICLE APPLICATIONS P.LENIN PUGALHANTHI, BALAJI.S, HARI KRISHNA.G, BHARATH.R, KISHORE.S
<b>11.50 AM TO 12.10 PM</b>	EVALUATION OF THREE-PHASE AND SINGLE-PHASE FAILURE SFCL AND DVR MECHANISMS M. SIVA RAMKUMAR, A. AMUDHA, G. EMAYAVARAMBAN, K. BALACHANDER, VIJAYAKANTH S, GUNASEKARAN M, DHILIPKUMAR B
<b>12.10 PM TO 12.30 PM</b>	LARGE SCALE GRID CONNECTED SYSTEM ANALYSIS FOR HYBIRD POWER GENERATION AND STORAGE POWER MANAGEMENT SYSTEM A. AMUDHA, M. SIVA RAMKUMAR , K. BALACHANDER, G. EMAYAVARAMBAN, MANIKANDAN S, RAGUL M, SARAVANA KUMAR S, SATHEESH KUMAR R
<b>12.30 PM TO 12.50 PM</b>	A WEARABLE SAFTEY DEVICE FOR WOMEN USING IOT PRIYA C,RAMYA C NARESH, MOHIT, MEAGER PRAVIN , AKKASH
<b>12.50 PM TO 1. 10 PM</b>	DESIGN AUTOMATION OF TWO-STAGE OPERATIONAL AMPLIFIER USING MULTI-OBJECTIVE GENETIC ALGORITHM AND SPICE FRAMEWORK PURVI DAS AND BABITA JAJODIA
<b>1. 10 PM TO 1.30 PM</b>	CAREER CHOICE USING MACHINE LEARNING ALGORITHMS BORRA HARSHA, NAGELLA SANKEERTHANA, NANDETI SRAVANTHI, SUNEETHA MANNE



**Session-I- Parallel Session-IV**  
**20<sup>th</sup> July 2022 [10.30 am-1.30 pm]**

TIME SLOT	TITLE/AUTHOR NAME
<b>10.30 AM TO 10.50 AM</b>	AN IMPLEMENTATION AND EVALUATION OF BLOCKCHAIN-BASED DIGITAL HEALTH PASSPORTS AJAY BANDI, AZIZ FELLAH

**Session-II -- Parallel Session-I**  
**20<sup>th</sup> July 2022 [2.30 pm–5.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>2.30 PM TO 2.50 PM</b>	TWO-LEVEL FILTERING METHOD WITH EXTENDED LASSO AND INFORMATION GAIN IN MICROARRAY DATA ANALYSIS SARVANI A., MADHAVI REDDY Y., LAVANYA KAMPA
<b>2.50 PM TO 3.10 PM</b>	HOPE SPEECH DETECTION IN TAMIL AND ENGLISH LANGUAGE MEDICHARLA DINESH SURYA SAI ESWAR, NANDHINI BALAJI, VEDULA SUDHANVA SARMA, YARLAGADDA CHAMANTH KRISHNA, THARA S
<b>3.10 PM TO 3.30 PM</b>	BANGLA FONT RECOGNITION USING TRANSFER LEARNING METHOD MD. SAKIBUL HASAN, GOLAM RABBI, REJOAN ISLAM, MD. HASAN IMAM BIJOY, MD. AZIZUL HAKIM
<b>3.30 PM TO 3.50 PM</b>	COMPARATIVE STUDY ON VARIOUS LOW CODE BUSINESS PROCESS MANAGEMENT PLATFORMS N. KRISHNARAJ, R. VIDHYA, R. SHANKAR, N. SHRUTHI
<b>3.50 PM TO 4.10 PM</b>	A REVIEW - ML AND DL CLASSIFIERS FOR EMOTION DETECTION IN AUDIO AND SPEECH DATA YOGESHKUMAR J PRAJAPATI, PRIYESH P. GANDHI, SHESHANG DEGADWALA
<b>4.10 PM TO 4.30 PM</b>	AN IMPROVED CHATBOT FOR MEDICAL ASSISTANCE USING MACHINE LEARNING ACHUTHAN. S, BALAJI. S, THANUSH. B, R. RESHMA
<b>4.30 PM TO 4.50 PM</b>	DIFFERENTIAL EVOLUTION BASED COMPRESSION OF CNN FOR APPLE FRUIT DISEASE CLASSIFICATION MOHIT AGARWAL, ROHIT KR KALIYAR AND SUNEET KR GUPTA
<b>4.50 PM TO 5.10 PM</b>	AUDIOBOOKS THAT CONVERTS TEXT, IMAGE, PDF-AUDIO & SPEECH-TEXT FOR PHYSICALLY CHALLENGED & IMPROVING FLUENCY KURRA SANTHI SRI, CHENNUPATI MOUNIKA, KOLLURU YAMINI
<b>5.10 PM TO 5.30 PM</b>	HIERARCHICAL K-MEANS CLUSTERING METHOD FOR FRIEND RECOMMENDATION SYSTEM ANJU TAIWADE, NITISH GUPTA, RAKESH TIWARI, SHASHI KUMAR JAIN, UPENDRA SINGH



**Session-II -- Parallel Session-II**  
**20<sup>th</sup> July 2022 [2.30 pm–5.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>2.30 PM TO 2.50 PM</b>	PRIVACY PRESERVATION OF MEDICAL HEALTH RECORDS USING SYMMETRIC BLOCK CIPHER AND FREQUENCY DOMAIN WATERMARKING TECHNIQUES DHARMIKA B, HARITHA D, CH. RUPA, VINEETHA Y
<b>2.50 PM TO 3.10 PM</b>	ANALYSIS OF NOXIOUS COMMENTS USING MACHINE LEARNING ALGORITHMS R RAHUL, REDDYGARI VARUN KUMAR REDDY, MURLIDHAR MOURYA
<b>3.10 PM TO 3.30 PM</b>	PREDICTION OF DELAYED TRAUMA FOLLOWING AN ISCHEMIC STROKE USING COMPARATIVE MACHINE LEARNING STUDY SAKSHI MHATRE, MEGHA TRIVEDI, MANASVI MHATRE
<b>3.30 PM TO 3.50 PM</b>	SOFTWARE DEFECT PREDICTION BASED ON MACHINE LEARNING AND DEEP LEARNING PRATHYUSHA TADAPANENI, NAGA CHANDANA NADELLA, MUDILI DIVYANJALI, Y.SANGEETHA
<b>3.50 PM TO 4.10 PM</b>	CLASSIFICATION OF MARINE VESSELS USING DEEP LEARNING MODELS BASED ON SAR IMAGES ANEESH REDDY SANNAPU, PADMALAYA NAYAK, SHIVA KESHAVA G, UPPALA RISHIK CHARAN, KRISHNAM NAIDU S
<b>4.10 PM TO 4.30 PM</b>	HR BASED CHATBOT USING DEEP NEURAL NETWORK RACHANA.T.V ,VISHWAS H.N ,PRIYANKA C.NAIR
<b>4.30 PM TO 4.50 PM</b>	CLASSIFICATION AND COMPARISON STUDY OF RICE PLANT DISEASES USING PRE-TRAINED CNN MODELS RAJA KRISHNA VAMSEE KONGARA, VENKATA SIVA CHARAN SOMASILA, NALLAMOLU REVANTH, RAMA DEVI POLAGANI
<b>4.50 PM TO 5.10 PM</b>	O-RDHF: OPTIMIZED REVERSIBLE DATA HIDING FRAMEWORK FOR MEDIA INFORMATION SECURITY MANJUNATH KAMATH. K, R SANJEEV KUNTE
<b>5.10 PM TO 5.30 PM</b>	TRUST IN CLOUD:PERSPECTIVE FROM ACCESS CONTROL MODELS AND MACHINE LEARNING-A DETAILED STUDY S.T.BHARATHI, C.BALA SUBRAMANIAN

**Session-II -- Parallel Session-III**  
**20<sup>th</sup> July 2022 [2.30 pm–5.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>2.30 PM TO 2.50 PM</b>	NEARPOD AS A GAMIFICATION RESOURCE FOR TEACHING IN VIRTUAL EDUCATION: A MATHEMATICAL CASE STUDY SILVIA ELIZABETH FREIRE ESPÍN, DIEGO MARCELO RODRÍGUEZ CORTEZ
<b>2.50 PM TO 3.10 PM</b>	SOUND CLASSIFICATION USING DEEP LEARNING FOR HARD OF HEARING AND DEAF PEOPLE MD. ADNAN HABIB, ZARIF RAIYAN AREFEEN, ARAFAT HUSSAIN, S.M.ROWNAK SHAHRIYER, TANZID ISLAM, RAFEED RAHMAN, MOHAMMAD ZAVID PARVEZ
<b>3.10 PM TO 3.30 PM</b>	MOBILE TOURISM, THE USE OF QR CODES AND THE DIVERSIFICATION OF THE TOURIST OFFER ANGÉLICA GONZÁLEZ-SÁNCHEZ, MARLENE CORONEL- GRADOS, CRISTINA VILLACÍS-MEJÍA, LUIS LUDEÑA- VILLACÍS
<b>3.30 PM TO 3.50 PM</b>	IMAGE PROCESSING TECHNIQUES IN THE DETECTION OF HEMORRHAGES IN RETINAL IMAGES (STARE & DRIVE) M. PADMAPRIYA, V.PUNITHA, S. PASUPATHY
<b>3.50 PM TO 4.10 PM</b>	FPGA IMPLEMENTATION OF HIGH PERFORMANCE PRECISE SIGNED AND UNSIGNED MULTIPLIER USING TERNARY 6-LUT ARCHITECTURE PALLE MAHENDRA, RAMESH S R
<b>4.10 PM TO 4.30 PM</b>	EMOTION RECOGNITION USING NONVERBAL CUES DUDLA V JOSHITA LAVANYA, VEMULA BHARGAVI, GADDALA MADHU PRIYA, MANDE RAMESH
<b>4.30 PM TO 4.50 PM</b>	A PASSWORD SECURE MECHANISM USING REFORMATION-BASED HONEY ENCRYPTION AND DECRYPTION NIRMALRAJ T, J.JEBATHANGAM
<b>4.50 PM TO 5.10 PM</b>	MULTI-LINGUAL META EMBEDDINGS IN LINCE DATA SET T RAVI TEJA, THARA S, K SAI RAHUL AND R DINESH KUMAR REDDY
<b>5.10 PM TO 5.30 PM</b>	DETECTION OF TUBERCULOSIS USING MACHINE LEARNING TECHNIQUES AND IMAGE PREPROCESSING RUBEENA RUSTUM, G.CHARLES BABU, P.PRAVEEN, V.LAKSHMI, TABITHA INDUPALLI, A.SOWJANYA



**Session-III -- Parallel Session-I  
21<sup>th</sup> July 2022 [10.30 am to 1.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>10.30 AM TO 10.50 AM</b>	PIVOT BASED SEED GERMINATION ASSESSMENT (PBSGA) PATTERN FOR GERMINATION QUALITY ANALYSIS M. RUDRA KUMAR, AVINASH SHARMA, K SREENIVASULU, G. RAMESH
<b>10.50 AM TO 11.10 AM</b>	MOISTURE, RETENTION AND COLOR CONTROL STRATEGY IN A PAPER MILL – A REVIEW PRADEEP KUMAR JUNEJA, PARVESH SAINI, ASHUTOSH DIXIT, NIHARIKA VARSHNEY, SANDEEP KUMAR SUNORI
<b>11.10 AM TO 11.30 AM</b>	RESUME SCREENING USING NLP AND LSTM S BHARADWAJ, RUDRA VARUN, POTUKUCHI SREERAM ADITYA, MACHERLA NIKHIL, G.CHARLES BABU
<b>11.30 AM TO 11.50 AM</b>	GENDER STEREOTYPES REPRESENTED IN THE AUDIOVISUAL NARRATIVE OF THE SERIES "YOU" JERI-CONDORI, NATALY SILVANA, VILLANUEVA-PASTRANA, ENZO JAVIER, TURRIATE-GUZMÁN, ADRIANA MARGARITA
<b>11.50 AM TO 12.10 AM</b>	RF ENERGY HARVESTING SYSTEM: DESIGN OF ANTENNA, RECTENNA, AND IMPROVING RECTENNA CONVERSION EFFICIENCY MAYUR RELE, DIPTI PATIL
<b>12.10 AM TO 12.30 PM</b>	IMPLEMENTATION OF AN ACTIVE NOISE CANCELLATION TECHNIQUE USING DEEP LEARNING AKARSH S. M., RAJASHEKAR BIRADAR, PRASHANTH V JOSHI
<b>12.30 PM TO 12.50 PM</b>	DEVELOPMENT OF BLOCKCHAIN IN SMART GRID USING IOT JASRIN SHIDDIKE, AFSANA AHMED, MOHAMMAD FARSHID, PRAPTY DAS OAISHE
<b>12.50 PM TO 1.10 PM</b>	MACHINE LEARNING ON WEB: SKIN LESION CLASSIFICATION USING CNN SENTHIL KUMAR R, AMARJEET SINGH, SPARSHA SRINATH, VISHAL ARASU, NIMAL KURIAN THOMAS
<b>1.10 PM TO 1.30 PM</b>	A SECURE AND EFFICIENT LOCATION BASED ROUTING TO MAXIMIZE THE LIFETIME OF MANET HEMALATHA.M, M.MOHANRAJ

**Session-III -- Parallel Session-II**  
**21<sup>th</sup> July 2022 [10.30 am to 1.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>10.30 AM TO 10.50 AM</b>	DETECTION OF DEFECTED MAIZE LEAF USING IMAGE PROCESSING TECHNIQUES ARABINDA DASH, PRABIRA KUMAR SETHY
<b>10.50 AM TO 11.10 AM</b>	NEAR FIELD COMMUNICATION BASED SMART AUGMENTED REALITY SYSTEM CHAITANYA KUMAR A, ISHWARA PRABHU S , JEGADEESHWARAN T, AND GUGA PRIYA G
<b>11.10 AM TO 11.30 AM</b>	HYBRID FEATURE SET BASED MITOTIC DETECTION IN BREAST HISTOPATHOLOGY IMAGES DEEPAK NAIK M V, ADARSH S, SREEKUMAR VIJAYAKUMAR, ABHAY P NAMBIAR AND LEKHA S NAIR
<b>11.30 AM TO 11.50 AM</b>	CLASSIFYING SPEECH INTO OFFENSIVE AND HATE CATEGORIES ALONG WITH TARGETED COMMUNITIES USING MACHINE LEARNING APOORV ADITYA, RITHWIK VINOD, ASHISH KUMAR, ISHAN BHOWMIK, AND J. SWAMINATHAN
<b>11.50 AM TO 12.10 AM</b>	ENERGY EFFICIENT CLOUD TASK SCHEDULING POLICY USING VIRTUAL MACHINE CONCEPT AND VMRRU TECHNIQUE RUCHI SONI, NEETESH GUPTA
<b>12.10 AM TO 12.30 PM</b>	ANALYSIS OF DC MOTOR SPEED CONTROL AND INTERFACING IT WITH DROWSINESS DETECTION ATHARVA SULAKHE, ARJEET ANAND, AKSHWIN KISORE, NANDHA KISHORE R B, MALAYAKUMAR HOTA
<b>12.30 PM TO 12.50 PM</b>	HEIGHT AND WEIGHT ESTIMATION OF AN INDIVIDUAL FROM VIRTUAL VISUALS SAIRAM MAGANTI, PRANAI SRI B, MAHIDHAR YALAMANCHILI, AND SUMESH K J
<b>12.50 PM TO 1.10 PM</b>	ENHANCING UNPAIRED UNDERWATER IMAGES WITH CYCLE CONSISTENT NETWORK SRIGOWRI M V
<b>1.10 PM TO 1.30 PM</b>	AN EFFICIENT CLIPPING METHOD FOR PAPR REDUCTION IN OFDM SYSTEMS VIJAYA KUMAR PADARTI, CHANDINI DASARI, P V VENU GOPAL DOKALA, VENKATA SRAVYA CHOWTAPALLI, L V RAMA KOWSHIK AVULA

**Session-III -- Parallel Session-III**  
**21<sup>th</sup> July 2022 [10.30 am to 1.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>10.30 AM TO 10.50 AM</b>	SUSTAINABILITY OF ELECTRIC VEHICLE IN INDIA RAJKUMAR KAUSHIK, CHIRAG ARORA, SHILPA SONI, NEHA KUMARI, ANCHAL SWAMI, RAHUL PRAJAPATI
<b>10.50 AM TO 11.10 AM</b>	A STUDY ON MACHINE LEARNING BASED DIABETIC RETINOPATHY M D SHREYAS, ASHA RANI K P, GOWRISHANKAR S
<b>11.10 AM TO 11.30 AM</b>	POTENTIAL APPLICATIONS OF FUZZY LOGIC CONTROLLER IN THE PULP AND PAPER INDUSTRY – A REVIEW PRADEEP KUMAR JUNEJA, SANDEEP KUMAR SUNORI, MEHUL MANU, PRIYANKA JOSHI, SOMESH SHARMA, PRAKASH GARIA, AMIT MITTAL
<b>11.30 AM TO 11.50 AM</b>	TRANSFORM BASED LIGHTWEIGHT CNN MODELS FOR IMAGE CLASSIFICATION SRIJITH M NAIR AND GEETHA M
<b>11.50 AM TO 12.10 AM</b>	FLIP60-CARING FOR ELDERNS AN ANDROID BASED APPLICATION PASUPUNOOTI SRI HARIKA, MUTHYALA LALITHA SRI, MOVVA MANISH SRINIVAS, POLEPAKA ROHIT, LAXMI KALYANI
<b>12.10 AM TO 12.30 PM</b>	AUTOMOBILE PRICE PREDICTION USING REGRESSION MODELS RUPESH GUPTA, AVINASH SHARMA, VATSALA ANAND, SHEIFALI GUPTA
<b>12.30 PM TO 12.50 PM</b>	FNDIP: FAKE NEWS DETECTION ON SOCIAL MEDIA USING INCOMPATIBLE PROBABILISTIC METHOD ROHIT KUMAR KALIYAR, ANURAG GOSWAMI, MOHIT AGRAWAL
<b>12.50 PM TO 1.10 PM</b>	INTEGRATED PLATFORM FOR PATIENT ABNORMALITY DETECTION THROUGH GEM ENABLED DEEP TRANSNET R. VAJUBUNNISA BEGUM, K. DHARMARAJAN
<b>1.10 PM TO 1.30 PM</b>	SHILLING ATTACK DETECTION SYSTEM FOR ONLINE RECOMMENDERS J. R.V. JENY, R. SOWMYA, G. SAI KIRAN, M. KIRAN BABU, CH. ARJUN

**Session-IV -- Parallel Session-I**  
**21<sup>th</sup> July 2022 [2.30 pm–5.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>2.30 PM TO 2.50 PM</b>	WATERMARK BASED IMAGE AUTHENTICATION USING INTEGER WAVELET TRANSFORM BIBEK RANJAN GHOSH, SIDDHARTHA BANERJEE, JYOTSNA KUMAR MANDAL
<b>2.50 PM TO 3.10 PM</b>	PROJECTIVE SYNCHRONIZATION OF UNCERTAIN CHAOTIC SYSTEMS WITH DIFFERENT DIMENSIONS AND EXTERNAL NOISE DISTURBANCE NISHA YADAV AND HIMESH HANDA
<b>3.10 PM TO 3.30 PM</b>	A CIRCULAR MICROSTRIP ANTENNA FOR K BAND APPLICATIONS BANUPRAKASH.R, MANUSHREE N, SUBHIKSHA AP , WADHWA SIMRAN DEEPAK
<b>3.30 PM TO 3.50 PM</b>	DESIGN AND IMPLEMENTATION OF A RESCUE AND SURVEILLANCE ROBOT USING CROSS PLATFORM APPLICATION P JEEVAN NARAYANA RAJU, VENKATA GAURAV PAMPANA, VIKRANTH PANDALANENI, G GUGAPRIYA, AND CHANTHINI BASKAR
<b>3.50 PM TO 4.10 PM</b>	HYPER-TUNED ENSEMBLE MACHINE LEARNING MODEL FOR CREDIT CARD FRAUD DETECTION BHOLESHWAR PRASAD VERMA, VIJAYANT VERMA, ABHISHEK BADHOLIA
<b>4.10 PM TO 4.30 PM</b>	MEAN-SHIFT AND LOCAL OUTLIER FACTOR-BASED ENSEMBLE MACHINE LEARNING APPROACH FOR ANOMALY DETECTION IN IOT DEVICES AMIT KUMAR GULHARE, ABHISHEK BADHOLIA, AND ANURAG SHARMA
<b>4.30 PM TO 4.50 PM</b>	DESIGN OF VOICE CONTROLLED MULTIFUNCTIONAL COMPUTER NUMERICAL CONTROL (CNC) MACHINE GAYATHRI. N, SUNDAR. M, SARGURUNATHAN. R, SUDHARSAN. R, SAJITH A
<b>4.50 PM TO 5.10 PM</b>	COMPARATIVE ANALYSIS OF EPILEPSY PREDICTION USING MACHINE LEARNING AND DEEP LEARNING Y. SAI CHANDU, SHAIK. FATHIMABI
<b>5.10 PM TO 5.30 PM</b>	ANXIETY DETECTION IN PATIENTS LIKHITA CHOWDARY KONERU, ROUTHU RAMYA DEDEEPPYA, ANGADI LAKSHMI, AND DR.G KRANTHI KUMAR

**Session-IV -- Parallel Session-II**  
**21<sup>th</sup> July 2022 [2.30 pm–5.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>2.30 PM TO 2.50 PM</b>	STORE-SALES FORECASTING MODEL TO DETERMINE INVENTORY STOCK LEVELS USING MACHINE LEARNING AKANKSHA, DEVESH YADAV, DEEPAK JAISWAL, ASHWANI, ASHUTOSH MISHRA
<b>2.50 PM TO 3.10 PM</b>	PERFORMANCE ANALYSIS OF ELECTRONIC-CERTIFICATE GENERATION AND VERIFICATION USING BLOCKCHAIN AND INTERPLANETARY FILE SYSTEM MANJULA K PAWAR, PRAKASHGOUD PATIL, RIDHAM SAWHNEY, PREM GUMATHANAVAR, SHRADDHA HEGDE, KAVYA MAREMMAGOL
<b>3.10 PM TO 3.30 PM</b>	HYBRID FEATURE SELECTION USING SHAPLEY VALUE AND RELIEFF FOR MEDICAL DATASETS NEESHA JOTHI, SHARIFAH MASHITA SYED-MOHAMED, HESHALINI RAJAGOPAL
<b>3.30 PM TO 3.50 PM</b>	A CONVOLUTIONAL AUTOENCODER BASED KEYWORD SPOTTING IN HISTORICAL HANDWRITTEN DEVANAGARI DOCUMENTS SUSHMA S. N, SHARADA B
<b>3.50 PM TO 4.10 PM</b>	PERFORMANCE ASSESSMENT OF SIMULINK BASED SPEECH RADIO BAND EXTENSION TECHNIQUE ON ELDERLY PEOPLE R. PRAVEEN KUMAR EMANI, PITCHAIAH TELAGATHOTI, PRASAD N
<b>4.10 PM TO 4.30 PM</b>	AN EXPERIMENTAL STUDY OF PARALLELISM IN DIFFERENT PYTHON FRAMEWORKS JEROME JOSEPH T, J. SWAMINATHAN
<b>4.30 PM TO 4.50 PM</b>	TOMATO LEAF DISEASE DETECTION USING IMAGE PROCESSING M. SENTHAMIL SELVI, S. JANSI RANI, A. NISHA, K. SNEKA
<b>4.50 PM TO 5.10 PM</b>	DRIVER ASSISTANT SYSTEM USING YOLO V3 AND VGGNET S. JANSI RANI, A V VEDHA MUKUND, S UTHIRAPATHI ESWARAN, M VIDUL
<b>5.10 PM TO 5.30 PM</b>	BLOCKCHAIN ADHERENCE TO SYSTEM RELIABILITY AND SECURITY NILTON PAULO RAIMUNDO MENDES, JORGE RADY DE ALMEIDA JÚNIOR



**Session-IV -- Parallel Session-III**  
**21<sup>th</sup> July 2022 [2.30 pm–5.30 pm]**

<b>TIME SLOT</b>	<b>TITLE/AUTHOR NAME</b>
<b>2.30 PM TO 2.50 PM</b>	(LISACMT) LANGUAGE IDENTIFICATION AND SENTIMENT ANALYSIS OF ENGLISH-URDU 'CODE-MIXED' TEXT USING LSTM GAZI IMTIYAZ AHMAD, JIMMY SINGLA
<b>2.50 PM TO 3.10 PM</b>	CATBOOST AND GENETIC ALGORITHM IMPLEMENTATIONS FOR UNIVERSITY RECOMMENDATION SYSTEMS M.G.CHRISTOPHER, JIBY MARIA JOSE, MUHAMMED NIHAL.K.V, TIJO THOMAS, RUMAISE, SHAJULIN BENEDICT
<b>3.10 PM TO 3.30 PM</b>	BREAST CANCER CLASSIFICATION USING ENSEMBLE OF MACHINE LEARNING BOOSTING ALGORITHMS MD. KAMRUL HASAN,AND MD. TASNIM JAWAD
<b>3.30 PM TO 3.50 PM</b>	TOR VS YGGDRASIL: A COMPARATIVE STUDY KUSHAL KOTHARI, TEJAL PALWANKAR, AYUSH DUBEY, PRIYA PARATE
<b>3.50 PM TO 4.10 PM</b>	STAGE WISE PREDICTION OF COVID -19 PNEUMONIA FROM CT IMAGES USING VGG-16 AND SVM BIPIN NAIR B J, AKASH S, SMARAN R, HEMANTH V, SATVIK BHAT
<b>4.10 PM TO 4.30 PM</b>	AN EFFECTIVE LONG SHORT-TERM MEMORY BASED- DRIVER IDENTIFICATION IN ITS ANKIT MANDERNA, SUSHIL KUMAR
<b>4.30 PM TO 4.50 PM</b>	PLANT DISEASES DETECTION USING CONVOLUTIONAL NEURAL NETWORK D.RAMESH REDDY, SANTHOSH KUMAR, DR. PRAKASH KODALI
<b>4.50 PM TO 5.10 PM</b>	MITIGATION OF VOLTAGE AND CURRENT HARMONICS USING MODIFIED IC BASED MPPT CONTROLLER AND LCL FILTER IN A GCSPV SYSTEM SIDDESHGOWDA S, M H SIDRAM
<b>5.10 PM TO 5.30 PM</b>	ELECTROENCEPHALOGRAPHY (EEG) BASED HOME AUTOMATION FOR PHYSICALLY CHALLENGED PEOPLE USING BRAIN COMPUTER INTERFACE (BCI) LAVANYA LANKA, DILEEP KUMAR DHULIPALLA, SUZAN BLESSY KARUMURU, NIKHIL SAI YARRAMANENI, VENKATA RAO DHULIPALLA