

**5TH INTERNATIONAL CONFERENCE ON
INVENTIVE COMMUNICATION AND COMPUTATIONAL
TECHNOLOGIES**

ICICCT 2021

Conference Dates: 25-26 June 2021

**Organized by: Gnanamani College of Technology,
Namakkal, India**

SCHEDULE FOR PRESENTATION

25th June 2021

9.15 am-10.15 am-Inauguration & Keynote
Address

10.15am-10.30 am-Tea Break

10.30am-12.30 pm-Session I

12.30pm-1.30 pm-Lunch Break

01.30pm-03.30 pm-Session II

3.30pm - 3.45pm - Session Break

03.30pm-05.30 pm-Session III

4.00pm-5.00pm - Valedictory Function

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-I - Parallel Session-I
25th June 2021 || 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 AM TO 10.45 AM	ANALYSIS AND IMPLEMENTATION OF LESS DELAY AND LOW AREA DT MULTIPLIER J.N.SWAMINATHAN, J.AMBUJAM, V.MADHAVA REDDY, P.MAHESH, CH.HARIKA, P.KEERTHI, B.KEERTHI AND B.AKSA
10.45 AM TO 11.00 AM	AN EXPLORATION ON FEATURE EXTRACTION AND CLASSIFICATION TECHNIQUES FOR DYSPHONIC SPEECH DISORDER IN PARKINSON'S DISEASE S.SHARANYAA, DR.P.N RENJITH, AND DR.K.RAMESH
11.00 AM TO 11.15 AM	INTELLIGENT RECOMMENDER SYSTEM BASED ON DEEP LEARNING FOR RECOGNITION OF COVID-19 FROM LUNGS RADIOGRAMS MANISH ASSUDANI AND NEERAJ SAHU
11.15 AM TO 11.30 AM	GENERATION OF STRUCTURED QUERY LANGUAGE FROM NATURAL LANGUAGE USING RECURRENT NEURAL NETWORKS LUBNA MOHAMMED KUNHI AND JYOTHI SHETTY
11.30 AM TO 11.45 AM	MACHINE LEARNING AND DEEP LEARNING APPROACHES FOR INTRUSION DETECTION: A COMPARATIVE STUDY G PRETHIJA, JEEVAA KATIRAVAN
11.45 AM TO 12.00 PM	IMPROVING TEXT CLASSIFIERS THROUGH CONTROLLED TEXT GENERATION USING TRANSFORMER WASSERSTEIN AUTOENCODER HARIKRISHNAN C AND DHANYA N M
12.00 PM TO 12.15 PM	TOPOLOGICAL ANALYSIS OF CUBE BASED AND LINEARLY EXTENSIBLE NETWORKS USING MATLAB FAIZAN NASIR , ABDUS SAMAD, JAMSHED SIDDIQUI
12.15 PM TO 12.30 PM	IMPLEMENTATION OF RULE BASED TESTING FOR DIGITAL CIRCUITS USING INDUCTIVE LOGIC PROGRAMMING SHUBHANGEE KISHAN VARMA, DR. VANITA AGARWAL, DR. ASHOK CHANDAK

Session-I - Parallel Session-II
25th June 2021 || 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 AM TO 10.45 AM	COMMUNICATION FRAMEWORK FOR REAL-TIME MONITORING OF A SMART GRID EMULATOR SARATH T. V, SIVRAJ P., AND SASI K. KOTTAYIL
10.45 AM TO 11.00 AM	DOE TO IDENTIFY THE MOST IMPORTANT FACTORS TO ENHANCE THE EFFICIENCY OF REACTIVE ROUTING PROTOCOLS IN MANETS PATTISAPU MANIKANTA MANOHAR, DUSI VENKATA DIVAKARA RAO
11.00 AM TO 11.15 AM	IOT- BASED SMART STREET LIGHT CONTROL APPLICATION FOR SMART CITIES MR. MUNESHWARA M.S, MRS. SWETHA M S, MR. ANAND R, DR PUSHPA S K, DR. MANJUNATH T N
11.15 AM TO 11.30 AM	RECOGNITION OF FACIAL EXPRESSION USING HAAR CASCADE CLASSIFIER AND DEEP LEARNING PREMALADHA J, SURENDRA REDDY M, HEMANTH KUMAR REDDY T, SRI SAI CHARAN Y , NIRMALA V
11.30 AM TO 11. 45 PM	HURDLE DODGING ROBOT USING LIDAR WITH A BUILT- ON GAS DETECTION SYSTEM RAGAVENDRA B M, GOGUL SRIMAN R , SAI GANESH H, SAILESWAR K S, SANTHANAKRISHNAN R, RAJESH C B
11.45 AM TO 12.00 PM	IMPLEMENTATION OF THE MODIFIED PRE-TRAINED DENSENET MODEL FOR THE CLASSIFICATION OF GRADES OF THE DIABETIC RETINOPATHY. NITIN SHIVSHARAN AND SANJAY GANORKAR
12.00 PM TO 12.15 PM	PERFORMANCE ANALYSIS OF FILTER BANK MULTICARRIER SYSTEM FOR 5G NETWORKS DR.I.S.AKILA, ELAKKIYA.C, MOHANAPRIYA.M,NIVEDHA.B, YADHAARSHINI.S
12.15 PM TO 12.30 PM	CHALLENGING THE NETWORK PRIVACY OF BEAKER BROWSER AISHVARYA NAIR, AMRITHA P. P, AND SARMA V

Session-I - Parallel Session-III
25th June 2021 || 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 AM TO 10.45 AM	DISTRIBUTED IDENTITY AND VERIFIABLE CLAIMS USING ETHEREUM STANDARDS AJU MATHEW THOMAS, RAMAGURU R, AND SETHUMADHAVAN M
10.45 AM TO 11.00 AM	TRANSFIGURING HANDWRITTEN TEXT AND TYPEWRITTEN TEXT M. KEERTHANA, P. HIMA VARSHINI, K. SRI THANVI, G. VIJAYA, V. DEEPA
11.00 AM TO 11.15 AM	SMART HOME WITH CONDITION MONITORING NARENDRAN P, VYSHNAVI REDDY, SREELEKSHMI SAJU, SURIYA L U, V RAVIKUMAR PANDI
11.15 AM TO 11.30 AM	DEVELOPING A SMART SYSTEM FOR REDUCING TRAFFIC CONGESTION NASWSHEEN TARANNUM PROMY, PROTEETI PROVA RAWSHAN, MD. MAHFUJUL ISLAM, MUHMAD NAZUL
11.30 AM TO 11. 45 PM	META HEURISTICS –FIREFLIES CORRELATED ALGORITHM FOR OPTIMIZED ROUTING IN MANETS ILANGO M, DR. SENTHIL KUMAR A V, DR. BINOD KUMAR
11.45 AM TO 12.00 PM	MACHINE TRANSFER LEARNING DEEP SOFTMAX REGRESSION NEURAL NETWORK FOR IMAGE CLASSIFICATION G.D.PRAVEENKUMAR, DR. DHARMALINGAM MUTHUSAMY
12.00 PM TO 12.15 PM	A PROFOUND DEEP LEARNING APPROACH FOR DETECTION SYSTEM IN NETWORK DATA DR. N.RAGHAVENDRA SAI ,MR.T. RAVI KUMAR,MR.S.SANDEEP KUMAR,MR.A.PAVAN KUMAR,DR.M.JOGENDRA KUMAR
12.15 PM TO 12.30 PM	HAND GESTURE CONTROLLED CONTACTLESS ELEVATOR G. SAI PRAVALLIKA, M. LAKSHMI AKHILA, M. DIVYA, T.MADHUBABU, G. KRANTHI KUMAR

Session-II || Parallel Session-I
25th June 2021 || 1.30am-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 PM TO 1.45 PM	DESIGN OF A HIGH SPEED BINARY COUNTER USING A STACKING CIRCUIT DEVIKA C, J P ANITA
1.45 PM TO 2.00 PM	FEATURE LEVEL FUSION OF MULTIMODAL BIOMETRIC FOR INDIVIDUAL IDENTIFICATION BY TRAINING A DEEP NEURAL NETWORK B.NITHYA, P.SRIPRIYA
2.00 PM TO 2.15 PM	DESIGN OF MULTISTAGE COUNTERS USING LINEAR FEEDBACK SHIFT REGISTER NEETHU B NAIR, J P ANITA
2.15 PM TO 2.30 PM	MACHINE LEARNING BASED AND RECONFIGURABLE ARCHITECTURE WITH A COUNTERMEASURE FOR SIDE CHANNEL ATTACKS BABU ILLURI, DEEPA JOSE, SHIELA DAVID, NAGARJUAN.M
2.30 PM TO 2.45 PM	AUTONOMOUS SCHEDULING AND DISTRIBUTED GRAPH ROUTING ALGORITHM (ASDGRA) FOR HYBRID WIRELESS SENSOR NETWORKS NAJMUDDIN. M. MAROOF, DR. MOHAMMED ABDUL WAHEED
2.45 PM TO 3.00 PM	FRAMEWORK OF MALICIOUS COERCIONS RECOGNITION OF EXECUTABLE FILE MANOJ D. SHELAR AND S. SRINIVASA RAO
3.00 PM TO 3.15 PM	A NOVEL ENSEMBLE OF CLASSIFICATION TECHNIQUES FOR INTRUSION DETECTION SYSTEM DR.SHAIK. JAKEER HUSSAIN, DR.N.RAGHAVENDRA SAI, DR.B.SAI CHANDANA,DR.J.HARIKIRAN, DR.G.SAI CHAITANYA KUMAR
3.15 PM TO 3.30 PM	JANUS ANTENNA ARRAY DESIGN FOR DOPPLER NAVIGATION SYSTEM ASWIN J, RADHIKA PRIYAVARDHINI, HRISHITHA V, KONDA HARSHA, AND M JAYAKUMAR

Session-II || Parallel Session-II
25th June 2021 || 1.30am-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 PM TO 1.45 PM	SELF-ORGANIZING DEEP LEARNING MODEL FOR NETWORK TRAFFIC CLASSIFICATION PRABU. U, GEETHA. V
1.45 PM TO 2.00 PM	ARTIFICIAL INTELLIGENCE BASED RUBBER TAPPING ROBOT ANGEL T S, AMRITHESH K, KARTHIK KRISHNA, SACHIN ASHOK, AND VIGNESH M
2.00 PM TO 2.15 PM	UNMANNED AERIAL VEHICLES (UAV) JAMMER FAT HI SALIM SAID AL-GHAFRI, DR. VIDHYA. L
2.15 PM TO 2.30 PM	PERFORMANCE COMPARISON OF MACHINE LEARNING ALGORITHMS IN SYMBOL DETECTION USING OFDM SIVA SATYA SRI GANESH SEERAM, AVUTHU YUVARAJA REDDY, BASIL N J, AKELLA VISWA SAI SUMAN, ANURAJ K, AND POORNA S S
2.30 PM TO 2.45 PM	DEEP MATRIX FACTORIZATION FOR LEARNING RESOURCES RECOMMENDATION TRAN THANH DIEN, NGUYEN THANH-HAI, AND NGUYEN THAI NGHE
2.45 PM TO 3.00 PM	ANALYZING THE IMPACT OF SECURITY ATTRIBUTES IN FOGIOT ENVIRONMENT USING AHP APPROACH RICHA VERMA, SHALINI CHANDRA
3.00 PM TO 3.15 PM	A DEEP LEARNING APPROACH TO INVISIBLE WATERMARKING FOR COPYRIGHT PROTECTION TEJAS JAMBHALE, DR. ABDUL GAFFAR H
3.15 PM TO 3.30 PM	WEB BASED PATIENT-CENTRIC DRIVE HEALTH CARE MONITORING SYSTEM STELLA K , NITHYA DHARSHNI S, NIVEDHA M, AND NIVEDHA D

Session-II || Parallel Session-III

25th June 2021 || 1.30am-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 PM TO 1.45 PM	REAL-TIME HAND TRACKING AND GESTURE RECOGNIZING COMMUNICATION SYSTEM FOR PHYSICALLY DISABLED PEOPLE RIYA GUPTA , DISHANK OZA, AND SUNIL CHAUDHARI
1.45 PM TO 2.00 PM	VISION BASED REAL TIME VEHICLE DETECTION: A SURVEY MANJOT KAUR AND RAJNEESH RANDHAWA
2.00 PM TO 2.15 PM	HYBRID MODEL USING FEATURE SELECTION AND CLASSIFIER IN BIGDATA HEALTHCARE ANALYTICS M KAVITHA , SINGARAJU SRINIVASULU, MULAKA MADHAVA REDDY, VELLATURI GOPIKRISHNA, SINDHE PHANI KUMAR, S KAVITHA
2.15 PM TO 2.30 PM	PERFORMANCE EVALUATION OF PACKET INJECTION AND DOS ATTACK CONTROLLER SOFTWARE (PDACS) MODULE MR. KEERTHAN KUMAR T G, MR. SRIKANTH M S, MR. VIVEK SHARMA, DR. ANAND BABU J
2.30 PM TO 2.45 PM	SLAP-IOT: A SECURE LIGHTWEIGHT AUTHENTICATION PROTOCOL FOR IOT DEVICE CHNS ABHISHEK, CHUNGATH SRINIVASAN, LAKSHMY KV AND P. MOHAN ANAND
2.45 PM TO 3.00 PM	MEDICAL SERVICE CHATBOT FOR BASIC MEDICATION P. SAI KIRAN REDDY, Y. RISHEET, M. NAGA SIVARAM, MD.ROSHAN TANVEER ,G.CHANDRA SEKHAR
3.00 PM TO 3.15 PM	FPGA IMPLEMENTATION AND COMPARATIVE ANALYSIS OF DES AND AES ENCRYPTION ALGORITHMS USING VERILOG FILE I/O OPERATIONS AKSHADA MUNESHWAR, DR.B.K.N.SRINIVASARAO, AND AJAY CHUNDURI
3.15 PM TO 3.30 PM	SMART LUNG CANCER DETECTOR USING A NOVEL HYBRID FOR EARLY DETECTION OF LUNG CANCER PRAVEEN TUMULURU, DR.S.HRUSHIKESAVA RAJU, M.V.B.T.SANTHI, G.SUBBA RAO, P.SEETHA RAMA KRISHNA, ASHOK KOUJALAGI

Session-III - Parallel Session - I
25th June 2021 || 3.30pm-5.30 pm

TIME	TITLE/AUTHOR NAME
3.30 PM TO 3.45 PM	A HYBRID FRAMEWORK USING THE BOOSTING TECHNIQUE FOR EFFICIENT RAIN STREAK REMOVAL DURING DAYLIGHT SUBBARAO GOGULAMUDI, V. MAHALAKSHMI, INDRANEEL SREERAM
3.45 PM TO 4.00 PM	EMERGENCY MEDICAL SERVICES USING DRONE OPERATIONS IN NATURAL DISASTER AND PANDEMICS MR. ANAND R, MR. MUNESHWARA M.S, MR. SHIVAKUMARA S K, MRS. SWETHA M S, DR. ANIL G.N
4.00 PM TO 4.15 PM	FLIP-FLOP BASED APPROACH FOR LOGIC ENCRYPTION TECHNIQUE ANUPAMA M, RAMESH S R
4.15 PM TO 4.30 PM	DIMENSIONALITY REDUCTION BASED COMPONENT DICRIMINANT FACTOR IMPLICATION FOR MUSHROOM EDIBILITY CLASSIFICATION USING MACHINE LEARNING M. SHYAMALA DEVI, SUDHEER KUMAR GUPTA, VASUJIT BHATTACHARJEE, AKSHITA RAI AND SANTHOSH VEERARAGHAVAN RAMESH
4.30 PM TO 4.45 PM	DESIGN AND ANALYSIS OF DIGITAL BEAMFORMING FOR SATCOM ON THE MOVE BASED ON SPECIFIC GEOGRAPHICAL AREA NEERAJ R, DINESH P, PAVAN KUMAR V, UMESHRAJA N, AND JAYAKUMAR M
4.45 PM TO 5.00 PM	HYBRID ENCRYPTION ALGORITHM FOR STORING UNIMODAL BIOMETRIC TEMPLATES IN CLOUD JAYSHIL DAVE, GAYATHRI M
5.00 PM TO 5.15 PM	ZERO TRUST SECURITY IMPLEMENTATION USING SDP OVER VPN ABHIRAM D, HARISH R, AND PRAVEEN K
5.15 PM TO 5.30 PM	PRIVACY PRESERVING AUTHENTICATION AND ACCESS CONTROL SCHEME IN DATA MARKETS BHASKARUNI SAI PRANEETHA, B. SEKHAR BABU

Session-III - Parallel Session - II
25th June 2021 || 3.30pm-5.30 pm

TIME	TITLE/AUTHOR NAME
3.30 PM TO 3.45 PM	IOT BASED SMART MONITORING OF ON LINE TRANSFORMER M.GAJENTHIRAN, CHINDAMANI MEYYAPPAN, J.VISHNUPRAKASH, ARJUN R, T.VISWAK SENA, YEGAPPAN SETHU, R SHARAN PRASANNA
3.45 PM TO 4.00 PM	EARLY FAULT DETECTION IN SAFETY CRITICAL SYSTEMS USING COMPLEX MORLET WAVELET AND DEEP LEARNING GANDHIMATHINATHAN A AND DR R LAVANYA
4.00 PM TO 4.15 PM	STORAGE MECHANISM FOR HETEROGENEOUS STREAMED SENSOR DATA MRS. J RUBYDINAKAR, DR. VAGDEVI S
4.15 PM TO 4.30 PM	FGTD: FACE GENERATION FROM TEXTUAL DESCRIPTION KALPANA DEORUKHKAR, KEVLYN KADAMALA AND ELITA MENEZES
4.30 PM TO 4.45 PM	TWO LEVELS OF SECURITY FOR PROTECTION OF IMAGES COPYRIGHT SHEIMAA A. HADI, SUHAD A. ALI , MAJID JABBAR JAWAD
4.45 PM TO 5.00 PM	SPEECH ENHANCEMENT USING NON-LINEAR KALMAN FILTERING T NAMRATHA, B INDRA KIRAN REDDY, MV DEEPAK CHAND REDDY, SUDHEESH P
5.00 PM TO 5.15 PM	AN AGRICULTURE SUPPLY CHAIN MODEL FOR IMPROVING FARMER INCOME USING BLOCKCHAIN SMART CONTRACT BANUPRIYA SADAYAPILLAI, KOTTILINGAM KOTTURSAMY
5.15 PM TO 5.30 PM	SDN-ENABLED SECURE IOT ARCHITECTURE DEVELOPMENT: A REVIEW SHIKHAR BHARDWAJ AND DR SANDEEP HARIT

Session-III - Parallel Session - III
25th June 2021 || 3.45pm-5.30 pm

TIME	TITLE/AUTHOR NAME
3.30 PM TO 3.45 PM	PERFORMANCE COMPARISON OF ANOMALY DETECTION ALGORITHMS MAYA MANISH KUMAR, RAMYA GR
3.45 PM TO 4.00 PM	AN IOT VISION FOR DIETARY MONITORING SYSTEM AND FOR HEALTH RECOMMENDATIONS S. HRUSHIKESAVA RAJU, SUDI SAI THRILOK, KALLAM PRANEETH SAI KUMAR REDDY, GADDE KARTHIKEYA, MUDDAMSETTY TANUJ KUMAR
4.00 PM TO 4.15 PM	CHANNEL ESTIMATION IN MIMO-OFDM AND PAPR REDUCTION GOKUL A, SARATH J N, MOHIT M, NIRANJAN M AND ASWATHY K NAIR
4.15 PM TO 4.30 PM	A WEARABLE INFANT HEALTHCARE MONITORING AND ALERTING SYSTEM USING IOT BHUVANESHWARI P, RAJNISH MAHASETH
4.30 PM TO 4.45 PM	RESOURCE CONTENTION AND AGE OF INFORMATION IN WIRELESS SENSOR NODES USING RENEWAL THEORY K SURESHKUMAR, V.RAJMOHAN, SANJU RAJAN, V.R.PRAKASH
4.45 PM TO 5.00 PM	INVESTIGATIONS ON POWER-AWARE SOLUTIONS IN LOW POWER SENSOR NETWORKS VIDHYA S S AND SENTHILKUMAR MATHI
5.00 PM TO 5.15 PM	EFFICIENT CERTIFICATELESS SIGNCRYPTION SCHEME FOR VEHICULAR AD HOC NETWORKS AMINUL ISLAM, FAHIEM ALTAF, AND SOUMYADEV MAITY
5.15 PM TO 5.30 PM	DETECTION OF ATTACKS USING MULTILAYER PERCEPTRON ALGORITHM S.DILIPKUMAR, DR. M.DURAIRAJ