

# ICACRS 2022

## International Conference on Automation, Computing and Renewable Systems

Organized by  
**Mount Zion College of Engineering and Technology**  
Pudukkottai, Tamil Nadu, India

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### Schedule for Presentation (13-15, December 2022)

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Date	Time	Program Schedule	Venue Details
13.12.2022	9.00 am - 9.30 am	Inaugural Function	Parallel Session-I Seminar Hall 101 Parallel Session-II Seminar Hall 201
	9.30 am - 10.30 am	Keynote Address-I	
	10.30 am - 1.30 pm	Session I	
	1.30 pm - 2.30 pm	Lunch Break	
	2.30 pm - 5.30 pm	Session II	
14.10.2022	9.00 am - 9.30 am	Keynote Address-II	Parallel Session-III
	9.30 am - 1.30 pm	Session III	Seminar Hall 301
	1.30 pm - 2.30 pm	Lunch Break	Parallel Session-IV
	2.30 pm - 5.30 pm	Session IV	Seminar Hall 401
	5.30 pm - 6.30 pm	Panel Discussion	

**Presentation Time: 20 Minutes**

**Presentation Format: Power Point Presentation (PPT)**

**Session-I – Venue Presentation**  
**13, December 2022 [10.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>10.30 - 10.50 AM</i>	A RANDOMIZED DOT PATTERN CHARACTER ENCODING SCHEME (R-DPCES) FOR STEGANOGRAPHY SUSMITA MAHATO
<i>10.50 - 11.10 AM</i>	A SURVEY ON QUANTIZATION METHODS FOR OPTIMIZATION OF DEEP NEURAL NETWORKS UDAY KULKARNI, ABHISHEK S HOSAMANI, ABHISHEK S MASUR, SHASHANK HEGDE, GANESH R VERNEKAR, K SIRI CHANDANA

**Session-II – Venue Presentation**  
**14, December 2022 [2.30 pm to 4.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>2.30 - 2.50 PM</i>	A REVIEW OF GENERATIVE ADVERSARIAL NETWORKS(GANS) FOR TECHNOLOGY-ASSISTED LEARNING : SOLVING TEACHING AND LEARNING CHALLENGES K. DINESH KUMAR, SAROT SRANG, DONA VALY

**Session-I -- Parallel Session-I**  
**13, December 2022 [10.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>10.30 - 10.50 AM</i>	EXAMINATION ON FIRE DETECTION METHODS USING COMPUTER VISION SIKHIN V C, S SANKARA SUBRAMANIAN, SREELEKSHMI R V
<i>10.50 - 11.10 AM</i>	MIXTURE OF MACHINE LEARNING CONCEPT IN OPTICAL COMMUNICATION NETWORK USING SOFT COMPUTING TECHNIQUES P. MALINI, S. KARPAKAM, U. SASIKALA, A. VASANTHARAJ, U. RAMANI, S. IRFAN BASHA
<i>11.10 - 11.30 AM</i>	PERFORMANCE EVALUATION OF RECENTLY PROPOSED METAHEURISTICS ALGORITHMS ON SOLVING JOB SHOP SCHEDULING PROBLEM REMYA KOMMADATH, BIBEKANANDA RAMCHANDANI, MAKKITAYA SWARNA NAGRAJ, PRAKASH KOTTECHA
<i>11.30 - 11.50 PM</i>	PERFORMANCE ENHANCEMENT OF KESTERITE CU <sub>2</sub> ZNSN(S,SE) <sub>4</sub> THIN FILM SOLAR CELL SATYENDRA KUMAR, SWATI ARORA
<i>11.50 - 12.10 PM</i>	CLOUD SECURITY - A COMPREHENSIVE SURVEY DHWANI HAKANI, PALVINDER SINGH MANN

<b>12.10 - 12.30 PM</b>	MODIFIED AQUILA OPTIMIZATION BASED ROUTE PLANNING MODEL FOR UNMANNED AERIAL VEHICLES NETWORKS SACHIN VASANT CHAUDHARI, SHAHNAWAZ AYOUB, M. SIVA, M. DHIPA, B GAYATHRI, V. BANUPRIYA
<b>12.30 - 12.50 PM</b>	MINIATURIZED SEMI HEXAGONAL APERTURE SHAPE ANTENNA WITH ELLIPTICAL GROUND FOR C – V2X COMMUNICATION RAMYA VASUDEVAN, NAGARAJU V
<b>12.50 - 1.10 PM</b>	OPTICALLY CONTROLLED MICROWAVE SENSOR FOR BIOMADICAL APPLICATIONS MARYAM SAMI MAJEED, MESUT ÇEVİK
<b>1.10 - 1.30 PM</b>	EPILEPTIC SEIZURE DETECTION GOKUL M, JAGASRI L, SINDHUJA M, BARKAVI R, PRADEEP MURUGESAN, ARUN PRASATH T

**Session-I -- Parallel Session-II**  
**13, December 2022 [10.30 am to 1.30 pm]**

<b>TIME SLOT</b>	<b>PAPER TITLE / AUTHOR DETAILS</b>
<b>10.30 - 10.50 AM</b>	SEHAT: CLOUD-BASED USER SOCIABLE HEALTH CARE ASSISTANT SYSTEM SK. ARSHIYA SULTANA, D. IGNA SREE, CH. RUPA, G. SOWMYA SREE
<b>10.50 - 11.10 AM</b>	TASK SCHEDULING ALGORITHMS IN FOG COMPUTING: A COMPARISON AND ANALYSIS TARUN JAGADISH, ONKAR APTE, K. PRADEEP
<b>11.10 - 11.30 AM</b>	IMAGE ERROR CONCEALMENT METHOD BY HIDING A COPY OF THE SAME IMAGE IN IT IN SPATIAL AND WAVELET DOMAIN BEFORE TRANSMISSION GHOUSE AHAMED Z, ANUJ JAIN, V.K SHARMA
<b>11.30 - 11.50 PM</b>	EMOTION RECOGNITION FROM TELUGU SPEECH USING PROBABILISTIC SUPPORT VECTOR MACHINES RATNA KANTH NELAPATI, SARASWATHI SELVARAJAN
<b>11.50 - 12.10 PM</b>	REVIEWING THE ROLE OF FIBER BRAGG GRATING TEMPERATURE SENSORS IN SMART FACTORIES: OPPORTUNITIES AND CHALLENGES PAUL STONE MACHESO, MOHSSIN ZEKRTI
<b>12.10 - 12.30 PM</b>	EQUILIBRIUM OPTIMIZER WITH DEEP LEARNING MODEL FOR AUTISM SPECTRAL DISORDER CLASSIFICATION A. PRAVEENA, T.S. KARTHIK, VIJAYAKRISHNA RAPAKA E, N. SENTHAMILARASI, ABIRAMI.S.K, SHYAMALI DAS
<b>12.30 - 12.50 PM</b>	AUTOMATED INTRACRANIAL HAEMORRHAGE DETECTION AND CLASSIFICATION USING RIDER OPTIMIZATION WITH DEEP LEARNING MODEL T.S. KARTHIK, N K ANUSHKANNAN, VIJAYAKRISHNA RAPAKA E, NAZIYA HUSSAIN, RAJASEKHAR PINNAMANENI, SHYAMALI DAS
<b>12.50 - 1.10 PM</b>	DIAGNOSIS OF NEURODEGENERATIVE DISEASES BY GAIT ANALYSIS USING TRIBLOCK CNN AND DEEP RQA TECHNIQUES VAJIHA BEGUM S.A, PUSHPA RANI M
<b>1.10 - 1.30 PM</b>	IMPROVEMENT OF SAFETY IN ROAD ENVIRONMENT BY DESIGNING AN ADVANCED DRIVER ASSISTANCE SYSTEM V. GOKULA KRISHNAN, PINAGADI VENKATESWARA RAO, M. NAVANEETHAKRISHNAN, V. PRABHU, D. PARKAVI, T. TAMILARASAN

**Session-I -- Parallel Session-III**  
**13, December 2022 [10.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>10.30 - 10.50 AM</i>	MODELING OF CHICKEN SWARM OPTIMIZATION WITH HYBRID NETWORKS FOR VISUAL PLACES RECOGNITION S. SENTHAMIZHSELVI, A. SARAVANAN
<i>10.50 - 11.10 AM</i>	DETECTION OF SELFISH NODES BASED ON NODE ENERGY IN MOBILEAD HOC NETWORKS – MANETS R. SARUMATHI, V. JAYALAKSHMI
<i>11.10 - 11.30 AM</i>	SOCIAL DISTANCING MONITORING AND ALERTING SYSTEM USING YOLO DEEP LEARNING ALGORITHM P. DHARANI DEVI, M. THIRUKUMARAN, B. BALAJI
<i>11.30 - 11.50 PM</i>	INTRUDER DETECTION SYSTEM FOR DIGITAL DEVICE USING COMPUTER VISION SUGANTHA MALLIKA.S.S, PRIYADHARSINI.M, VENKAT KUMAR .I.S, SUDHARSAN .R, SURYA .M
<i>11.50 - 12.10 PM</i>	EFFECTIVE INTRUSION DETECTION AND CLASSIFICATION USING FUZZY RULE BASED CLASSIFIER IN CLOUD ENVIRONMENT DR C. VEENA, S. RAMALAKSHMI, V. BHOOPATHY, MINAKSHI DATTATRAYA BHOSALE, C. G. MAGADUM, ABIRAMI.S.K.
<i>12.10 - 12.30 PM</i>	IMPLEMENTATION OF SMART GARBAGE MONITORING SYSTEM USING GSM B. RUBINI, S. PRADEEP KUMAR, SUGANIYA MURUGAN
<i>12.30 - 12.50 PM</i>	SARA: A NOVEL ACTIVATION FUNCTION WITH APPLICATION TO MELANOMA IMAGE CLASSIFICATION MOHAMMAD NAVED QURESHI, MOHAMMAD SAROSH UMAR
<i>12.50 - 1.10 PM</i>	AN EXAMEN OF ORAL CARCINOMA USING MACHINE LEARNING APPROACHES JENIFER BLESSY. J, SORNAM.M
<i>1.10 - 1.30 PM</i>	FUZZY LOGIC CONTROLLED SEPIC WITH COUPLED INDUCTOR-BASED CONVERTER FOR HIGH VOLTAGE APPLICATIONS D.KIRUBAKARAN, S. GOMATHI, T. KAVITHA, M.SAI SILVYA, P. RAJESHWARI, T.D. SUBHA

**Session-I -- Parallel Session-IV**  
**13, December 2022 [10.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>10.30 - 10.50 AM</i>	AN INTELLIGENT CONVOLUTIONAL NEURAL NETWORK BASED POTHOLE DETECTION USING YOLO-V7 MADARAPU SATHVIK, G. SARANYA, S. KARPAGASELVI
<i>10.50 - 11.10 AM</i>	DESIGN OF KERNEL EXTREME LEARNING MACHINE BASED INTELLIGENT CROP YIELD PREDICTION MODEL SRILATHA TOOMULA, SUDHA PELLURI
<i>11.10 - 11.30 AM</i>	OPTIMAL INSTALLATION FOR ENHANCING POWER SYSTEM SECURITY USING INTEGRATED BBO-PSO TECHNIQUES K. KAVITHA
<i>11.30 - 11.50 PM</i>	DATA EXTRACTION APPROACH USING NATURAL LANGUAGE PROCESSING FOR SENTIMENT ANALYSIS SHREYASH MISHRA, SIDDHARTHA CHOUBEY, ABHA CHOUBEY, YOGESH N, J DURGA PRASAD RAO, P. WILLIAM
<i>11.50 - 12.10 PM</i>	USAGE OF CLASSIFIER ENSEMBLE FOR SECURITY ENRICHMENT IN IDS CH. PHANEENDRA VARMA, G. RAMESH BABU, POKKULURI KIRAN SREE, N.RAGHAVENDRA SAI
<i>12.10 - 12.30 PM</i>	IOT-BASED AUTOMATIC MANHOLE OBSERVANT FOR SEWAGE WORKER'S SAFETY RAKESH DRONAVALLI, KALPANA SEELAM, PARTHIVE MAGANTI, JASMITHA GOWINENI, SAI DEEPTHI CHALLAMALLA
<i>12.30 - 12.50 PM</i>	LOW POWER, HIGHLY STABLE AND ENHANCED READ SPEED 7T SRAM DEBERJEET USHAM, MALTI BANSAL
<i>12.50 - 1.10 PM</i>	DESIGN OF HYBRID AUTHENTICATION PROTOCOL FOR HIGH SECURE APPLICATIONS IN CLOUD ENVIRONMENTS SAI SRINIVAS VELLELA, R. BALAMANIGANDAN
<i>1.10 - 1.30 PM</i>	SIMULATION OF FLIGHT TRAJECTORIES OF QUADROTOR USING MATLAB AND SIMULINK AKASH S, B. ANBARASU

**Session-II -- Parallel Session-I**  
**13, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>2.30 - 2.50 PM</i>	ARTIFICIAL INTELLIGENCE BASED SYSTEM IN PROTEIN FOLDING USING ALPHAFOLD PRAGYA SRIVASTAVA, SHREYANSH SUYASH, N. JAYAPANDIAN
<i>2.50 - 3.10 PM</i>	BANDWIDTH AND POWER COST OPTIMIZED OVER MAC PROTOCOL OVER VISIBLE LIGHT COMMUNICATION KARPAGAM. M, SOWMYA. K
<i>3.10 - 3.30 PM</i>	SPOT FIRE: AN INTELLIGENT FOREST FIRE DETECTION SYSTEM DESIGN WITH MACHINE LEARNING K. REVATHI, T. TAMILSELVI, R. ARUNKUMAR, T. DIVYA
<i>3.30 - 3.50 PM</i>	ATTRIBUTE BASED ENCRYPTION IN HEALTHCARE APPLICATION SURESH KUMAR S, CHIDAMBARAM G, S. VIJAYALAKSHMI, DHAYANANDH AT
<i>3.50 - 4.10 PM</i>	DATA PRIVATIZATION AND SECURITY USING BIT PLANE COMPLEXITY SEGMENTATION SURESH KUMAR S, CHIDAMBARAM G, S. VIJAYALAKSHMI
<i>4.10 - 4.30 PM</i>	ANALYSIS OF RLC NETWORK CONNECTED TO STEADY STIMULATING SOURCE VIA GUPTA TRANSFORM ROHIT GUPTA, RAHUL GUPTA, LOVENEESH TALWAR, ANAMIKA, DINESH VERMA
<i>4.30 - 4.50 PM</i>	ONLINE VOICE BASED SMART SECURITY AND AUTOMATION SYSTEM FOR REAL TIME APPLICATION USING ARTIFICIAL INTELLIGENCE M.BHAVANI, R. BRINDA, P.S. MANOHARAAN, S. RAMALINGAM
<i>4.50 - 5.10 PM</i>	PDF MALWARE DETECTION SYSTEM BASED ON MACHINE LEARNING ALGORITHM PRUTHVI PRIYA P M, HEMAVATHI P
<i>5.10 - 5.30 PM</i>	MUNICIPALITY WATER MANAGEMENT SYSTEM USING IOT PERUMAL. B, NAGARAJ. P, ESAKKI RAJA. S, JAYA SUNTHARI. S, KEERTHANA. S, MUTHUKUMAR. M. V

**Session-II -- Parallel Session-II**  
**13, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>2.30 - 2.50 PM</i>	IOT-BASED LOW-COST SMART MODULES FOR SMART IRRIGATION SYSTEMS POWERED BY ARTIFICIAL INTELLIGENCE V. ANANDKUMAR, A. RENALDO MAXIMUS, S. VISHNUPRIYAN, K. SHEIKDAVOOD, P. GOMATHI
<i>2.50 - 3.10 PM</i>	MARINE SPECIES IDENTIFICATION USING CONVOLUTIONAL IN DEEP LEARNING NANTHINI. N, ARUL SIVA KUMARAN K, ASHIQ A, BHUVANESHWARAN M J, AAKASH V S
<i>3.10 - 3.30 PM</i>	ISSUES AND FUTURE CHALLENGES OF SENTIMENT ANALYSIS FOR SOCIAL NETWORKS- A SURVEY R. GEETHANJALI, A. VALARMATHI
<i>3.30 - 3.50 PM</i>	REVIEW OF MACHINE LEARNING ALGORITHMS FOR AUTISM SPECTRUM DISORDER PREDICTION MRS. V. KAVITHA, R. SIVA
<i>3.50 - 4.10 PM</i>	A SURVEY ON MQTT BRIDGES, CHALLENGES AND ITS SOLUTIONS V. THIRUPATHI, K. SAGAR
<i>4.10 - 4.30 PM</i>	DESIGNING AND IMPLEMENTATION OF CELLULAR NETWORK BASED LPG MONITORING AND ALERT SYSTEM S. RAMALINGAM, B. SAKTHI KUMAR, K. PRABHU, C P. PRASHANTH, E. PETERSAM
<i>4.30 - 4.50 PM</i>	A COMPARATIVE STUDY ON MACHINE LEARNING BASED CROSS LAYER SECURITY IN INTERNET OF THINGS (IOT) K. SARANYA, A. VALARMATHI
<i>4.50 - 5.10 PM</i>	PRODUCTION PLANNING IN PROCESS INDUSTRIES USING CEC 2021 WINNING ALGORITHMS REMYA KOMMADATH, AMAN KUMAR SAINI, PRAKASH KOTECHA
<i>5.10 - 5.30 PM</i>	A BRIEF REVIEW ON MELANOMA DIAGNOSIS MODELS USING MACHINE LEARNING TECHNIQUES DEEPTHI RAPETI, D VIVEKANANDA REDDY

**Session-II -- Parallel Session-III**  
**13, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
2.30 - 2.50 PM	OPTIMAL SITING AND SIZING OF DISPERSED GENERATION IN ELECTRICAL DISTRIBUTION NETWORK WITH PSO AISHWARYA HOLI, SHUBHAM KATTIKAR, MIHIR PATEL, RUDRESH B. MAGADUM, SANTOSH M. NEJAKAR
2.50 - 3.10 PM	AN EYE GAZE TYPING APPLICATION WITH OPENCV AND DLIB LIBRARY ABHAYA V, AKSHAY S, CHANDAN C BAGAN, DHANRAJ K, SHYAMALA G
3.10 - 3.30 PM	ARTIFICIAL INTELLIGENCE BASED SMART COSMETICS SUGGESTION SYSTEM BASED ON SKIN CONDITION KAVYASHREE N, RAMA SATISH K V, PRASANNA RAJARAM RASAL, RAHUL JALINDAR JADHAV, M. SAIDIREDDY, K G KHARADE
3.30 - 3.50 PM	A SURVEY ON APPLICATION OF METAHEURISTICS TECHNIQUES FOR ENSEMBLE FEATURE SELECTION (EFS) S. VIJAYALAKSHMI, V. PRASANNA VENKATESAN
3.50 - 4.10 PM	INDIAN AGRICULTURE SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN TECHNOLOGY AND CNN D.N.V.S.L.S. INDIRA, M. HEMA REDDY, G. SRI JYOTHI, K. ROHITH, K. SRAVYA, G. JAHNAVI
4.10 - 4.30 PM	A STUDY OF GENEALOGY AND TRACKING SYSTEMS FOR AUTOMOTIVE MANUFACTURING INDUSTRIES AKHIL THOMAS, ARVIND A R, ANGELINA GEETHA
4.30 - 4.50 PM	SADGF: SURVEILLANCE BASED ANXIETY DETECTION USING GENDER-BASED FACIAL EMOTION RECOGNITION BEULAH DIVYA KANNAN, NITHYAKAMAL ILAMURUGU
4.50 - 5.10 PM	A GENERIC ALGORITHM FOR CONTROLLING AN EYEBALL-BASED CURSOR SYSTEM N. PRAVEENA, SRI HARSHA.N, SAI RUPESH.G, SUNIL KUMAR REDDY.K, RUPESH.S, YESWANATH.M
5.10 - 5.30 PM	INTEGRATED PARKING SYSTEM FOR REAL-TIME PARKING RAJI C.G, ADIL BIN ABOOBACKER, ANFAS MUHAMMAD, JISHANA SHEMEEM



**Session-II -- Parallel Session-IV**  
**13, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<b>2.30 - 2.50 PM</b>	CHRONIC KIDNEY DISEASE DETECTION USING ADABOOSTING ENSEMBLE METHOD AND K-FOLD CROSS VALIDATION N.MOHANA SUGANTHI, JEMIN V.M, P.RAMA, E.CHANDRALEKHA
<b>2.50 - 3.10 PM</b>	ANDROID BASED RECOMMENDER SYSTEM (ARS) TO DETECT BREAST ABNORMALITIES M KAVITHA, PROF. VENKATA KRISHNA P, V RAMA KRISHNA, SREENIVASULU DIGAVINTI, M KALYANI, TIRULUKA V S NAGA DIVYA
<b>3.10 - 3.30 PM</b>	EFFECTUAL HOME AUTOMATION USING ESP32 NODEMCU R. NIRANJANA, ARVIND S, VIGNESH M, VISHAAL S
<b>3.30 - 3.50 PM</b>	RELIABLE DENSELY CONNECTED NETWORK WITH MACHINE LEARNING BASED DIABETIC RETINOPATHY GRADING APPROACH SRINIVASULU SIRISALA, NIHAR RANJAN BEHERA, D. AMUTHAGUKA, SACHIN VASANT CHAUDHARI, JHAKESHWAR PRASAD, SWETHA REDDY A
<b>3.50 - 4.10 PM</b>	LAND USE LAND COVER CLASSIFICATION USING MACHINE LEARNING HARSH WAGHELA, SAURIN PATEL, POOJA SUDESAN, SOHAM RAORANE, MR. ROHAN BORGALLI
<b>4.10 - 4.30 PM</b>	COMPARATIVE STRATIFICATION OF STEGANALYSIS TECHNIQUES TO INTERPRET & TARGET ANOMALIES DHIREN DOMMETI, SIVA RAMAKRISHNA NALLAPATI, DR VENKATA VARA PRASAD PADYALA, VENKATA NARESH MANDHALA
<b>4.30 - 4.50 PM</b>	IMPLEMENTATION OF TECHNOLOGY TO RECOGNIZE SEGMENTED AND NON-SEGMENTED TEXT: A SURVEY SANDHYA SHARMA, SHEIFALI GUPTA, AVINASH SHARMA, LIPIKA GUPTA, SHAMINDER KAUR
<b>4.50 - 5.10 PM</b>	DESIGN AND ANALYSIS OF A META MATERIAL BASED NESTED CIRCULAR SPLIT RING RESONATOR FOR TERAHERTZ APPLICATIONS SWATHI DASI, SWATHI DASI, DR. G MANMADHA RAO
<b>5.10 - 5.30 PM</b>	WHEAT HEAD DETECTION USING YOLO: A COMPARATIVE STUDY NEERAJ S KUMAR, STEPHI S, MEENAKSHI R AND GREESHMA SARATH

**Session-III -- Parallel Session-I**  
**14, December 2022 [9.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
9.30 -9.50 AM	RANDOM FOREST, DT AND SVM MACHINE LEARNING CLASSIFIERS FOR SEED WITH ADVANCED WSN SENSOR NODE SACHIN DATTATRAYA SHINGADE, ROHINI PRASHANT MUDHALWADKAR, KOMAL MAHADEO MASAL
9.50 - 10.10 AM	A DEEP LEARNING APPROACH TO ANALYZE DIABETIC RETINOPATHY LESIONS USING SCANT DATA DEVENDRA SINGH, DINESH C. DOBHAL, SAURABH PARGAIEN, AMRITA VERMA PARGAIEN, JANMEJAY PANT, HIMANSHU PANT
10.10 - 10.30 AM	ROBOTIC ARM AIDED THERMAL SCREENING SYSTEM USHA RANI C M, K SHAILAJA, RAKSHA C, HARISHA H L, PRASHANTH P
10.30 - 10.50 AM	COMPARISON OF MACHINE LEARNING ALGORITHMS FOR PIGMENT EPITHELIAL DETACHMENT CLASSIFICATION USING SHAPE AND CURVATURE FEATURES T. M. SHEEBA, S. ALBERT ANTONY RAJ, M. ANAND
10.50 - 11.10 AM	DESIGN AND SECURITY ANALYSIS OF ISOIDENTITY BASED ISOBETA CRYPTOSYSTEM NILESH BHOSALE, RUPESH POHANE, SIDDHANT MESHARAM, AKSHAYKUMAR MESHARAM, MALABIKA ADAK, K. T. V. REDDY
11.10 - 11.30 AM	RECENT ADVANCEMENT AND COMPARATIVE TURNOUTS OF 1Ø GRID TIED NON-ISOLATED INVERTERS TOPOLOGIES RUSHIKESH S. SHAHAKAR, KAWITA D. THAKUR, NUTAN S. THAKARE
11.30 - 12.50 PM	DEEPFAKE DETECTION THROUGH KEY VIDEO FRAME EXTRACTION USING GAN LALITHA S, KAVITHA SOODA
12.50 - 1.10 PM	AN INTERPRETATION ON BRAIN GATE SYSTEM NETWORK AND TECHNOLOGY- A STUDY SUSHITHA S, SOWMYA K
1.10 - 1.30 PM	PERFORMANCE ANALYSIS M-PAPM WDM-PON SYSTEM WITH ASE-POWERED STEALTH CHANNELS FOR STEGANOGRAPHY APPLICATIONS A. SAGAYA SELVARAJ, MATHIBALAN.B, SAGADEVAN K, MOHANRAJ S

**Session-III -- Parallel Session-II**  
**14, December 2022 [9.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>9.30 - 9.50 AM</i>	CURRENCY AND FAKE CURRENCY DETECTION USING MACHINE LEARNING AND IMAGE PROCESSING-AN APPLICATION FOR BLIND PEOPLE USING ANDROID STUDIO VAISHAK B, HOYSALA S, PAVANKUMAR V H, MOHANA
<i>9.50 - 10.10 AM</i>	RECENT ADVANCEMENTS OF INTERNET OF MEDICAL THINGS (IOMT): CHALLENGES AND FUTURE OPPORTUNITIES WITH EMERGING TECHNOLOGIES DIVY TUSHAR SHAH, AKASH PATEL, AISHWARIYA BUDHRANI, KHUSHI PATEL
<i>10.10 - 10.30 AM</i>	LOCATION BASED 5G TRANSMISSION FOR LEO SATELLITE COMMUNICATION USING BPAM TECHNIQUE SIVASAKTHI T, BARATH NARAYANAN R, PALANI U, VASANTHI D, PREETHI R, POOJA M
<i>10.30 - 10.50 AM</i>	SOLAR TREE BASED SMART CITY STREET LIGHT CONTROL SYSTEM USING IOT BLYNK PLATFORM S. DHANASEKARAN, P. GOMATHI, A. RENALDO MAXIMUS, THIYAGARAJAN KRISHNAN, B. KANNAN
<i>10.50 - 11.10 AM</i>	BLOCKCHAIN BASED HEALTHCARE DATA MANAGEMENT M.KARTHIGHA, AKSHAYA V. S, PADMAVATHY C
<i>11.10 - 11.30 AM</i>	INTELLIGENT DEEP RESIDUAL NETWORK BASED BRAIN TUMOR DETECTION AND CLASSIFICATION K. KARTHEEBAN, KAPULA KALYANI, SAI KRISHNA BOMMAVARAM, DIVYA ROHATGI, MATHUR NADARAJAN KATHIRAVAN, S. SARAVANAN
<i>11.30 - 12.50 PM</i>	DYNAMIC PAGERANK FREQUENT SUBGRAPH MINING BY GRAPHX IN THE DISTRIBUTED SYSTEM SADHANA PRIYADARSHINI, SIREESHA RODDA
<i>12.50 - 1.10 PM</i>	PREDICTION OF SOLAR ENERGY USING TIME SERIES METHODS SAKSHI SHUKLA, SARITA SHEORAN, SUMANTA PASARI
<i>1.10 - 1.30 PM</i>	A MACHINE LEARNING BASED APPROACH FOR BREAST CANCER PREDICTION MAYANK AGRAWAL, VINOD JAIN

**Session-III -- Parallel Session-III**  
**14, December 2022 [9.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>9.30 - 9.50 AM</i>	A HYBRID OPTIMIZER BASED NONLINEAR MODEL PREDICTIVE CONTROL FOR ROTARY INVERTED PENDULUM SUPRIYA P. DIWAN, SHRADDHA S. DESHPANDE
<i>9.50 - 10.10 AM</i>	A COMPREHENSIVE REVIEW OF CLOUD BASED MULTI-AUTHORITY REVOCABLE CPABE SCHEMES SHOBHA CHAWLA, NEHA GUPTA
<i>10.10 - 10.30 AM</i>	REAL-TIME FACE MASK DETECTION FROM CCTV VIDEO FRAMES USING DEEP NEURAL NETWORKS V ANANTHA NATARAJAN, PUTTA VISHNU VARDHAN, NAYAKULA MURAHARA SAI PRIYA, NUNNA VINEETH, PARTHU V
<i>10.30 - 10.50 AM</i>	DETECTION OF ATTACKS USING ATTENTION-BASED CONV-LSTM AND BI-LSTM IN INDUSTRIAL INTERNET OF THINGS BEBIN JOSEY T, D.S. MISBHA
<i>10.50 - 11.10 AM</i>	MIMI: SINHALA LANGUAGE SPEECH ASSISTIVE LEARNING BOT TO SUPPORT CHILDREN WITH STUTTERING K.C.D VITHANA, D.N.N WEERARATHNE, H.A.S KRISHAN, M.R.M WIJESIRI, SAMANTHA THELIJAGODA, J.A.D.T JAYAWICKRAMA, NETHMINI T
<i>11.10 - 11.30 AM</i>	A REVIEW ON ENERGY EFFICIENT COOPERATIVE ROUTING ALGORITHM FOR WIRELESS SENSOR NETWORKS IMMANUVEL AROKIA JAMES K, MANJULA P, MOHANA M, ARTHI S
<i>11.30 - 12.50 PM</i>	AN EXTENSIVE REVIEW OF MACHINE LEARNING TECHNIQUES FOR EEG SIGNAL PROCESSING ANITA.M, A. MEENA KOWSHALYA, B. MAHESWARI, A. MUTHURAM
<i>12.50 - 1.10 PM</i>	HYBRID MACHINE LEARNING BASED FALSE DATA INJECTION ATTACK DETECTION AND MITIGATION MODEL FOR WASTE WATER TREATMENT PLANT A. PARVATHY, G. LEELA KASYAP, D. VENKATA ABHINAV, A.N.V. SURYA SAI, R. SRIRANJANI AND N. HEMAVATHI
<i>1.10 - 1.30 PM</i>	MANTARAY FORAGING OPTIMIZATION BASED MAKESPAN ENHANCEMENT IN CLOUD BASED SCHEDULING ENVIRONMENT ASWINI.J, K. JOHNY ELMA, P. JOHN AUGUSTINE, N. KOPPERUNDEVI, S. M. CHITHRA, T. PARASURAMAN

**Session-III -- Parallel Session-IV**  
**14, December 2022 [9.30 am to 1.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
9.30 -9.50 AM	DEEP LEARNING AIDED EMOTION RECOGNITION FROM MUSIC R RAJA SUBRAMANIAN, KOKKIRALA ADITYA RAM, DOLA LOKESH SAI, K VENKATESH REDDY, KONDETI AKARSH CHOWDARY, KUNDU DHEERAJ DATTA REDDY
9.50 - 10.10 AM	IMPACT OF POWER, DISTANCE AND CHANNEL CONDITIONS ON THE THROUGHPUT OF INFRASTRUCTURE AND ADHOC WI-FI NETWORKS MANASAPRIYA K, CHAITANYA G, MUBEENA SK, JAHNAVI K, SEETHA RAMANJANEYULU B, GANGAPRASAD G
10.10 - 10.30 AM	ESTIMATION OF ACCURACY LEVEL FOR SENTIMENT ANALYSIS USING MACHINE LEARNING AND DEEP LEARNING MODELS V. VANTHANA, K. KARTHEEBAN
10.30 - 10.50 AM	HEART DISEASE PREDICTION MODEL USING MACHINE LEARNING BINJU SAJU, V ASHA, ARPANA PRASAD, HARISH KUMAR P, RAKESH V, A.P. NIRMALA
10.50 - 11.10 AM	EXPERIMENTAL SETUP OF APACHE SPARK APPLICATION EXECUTION IN A STANDALONE CLUSTER ENVIRONMENT USING DEFAULT SCHEDULING MODE M. JAYANTHI, DR. K.RAM MOHAN RAO
11.10 - 11.30 AM	EFFICIENCY ENHANCEMENT USING LEAST SIGNIFICANT BITS METHOD IN IMAGE STEGANOGRAPHY P. SUBHASRI, S. SANTHOSHKUMAR, MS. A. SUMATHI, C. BALAKRISHNAN, F. KURUS MALAI SELVI
11.30 - 12.50 PM	HAND GESTURE RECOGNITION USING DENSENET201-MEDIAPIPE HYBRID MODELLING PRACHETAS PADHI, MOUSUMI DAS
12.50 - 1.10 PM	COMPARISON BETWEEN SYMMETRICAL AND ASYMMETRICAL 13 LEVEL MLI WITH MINIMAL SWITCHES SINDHUJA R, PADMA S, PARIMALASUNDAR E, SURESH K
1.10 - 1.30 PM	ANALYSIS AND DETECTION OF MONKEYPOX USING THE GOOGLNET MODEL UPENDRA SINGH, LOKENDRA SINGH SONGARE

**Session-IV -- Parallel Session-I**  
**14, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<b>2.30 - 2.50 PM</b>	ANALYSIS OF COAGULATION EFFECT IN VEINS USING MEMS LAMINAR FLOW FOR EARLY HEART STROKE DETECTION T. VASUDEVA REDDY, R. ANIRUDH REDDY, P. KAVITHA REDDY, ANISHA REDDY
<b>2.50 - 3.10 PM</b>	AIR COMPRESSION MASSAGE SYSTEM FOR CHRONIC VEIN DISORDERS DEEKSHITA R, PRISCITA K, SHRUTHI RAM R, VIGNESHWARI N, M. ANISHA, GOKUL M
<b>3.10 - 3.30 PM</b>	A MULTICORE ECU-BASED AUTOMOTIVE SOFTWARE DOMAIN COMBINING RUNNABLE SEQUENCING AND TASK SCHEDULING K. SUGANYADEVI, V. NANDHALAL, N. THIYAGARAJAN, S. DHANASEKARAN
<b>3.30 - 3.50 PM</b>	LIVER TUMOR GRADE DETECTION USING CNN BASED LSTM MODEL WITH CORELATED FEATURE SET FROM CT IMAGES VENKATESWARLU GAVINI, G.R. JOTHI LAKSHMI
<b>3.50 - 4.10 PM</b>	A BRIEF ANALYSIS ON MACHINE LEARNING CLASSIFIERS FOR INTRUSION DETECTION TO ENHANCE NETWORK SECURITY SPANDANA MANDE, NANDHAKUMAR RAMACHANDRAN, CHANUMOLU KIRAN KUMAR, CH NAGA PRIYANKA
<b>4.10 - 4.30 PM</b>	DETECTION OF TRAFFIC ON THE NETWORK BASED ON A REAL DATASET FOR THE IIM METHOD AND ML-TSDS ALGORITHM SUGIN S.V, M. KANCHANA
<b>4.30 - 4.50 PM</b>	OPTIMAL ALLOCATION OF DISTRIBUTED GENERATION USING MODIFIED GREY WOLF OPTIMIZER IBRAHIM ALKHALEEL ALTAYARA, ESSAM A. AL-AMMAR, GHAZI A. GHAZI, AHMED A.AL KATHERI
<b>4.50 - 5.10 PM</b>	IOT BASED SOLAR TECHNOLOGY MONITORING AND CLEANING SYSTEM H. VIDHYA, U. AKSHAYA, M.G. KEERTHANA, T. DHIVYANANDHINI
<b>5.10 - 5.30 PM</b>	A COMPARATIVE STUDY OF FEATURE SELECTING METHODS FOR ACTIVITY RECOGNITION IN THE SMART HOMES ENVIRONMENT JOHN W. KASUBI, MANJIAH D. HUCHAIAH

**Session-IV -- Parallel Session-II**  
**14, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<i>2.30 - 2.50 PM</i>	A NOVEL MPPT APPROACH FOR A GRID TIED WIND ENERGY SYSTEM D.RAVI KISHORE, B. KAVYA SANTHOSHI, K. SRAVANI, KALPAGURI MARUTHI
<i>2.50 - 3.10 PM</i>	DESIGN AND IMPEMETATION OF COMBINATIONAL LOGIC CIRCUITS USING OPEN SOURCE TOOL N. DIVYA, G. ILAKKIYA, M. DHEERAJ, R. HINDUJA, M. GOKUL NATHAN, M. HARISH
<i>3.10 - 3.30 PM</i>	COVID-19 INFECTION SEGMENTATION USING DEEP LEARNING TECHNIQUES ARYA R, DEEPAK S
<i>3.30 - 3.50 PM</i>	MACHINE LEARNING TECHNIQUES FOR DETECTING DDOS ATTACKS IN SDN M. KAVITHA, M. SUGANTHY, ANIKET BISWAS, R. SRINIVSAN, R. KAVITHA, A. RATHESH
<i>3.50 - 4.10 PM</i>	ARCHITECTURAL DESIGNS AND PERFORMANCE ANALYSIS OF ADIABATIC-BASED 6T, 9T, AND 12T SRAM CELLS PARVATHI M
<i>4.10 - 4.30 PM</i>	A SYSTEMATIC AND BIBLIOMETRIC REVIEW ON FACE RECOGNITION: CONVOLUTIONAL NEURAL NETWORK AAKANKSHA, GURPREET SINGH, JASPREET SINGH, DEVAL VERMA
<i>4.30 - 4.50 PM</i>	NON-SEQUENTIAL INDEXING OF VIDEOS USING LINGUISTIC COMPUTATION SANJANA HUKKERI, ASHISH H, RITU V. MALAGE, PREETHI P, MAMATHA H.R
<i>4.50 - 5.10 PM</i>	DESIGN AND DEVELOPMENT OF NEURO-FUZZY BASED MULTI-LEVEL INVERTER USING FPGA AMEER AHAMED Z, ANUJ JAIN, V.K SHARMA
<i>5.10 - 5.30 PM</i>	RETINAL FUNDUS IMAGE RETRIEVAL AND CLASSIFICATION USING OPTIMAL DEEP LEARNING MODEL S SYED MAHAMOOD SHAZULI, A. SARAVANAN

**Session-IV -- Parallel Session-III**  
**14, December 2022 [2.30 pm- 5.30 pm]**

TIME SLOT	PAPER TITLE / AUTHOR DETAILS
<b>2.30 - 2.50 PM</b>	INTERACTIVE PERFORMANCE INDICATOR DASHBOARD FOR MODERN ENTERPRISE VIDYA DHARANI L, MANIKANTA K, GRACE ANZEL G, SASI KIRAN V, SRITHAR S, ARAVINTH S S
<b>2.50 - 3.10 PM</b>	SWITCHING AND MORPHOLOGICAL STUDIES ON SI 15 TE 80 CU 5 GLASS AND THIN FILM DIPTOSHI ROY, CHANDASREE DAS
<b>3.10 - 3.30 PM</b>	PERFORMANCE ANALYSIS OF SLOTTED MICROSTRIP ANTENNA WITH VARIANT SUBSTRATES R GAYATHRI, T PERARASI, M LEEBAN MOSES, P RAMYA
<b>3.30 - 3.50 PM</b>	OVERVIEW ON BATTERY MANAGEMENT SYSTEM AND ENERGY STORAGE SYSTEM OF ELECTRIC VEHICLE SANITHA MICHAIL C, CHITHRA M, NITHARA P V, RESHMA P ELDHO
<b>3.50 - 4.10 PM</b>	ENHANCED VEHICLE PLATE IDENTIFICATION USING YOLO GAYANA M N, ALONIE JANE CRASTA, SHREENATH ACHARYA, CAROL DSOUZA, DIVYA CHERYL MORAS, KARVENDER SINGH
<b>4.10 - 4.30 PM</b>	TWITTER SENTIMENT ANALYSIS WITH MACHINE LEARNING M.JAGADEESAN, T.M. SARAVANAN, U. ASIF ALI, J. ARUNSIVARAJ
<b>4.30 - 4.50 PM</b>	HYBRID PARTICLE SWARM OPTIMIZATION WITH DEEP LEARNING DRIVEN SARCASM DETECTION ON SOCIAL MEDIA J. ANITHA JOSEPHINE, MD. ABUL ALA WALID, MOHAMMAD SHABBIR ALAM, SANTOSH KUMAR MAHARANA, THULASIMANI T, MOHIT TIWARI
<b>4.50 - 5.10 PM</b>	EXPLORATORY ANALYSIS ON GEO-LOCATIONAL DATA S. RAVI KISHAN, KRISHNA SAHITHI KAKUNURI, AKSHITHA RAJ PARASA, VAMSIPRIYA PATLOLLA, PRATHAP GAMINI
<b>5.10 - 5.30 PM</b>	DISTANCE ESTIMATION FOR COLLISION AVOIDANCE OF MICRO AERIAL VEHICLES USING LIDAR SENSOR HEMANTH VERMA PINNAMARAJU, PRASHANTH REDDY KAPU, ADI NARAYANA JUTURU, ANBARASU B



**Session-IV -- Parallel Session-IV**  
**14, December 2022 [2.30 pm- 5.30 pm]**

<b>TIME SLOT</b>	<b>PAPER TITLE / AUTHOR DETAILS</b>
<b>2.30 - 2.50 PM</b>	CONTRAST ENHANCEMENT OF LUNG CANCER CT SCAN IMAGES USING MODIFIED-DUALISTIC SUB-IMAGE HISTOGRAM EQUALIZATION K. EZHILRAJA, P. SHANMUGAVADIVU
<b>2.50 - 3.10 PM</b>	CLASSHOTEL: APPLICATION OF DATA ANALYTIC TECHNIQUES FOR ONLINE HOTEL RECOMMENDATION R RAJA SUBRAMANIAN, M POOJITH REDDY, K KOUSIK, S RUPESH, S ROHITH, B V SAI KUMAR
<b>3.10 - 3.30 PM</b>	ANALYSIS OF CNN MODEL WITH TRADITIONAL APPROACH AND CLOUD AI BASED APPROACH UTKARSH KUSHWAHA, PUJA GUPTA, SONU AIREN, MEGHA KULIHA
<b>3.30 - 3.50 PM</b>	POACEAE FAMILY LEAF DISEASE IDENTIFICATION AND CLASSIFICATION APPLYING MACHINE LEARNING ARPANA PRASAD, V ASHA, BINJU SAJU, LIKHITHA S, MAYURI P