

**3RD INTERNATIONAL CONFERENCE ON TRENDS IN ELECTRONICS
AND INFORMATICS (ICOEI 2019)**

23-25 April 2019 | SCAD College of Engineering and Technology

Registered Paper

SCHEDULE FOR PRESENTATION

**DAY - I
23.4.2019**

- 08.00am-4.00 pm -Registration
- 08.45am-09.15 am-Inauguration
- 09.15am-10.15 am-Keynote Address
- 10.15am-10.45 am-Tea Break
- 10.30am-12.30 pm -Session I
- 12.30pm-02.00 pm-Lunch Break
- 01.30pm-03.30 pm-Session II
- 03.15pm-04.15 pm-Tea Break
- 03.45pm-06.00 pm-Session III

**DAY - II
24.4.2019**

- 08.00am- 04.0 pm-Registration
- 08.30am -09.30 am-Keynote Address
- 09.30am-11.30 am-Session IV
- 11.15am-11.45am-Tea Break
- 11.30am- 01.30pm-Session V
- 12.30 pm-02.00 pm-Lunch break
- 01.45 pm -03.45 pm-Session VI
- 03.15 pm-04.15 pm-Tea Break
- 4.00 pm-6.20 pm-Session VII
- 6.30 pm-7.00 pm-Valedictory function

Presentation Time: 20 Minutes; Presentation Format: Power Point

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Session-I -- Parallel Session-I
23th April 2019 [10.30am-12.10 pm]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	MEMRISTOR BASED RELAXATION OSCILLATOR FOR BIOMEDICAL APPLICATIONS ANJANAKUMARI B T, BHOOMIKA C M, ABHINANDAN AJIT JUGALE, MOHAMMED RIYAZ AHMED
10.50 AM TO 11.10 AM	PREDICTIVE ANALYSIS AND MODELING OF CUSTOMER CHURN IN TELECOM USING MACHINE LEARNING TECHNIQUE B.N.KRISHNA SAI, T. SASIKALA
11.10 AM TO 11.30 AM	AN EFFICIENT FUSED FLOATING-POINT DOT PRODUCT UNIT USING VEDIC MATHEMATICS DASARI LAKSHMI PRASANNA, E. PRABHU
11.30 AM TO 11.50 AM	CHECKPOINTS ASSIGNMENT ON CYBER-PHYSICAL DIGITAL MICROFLUIDIC BIOCHIPS FOR EARLY DETECTION OF HARDWARE TROJANS DEBASIS GOUNTIA, SUDIP ROY
11.50 AM TO 12.10 PM	LEAKAGE RESILIENT SEARCHABLE SYMMETRIC ENCRYPTION WITH PERIODIC UPDATION SHRISHTI, MANOHAR SAI BURRA, CHANCHAL MAURYA AND SOUMYADEV MAITY

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23th April 2019[10.30am-12.10 pm]

TIME SLOT	TITLE/AUTHOR NAME
10.30 AM TO 10.50 AM	A PROFICIENT MODEL FOR VEHICULAR TRACKING USING GPS TRACKING SYSTEM DEVIKA R, SAI VAISHNAVI AVILALA, V.SUBRAMANIASWAMY
10.50 AM TO 11.10 AM	AN EFFICIENT OBJECT DETECTION MODEL USING CONVOLUTION NEURAL NETWORKS DR. ULAGAMUTHALVI, J.B. JANET FELICITA, ABINAYA D
11.10 AM TO 11.30 AM	ENHANCED DATA SECURITY USING A NOVEL CRYPTOGRAPHIC ALGORITHM DEEP CHHOWALA
11.30 AM TO 11.50 AM	EFFICIENCY ENCHANCEMENT OF CLASS-E POWER AMPLIFIER IN VHF RADIO FREQUENCY SPECTRUM FOR LAND MOBILE RADIO SYSTEM ARUNA A.S, JEGADISH KUMAR K,J
11.50 AM TO 12.10 PM	GRAPH ENERGY RANKING FOR SCALE-FREE NETWORKS USING BARABASI-ALBERT MODEL MAHADEVI S.,S. S. KAMATH

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**Session-II -- Parallel Session-I
23th April 2019 [01.30pm-03.30pm]**

TIME SLOT	TITLE/AUTHOR NAME
1.30 PM TO 1.50 PM	HIDING SENSITIVE ASSOCIATION RULES USING MODIFIED GENETIC ALGORITHM JANKI PATEL, PRIYANKA SHAH
1.50 PM TO 2.10 PM	SMART DISASTER MANAGEMENT AND PREVENTION USING REINFORCEMENT LEARNING IN IOT ENVIRONMENT PROF. YOGESH S. LONKAR, ABHINAV SUDHAKAR BHAGAT, SD AASIF SD MANJUR
2.10 PM TO 2.30 PM	A SURVEY ON TASK SCHEDULING USING INTELLIGENT WATER DROPS ALGORITHM IN CLOUD COMPUTING VINAY AHARI, VENKATESAN R, D PONMARY PUSHPA LATHA
2.30 PM TO 2.50 PM	VOLTAGE STABILITY ANALYSIS OF IEEE 14 BUS SYSTEM WITH SVC AND TCSC RAHUL PRADIP, DR. CHETAN.D. KOTWAL
2.50 PM TO 3.10 PM	ENERGY CONSUMPTION ANALYSIS AND LOAD MANAGEMENT FOR SMART HOME MS.ASWATHI BALACHANDRAN, MRS.RAMALAKSHMI, MR.VENKATESAN, MS.MAHA LAKSHMI, MS.KODAVATI JAHNAVI, MS.JOTHI V
3.10 PM TO 3.30 PM	EXPLORING ONLINE AD IMAGES USING A CLUSTERING APPROACH KRUSHIL M. BHADANI, BIJAL TALATI

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Session-II -- Parallel Session-II
23th April 2019[01.30pm-03.30 pm]

TIME SLOT	TITLE/AUTHOR NAME
1.30 PM TO 1.50 PM	AUTOMATED SYSTEM FOR COUNTING BLOOD CELLS DR. A. SIVASANGARI, SIRAMDASU MOULI, CHERUKURI KARTHIK
1.50 PM TO 2.10 PM	PERFORMANCE ANALYSIS OF CMOS BANDGAP VOLTAGE REFERENCE USING SINGLE NODE CURRENT-MODE APPROACH SHISHU PAL, ASHUTOSH NANDI
2.10 PM TO 2.30 PM	SMART CITIES: REVIEW OF CHARACTERISTICS, COMPOSITION, CHALLENGES AND TECHNOLOGIES SONAM PATHAK, MANISH PANDEY
2.30 PM TO 2.50 PM	PAPER BASED CONFORMAL ANTENNA SHIVALI SINGH, SAKSHI KUMARI, VIBHA RANI GUPTA
2.50 PM TO 3.10 PM	IMPROVED TEST COVERAGE BY OBSERVATION POINT INSERTION VEENA V, E. PRABHU, NAVYA MOHAN
3.10 PM TO 3.30 PM	IMPLEMENTATION OF IOT IN MULTIPLE FUNCTIONS ROBOTIC ARM: A SURVEY JOY BLESSY.U, MARIYA CHRISTEENA VINITHA.K, DR.S.GOWRI

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**Session-III -- Parallel Session-I
23th April 2019 [03.45 pm-06.00 pm]**

TIME SLOT	TITLE/AUTHOR NAME
3.45 PM TO 4.05 PM	HYBRID FEATURE BASED OBJECT MINING AND TAGGING HEMALI PATEL, MILIN M PATEL, RASHMIN B PRAJAPATI
4.05 PM TO 4.25 PM	A TWITTER BASED OPINION MINING TO PERFORM ANALYSIS GEOGRAPHICALLY DHRUVI K. ZALA, ANKITA GANDHI
4.25 PM TO 4.45 PM	PERFORMANCE OF HYBRID CASCADED ASYMMETRICAL 21- LEVEL INVERTER WITH REDUCED SWITCHES MANORANJAN KACHHAP, MADAN KUMAR DAS, PARESH KUMAR NAYAK
4.45 PM TO 5.05 PM	PRIVACY PRESERVING APPROACH USING T-CLOSNESS AND PAILLER ENCRYPTION JIGNASHA KAPADIYA, JAIMEEL SHAH
5.05 PM TO 5.25 PM	NOVEL COLOUR DERIVATIVE BASED APPROACH FOR CDR ESTIMATION IN GLAUCOMA DIAGNOSIS SRINITHI.V, LAVANYA.R
5.25 PM TO 5.45 PM	A REVIEW ON PERFORMANCE ANALYSIS OF DIFFERENT PEROVSKITE SOLAR CELLS JYOTI MISHRA, DEVENDRA KUMAR SHARMA

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**Session-III -- Parallel Session-II
23th April 2019 [03.45 pm-06.00 pm]**

TIME SLOT	TITLE/AUTHOR NAME
3.45 PM TO 4.05 PM	DOCKER SWARM AND KUBERNETES IN CLOUD COMPUTING ENVIRONMENT NIKHIL MARATHE, ANKITA GANDHI, JAIMEEL M SHAH
4.05 PM TO 4.25 PM	MEMRISTOR BASED CHAOTIC CIRCUIT DESIGN FOR SECURE COMMUNICATION ABHINANDAN AJIT JUGALE, BHOO MIKA C M, ANJANAKUMARI B T, MOHAMMED RIYAZ AHMED
4.25 PM TO 4.45 PM	CARDIAC AUSCULTATION MONITORING SYSTEM USING PHONOCARDIOGRAPH AKSHAY A. SULKEKAR, UTTAM M. CHASKAR, NACHIKET M. WADALKAR
4.45 PM TO 5.05 PM	CRYPTO-CURRENCY PRICE PREDICTION USING DECISION TREE AND REGRESSION TECHNIQUES KARUNYA RATHAN, SOMAROUTHU VENKAT SAI, TUBATI SAI MANIKANTA
5.05 PM TO 5.25 PM	A STATE OF ART APPROACHES ON DEEP LEARNING MODELS IN HEALTHCARE: AN APPLICATION PERSPECTIVE K .YAZHINI, DR. D. LOGANATHAN
5.25 PM TO 5.45 PM	SENSOR-LESS CONTROL OF PERMANENT MAGNET SYNCHRONOUS MOTOR YOGESHWARI M PRAJAPATI, NILESH K JAISWAL

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Session-IV -- Parallel Session-I
24 April 2019 [09.30am-11.30 am]

TIME SLOT	TITLE/AUTHOR NAME
9.30 AM TO 9.50 AM	DETECTION OF QUALITY IN ORANGE FRUIT IMAGE USING SVM CLASSIFIER HARDIK PATEL, RASHMIN PRAJAPATI, MILIN PATEL
9.50 AM TO 10.10 AM	PRIVACY PRESERVING IMAGE TRANSMISSION USING RANDOM PATTERN MOSAIC IMAGES STEGANOGRAPHY DHURVAL KACHHIYA, KEYUR N UPADHAYAY, RASHMIN B PRAJAPATI
10.10 AM TO 10.30 AM	GUJARATI HANDWRITTEN WORD RECOGNITION SYSTEM USING MACHINE LEARNING AND SEGMENTATION APPROACH KAJALBEN H. VYAS, PROF. NARENDRASINH B. GOHIL
10.30 AM TO 10.50 AM	MULTIBAND ANTENNA DESIGN FOR SMARTPHONE COVERING 2G, 3G, 4G AND 5G NR FREQUENCIES ARUMITA BISWAS, VIBHA RANI GUPTA
10.50 AM TO 11.10 AM	IOT BASED MODEL OF AUTOMATED AGRICULTURAL SYSTEM IN INDIA SHIVANG RAJ, SAKSHAM SEHRAWET, NIKHIL PATWARI, SATHIYA KUMAR C
11.10 AM TO 11.30 AM	IMPACTS OF PCA ON FACE RECOGNITION SYSTEM S.PRINCY SUGANTHI BAI, DR.D.PONMARY PUSHPA LATHA,

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Session-IV -- Parallel Session-II
24 April 2019 [09.30am-11.30 am]

TIME SLOT	TITLE/AUTHOR NAME
9.30 AM TO 9.50 AM	HYPERPARAMETER TUNING FOR ENHANCED AUTHORSHIP IDENTIFICATION USING DEEP NEURAL NETWORKS TARUN KUMAR DUGAR, GOWTHAM S, UDIT KR. CHAKRABORTY
9.50 AM TO 10.10 AM	SINGLE IMAGE SUPER-RESOLUTION BASED ON MODIFIED INTERPOLATION METHOD USING MLP AND DWT SHEETAL SHIVAGUNDE, MANTOSH BISWAS
10.10 AM TO 10.30 AM	SECURE APPLICATION FOR SHARING HEALTH RECORDS USING IDENTITY AND ATTRIBUTE BASED CRYPTOSYSTEMS IN CLOUD ENVIRONMENT PRANEETA K. MAGANTI, P. M. CHOURAGADE
10.30 AM TO 10.50 AM	TWO STAGE CLASS AB OP-AMP FOR VIDEO APPLICATIONS BITTY JOSE, LITTY JOSE, SHERIL KIRUBA R, PRACHI MEDLINE EKKA, S. SRIDEVI SATHYA PRIYA
10.50 AM TO 11.10 AM	FAKE NEWS DETECTION USING MACHINE LEARNING APPROACHES: A SYSTEMATIC REVIEW SYED ISHFAQ MANZOOR, DR JIMMY SINGLA, NIKITA
11.10 AM TO 11.30 AM	CNN BASED AUTO-ASSISTANCE SYSTEM AS A BOON FOR DIRECTING VISUALLY IMPAIRED PERSON SAMKIT SHAH, JAYRAJ BANDARIYA, GARIMA JAIN, MAYUR GHEVARIYA, SAROSH DASTOOR

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Session-V -- Parallel Session-I
24 April 2019 [11.30am-01.30 pm]

TIME SLOT	TITLE/AUTHOR NAME
11.30 AM TO 11.50 AM	COMPARATIVE ANALYSIS OF ROUTING ALGORITHMS IN WIRELESS SENSOR NETWORKS SHREEKANT BUJURKE, LAYAK ALI
11.50 AM TO 12.10 PM	QUATERNION HADAMARD TRANSFORM AND QR DECOMPOSITION BASED ROBUST COLOR IMAGE WATERMARKING K. PRABHA, VAISHNAVI M J, DR. I. SHATHEESH SAM
12.10 PM TO 12.30 PM	REDUCTION OF TRAFFIC ON ROADS USING BIG DATA APPLICATIONS DR. P. AJITHA, G. LAKSHMI MOUNICA, C. LAKSHMI PRATHYUSHA, DR. A. SIVASANGARI
12.30 PM TO 12.50 PM	DEVELOPMENT OF ELECTRICAL IMPEDANCE SENSOR SYSTEM FOR MILK ADULTERATION (A1 AND A2) NACHIKET M. WADALKAR, ROHINI P. MUDHALWADKAR, AKSHAY A. SULKEKAR
12.50 PM TO 1.10 PM	TRANSMISSION OF BIOMEDICAL SIGNAL USING VLC BASED SYSTEM IN HOSPITALS PRASHANT WAGH, DR.S.L.PATIL
1.10 PM TO 1.30 PM	NON-LINEAR TANK LEVEL CONTROL USING FRACTIONAL PI KRUSHNA D. PATEL, DR.S.L.PATIL

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Session-V -- Parallel Session-II
24 April 2019 [11.30am-01.30 pm]

TIME SLOT	TITLE/AUTHOR NAME
11.30 AM TO 11.50 AM	CONTEXT AWARE PERSONALIZED POI RECOMMENDATION WITH MULTIPLE TOURIST INFORMATION USING HIERARCHICAL MODELING RASHMI A. WAHURWAGH, P. M. CHOURAGADE
11.50 AM TO 12.10 PM	ANALYZING THE POWER OF SOCIAL MEDIA IN SOLVING URBAN ISSUES: A NEW AGED COMMUNITY HELPER PRANALI YENKAR, DR.S.D.SAWARKAR
12.10 PM TO 12.30 PM	ARTERY AND VEIN CLASSIFICATION FOR HYPERTENSIVE RETINOPATHY KIRUTHIKA. M, SWAPNA. T.R, SANTHOSH KUMAR. C, PEEYUSH. K.P

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**Session-VI -- Parallel Session-I
24 April 2019 [01.45pm-03.45 pm]**

TIME SLOT	TITLE/AUTHOR NAME
1.45 PM TO 2.05PM	MYTHYA: FAKE NEWS DETECTOR, REAL TIME NEWS EXTRACTOR AND CLASSIFIER ASHOKKUMAR THAKUR, SUJIT SHINDE, TEJAS PATIL, BRIJESH GAUD, VANITA BABANNE
2.05 PM TO 2.25 PM	LINUX SERVER BASED AUTOMATIC ONLINE TICKETING KIOSK ARVIND VISHNUBHATLA
2.25 PM TO 2.45 PM	A RELIABLE AUTOMATION OF MOTORIZED BERTH CLIMB ARVIND VISHNUBHATLA
2.45 PM TO 3.05 PM	REQUIREMENT GATHERING FOR MULTI-TASKING AUTONOMOUS BUS ARVIND VISHNUBHATLA
3.05 PM TO 3.25 PM	BOILER DRUM LEVEL CONTROL ANALYSIS AND COMPARISON BETWEEN CONVENTIONAL PID AND FUZZY LOGIC TUNED PID AKSHAY BALAPRASAD KABRA, PROF. DR.S.L.PATIL
3.25 PM TO 3.45 PM	HUMAN FALL DETECTION MOVEMENT USING IOT AND MACHINE LEARNING APPROACH A.SIVASANGARI, E.BRUMANCIA, AKASHSAREEN, TUSHAR CHOUDHARY

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Session-VII -- Parallel Session-I
24 April 2019 [4.00 pm -06.30 pm]

TIME SLOT	TITLE/AUTHOR NAME
4.00 PM TO 4.20 PM	IMPROVEMENT IN TRAVEL EXPERIENCE USING COGNITIVE COMPUTING TEJASWINI MANDAVA, Y. MOHANA ROOPA, M. MADHU BALA
4.20 PM TO 4.40 PM	GLOBAL USER SOCIAL NETWORKING RANKING STATISTICS DR. P. AJITHA, BANA SURESH KUMAR REDDY, BALINA PRUDHVI
4.40 PM TO 5.00 PM	DEVELOPMENT OF SENSOR SYSTEM TO DETECT LEAD AND CADMIUM IN CONTAMINATED WATER FOR DETECTING OSTEOPOROSIS FRACTURE CHETANA DEORAO NAVGHARE, DR. ROHINI P. MUDHALWADKAR
5.00 PM TO 5.20 PM	A STUDY ON WATERMARKING AND FLEXPAD DUGGASANI ANUSHA, VASAVI. K, M.RAJASEKHAR REDDY
5.20 PM TO 5.40 PM	BREAST CANCER PREDICTION VIA MACHINE LEARNING MAMATHA SAI YARABARLA, LAKSHMI KAVYA RAVI, DR. A. SIVASANGARI
5.40 PM TO 6.00 PM	AN OBJECT TRACKING ALGORITHM BASED ON MOTION-TUNED CONTINUOUS WAVELET TRANSFORM S.SAJIKUMAR, A.K.ANILKUMAR
6.00 PM TO 6.20 PM	LSB ELIMINATION BASED FEATURE EXTRACTION FOR OUTSOURCED IMAGE RETRIEVAL IN ENCRYPTED IMAGES K.NALINI SUJANTHA BEL, DR. I. SHATHEESH SAM

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