

**3RD INTERNATIONAL CONFERENCE ON COMPUTATIONAL VISION
AND BIO INSPIRED COMPUTING (ICCVBIC 2019)**

Conference Date: September 25-26, 2019

Venue: Hotel Arcadia, Coimbatore

PROGRAM SCHEDULE

CONFERENCE DAY 1

(25th September 2019)

07.45am-4.30pm-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

CONFERENCE DAY 2

(26th September 2019)

08.00am- 04.30 pm-Registration
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-6.00 pm-Session VII
6.00 pm-7.00 pm-valedictory function

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-I || Soft Computing-I
September 25th 2019|| 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 TO 10.45 AM	TWO-PHASE MACHINE LEARNING APPROACH FOR EXTRACTIVE SINGLE DOCUMENT SUMMARIZATION MANJU PRIYA A R, DEEPA GUPTA
10.45 TO 11.00AM	HUMAN POSE DETECTION: A MACHINE LEARNING APPROACH MUNINDRA KAKATI, PARISMITA SARMA
11.00 TO 11.15AM	MACHINE LEARNING ALGORITHM IN SMART FARMING FOR CROP IDENTIFICATION VINDYA N.D, H.K. VEDAMURTHY
11.15 TO 11.30AM	IMPLEMENTATION OF REAL-TIME SKIN SEGMENTATION BASED ON K-MEANS CLUSTERING METHOD SOURANIL DE, SOUMIK RAKSHIT, ABHIK BISWAS, SRINJOY SAHA , PROF. SUJOY DATTA,
11.30 TO 11.45AM	PREDICTION OF FETAL DISTRESS USING LINEAR AND NON- LINEAR FEATURES OF CTG SIGNALS E. RAMANUJAM, T. CHANDRAKUMAR, K. NANDHANA, N. T. LAKSHMI
11.45 TO 12.00PM	SEGMENTATION ALGORITHM USING TEMPORAL FEATURES AND GROUP DELAY FOR SPEECH SIGNALS J.S.MOHITH BVARMA,B.GIRISH K REDDY, .V.S.N.KOUSHIK,K.JEEVA PRIYA,
12.00 TO 12.15PM	DISEASE INFERENCE ON MEDICAL DATASETS USING MACHINE LEARNING AND DEEP LEARNING ALGORITHMS ARUNKUMAR CHINNASWAMY , RAMAKRISHNAN SRINIVASAN , DESAI PRUTHA GAURANG
12.15 TO 12.30PM	A COMPREHENSIVE SURVEY ON WEB RECOMMENDATIONS SYSTEMS WITH SPECIAL FOCUS ON FILTERING TECHNIQUES AND USAGE OF MACHINE LEARNING ASHA K N, DR. R RAJKUMAR

Session-I || Image Processing-I
September 25th 2019|| 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 TO 10.45 AM	SENSOR BASED NON INVASIVE DUAL MONITORING SYSTEM TO MEASURE GLUCOSE AND POTASSIUM LEVEL IN HUMAN BODY SITHARA SURENDRAN K T, SASIKALA T
10.45 TO 11.00AM	AN IMAGE PROCESSING BASED APPROACH FOR MONITORING CHANGES IN WEBPAGES RAJ KOTHARI, GARGI VYAS
11.00 TO 11.15AM	AN EFFECTIVE IMPUTATION MODEL FOR VEHICLE TRAFFIC DATA USING STACKED DENOISE AUTOENCODER S.NARMADHA, DR.V.VIJAYAKUMAR
11.15 TO 11.30AM	VEHICLE DETECTION USING POINT CLOUD AND 3D LIDAR SENSOR TO DRAW 3D BOUNDING BOX GAGANA H S, DR. N.R SUNITHA, NISHANTH K N
11.30 TO 11.45AM	A STATE OF ART METHODOLOGY FOR REAL-TIME SURVEILLANCE VIDEO DENOISING FANCY JOY, DR. V. VIJAYAKUMAR
11.45 TO 12.00PM	EFFICIENT RANKING FRAMEWORK FOR INFORMATION RETRIEVAL USING SIMILARITY MEASURE SHADAB IRFAN, SUBHAJIT GHOSH
12.00 TO 12.15PM	AN EXPERIMENT WITH RANDOM WALKS AND GRABCUT IN ONE CUT INTERACTIVE IMAGE SEGMENTATION TECHNIQUES ON MRI IMAGES ANUJA DESHPANDE , PRADEEP DAHIKAR , PANKAJ AGRAWAL ,
12.15 TO 12.30PM	PERSONALITY TRAIT WITH E-GRAPHOLOGIST PRANOTI S. SHETE, ANITA THENGADE

Session-I || Image Processing-II
September 25th 2019|| 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 TO 10.45 AM	ADVANCE ASSESSMENT OF NEURAL NETWORK FOR IDENTIFICATION OF DIABETIC NEPHROPATHY USING RENAL BIOPSIES IMAGES YOGINI B.PATIL 1, SEEMA KAWATHEKAR
10.45 TO 11.00AM	DEEP LEARNING MODEL FOR IMAGE CLASSIFICATION SUDARSHANA TAMULY, C. JYOTSNA, AMUDHA J.
11.00 TO 11.15AM	CONVERSION FROM LOSSLESS TO GRAY SCALE IMAGE USING COLOR SPACE CONVERSION MODULE SRIDHAR C S , MAHADEVAN.G , S.K.KHADAR BASHA, DR.P SUDIR
11.15 TO 11.30AM	PANCREATIC TUMOUR SEGMENTATION IN RECENT MEDICAL IMAGING – AN OVERVIEW SINDHU.A, DR.V.RADHA
11.30 TO 11.45AM	RETINAL IMAGE CLASSIFICATION SYSTEM USING MULTI PHASE LEVEL SET FORMULATION AND ANFIS
11.45 TO 12.00PM	EXPLORATION OF RGB-BASED IMAGE PROCESSING METHOD FOR THE DETECTION OF BORER PEST ATTACK YOGINI PRABHU, DR. JIVAN S. PARAB, DR.GAURISH M. NAIK

Session-I || Soft Computing-II
September 25th 2019|| 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 TO 10.45 AM	HAMILTONIAN FUZZY CYCLES IN GENERALIZED QUARTIC FUZZY GRAPHS WITH GIRTH K N. JAYALAKSHMI, S. VIMAL KUMAR, P. THANGARAJ
10.45 TO 11.00AM	ASSISTIVE COMMUNICATION APPLICATION FOR AMYOTROPHIC LATERAL SCLEROSIS PATIENTS T. SHRAVANI, RAMYA SAI, M. VANI SHREE , AMUDHA J, JYOTSNA C
11.00 TO 11.15AM	AN ONLINE PLATFORM FOR DIAGNOSIS OF CHILDREN WITH READING DISABILITY P.SOWMYASRI, R.RAVALIKA, JYOTSNA C, AMUDHA J.
11.15 TO 11.30AM	EFFECTIVE MODEL INTEGRATION ALGORITHM FOR IMPROVING PREDICTION ACCURACY OF HEALTHCARE ONTOLOGY MONIKA P, G T RAJU
11.30 TO 11.45AM	SENTIMENT ANALYSIS OF AMAZON BOOK REVIEW DATA USING LEXICON BASED ANALYSIS FATEMA KHATUN, S. M. MAZHARUL HOQUE CHOWDHURY,ZERIN NASRINTUMPA , SK. FAZLEE RABBY, SYED AKHTER HOSSAIN, SHEIKH ABUJAR,
11.45 TO 12.00PM	DETECTION OF LEAF DISEASE USING HYBRID FEATURE EXTRACTION TECHNIQUES AND CNN CLASSIFIER VIDYASHREE KANABUR, SUNIL S HAKANNANAVAR, VEENA I PURNIKMATH,PRAMOD HULLOLE, DATTAPRASAD TORSE
12.00 TO 12.15PM	BLEEDING AND Z-LINE CLASSIFICATION BY DWT BASED SIFT USING KNN AND SVM R PONNUSAMY1, S SATHIAMOORTHY

Session-II || Soft Computing -I
September 25th 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 TO 1.45 PM	A REVIEW ON BUSINESS INTELLIGENCE SYSTEMS USING ARTIFICIAL INTELLIGENCE AASTHA JAIN, DHRUVESH SHAH, PRATHAMESH CHURI
1.45 TO 2.00PM	ARTIFICIAL INTELLIGENCE BASED SYSTEM FOR PRELIMINARY ROUNDS OF RECRUITMENT PROCESS? SAYLI UTTARWAR, SIMRAN GAMBANI, TEJ THAKKAR,NIKAHAT MULLA
2.00 TO 2.15PM	BRAIN COMPUTER INTERFACE BASED EPILEPSY ALERT SYSTEM USING NEURAL NETWORKS SAYALI M. DHONGADE, NILIMA R. KOLHARE , RAJENDRA P. CHAUDHARI
2.15 TO 2.30PM	EYE MOVEMENT EVENT DETECTION WITH DEEP NEURAL NETWORKS ANUSREE K, AMUDHA J.
2.30 TO 2.45PM	A REVIEW ON VARIOUS BIOMETRIC TECHNIQUES, ITS FEATURES, METHODS, SECURITY ISSUES AND APPLICATION AREAS. M. GAYATHRI, DR.C. MALATHY, M. PRABHAKARAN
2.45 TO 3.00PM	OPTIMIZED MACHINE LEARNING MODELS FOR DIAGNOSIS AND PREDICTION OF HYPOTHYROIDISM AND HYPERTHYROIDISM MANOJ CHALLA
3.00 TO 3.15PM	PLASTIC WASTE PROFILING USING DEEP LEARNING MAHADEVAN NARAYANAN, APURVA MHATRE, AJUN NAIR, AKILESH PANICKER, ASHUTOSH DHONDKAR
3.15 TO 3.30PM	ANALYZING UNDERWATER VIDEOS FOR FISH DETECTION, COUNTING AND CLASSIFICATION G. DURGA LAKSHMI, RAGHESH KRISHNAN K

Session-II || Image Processing -I
September 25th 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 TO 1.45 PM	DETECTION AND REMOVAL OF RAINDROP FROM IMAGES USING DEEPLARNING HIMABINDU Y,MANJUSHA R Y,LATHA PARAMESWARAN
1.45 TO 2.00PM	OBJECT DETECTION AND CLASSIFICATION USING GPU ACCELERATION SHREYANK PRABHU, VISHAL KHOPKAR, SWAPNIL NIVENDKAR, OMKAR SATPUTE, VARSHAPRIYA JYOTINAGAR
2.00 TO 2.15PM	A REVIEW ON RECENT DEVELOPMENTS FOR THE RETINAL VESSEL SEGMENTATION METHODOLOGIES AND EXUDATE DETECTION IN FUNDUS IMAGES USING DEEP LEARNING ALGORITHMS SILPA AJITH KUMAR1, J.SATHEESH KUMAR
2.15 TO 2.30PM	IMAGE COMPLETION OF HIGHLY NOISY IMAGES USING DEEP LEARNING PIYUSH AGRAWAL, SAJAL KAUSHIK
2.30 TO 2.45PM	FACIAL RECOGNITION WITH OPEN CV AMIT THAKUR, ABHISHEK PRAKASH, AKSHAY KUMAR MISHRA, ADARSH GOLDAR, AYUSH SONKAR
2.45 TO 3.00PM	SMART IMAGING SYSTEM FOR TUMOR DETECTION IN LARYNX USING RADIAL BASIS FUNCTION NETWORKS N.P.G. BHAVANI1A, K.SUJATHA, V. KARTHIKEYAN, R. SHOBARANI, S. MEENA SUTHA
3.00 TO 3.15PM	VIRTUAL VISION FOR BLIND PEOPLE USING MOBILE CAMERA AND SONAR SENSORS SHAMS SHAHRIAR SUNY, SETU BASAK, S. M. MAZHARUL HOQUE CHOWDHURY
3.15 TO 3.30PM	HUMAN FACE RECOGNITION USING LBP ALGORITHM - REAL TIME VALIDATION SHUBHA. P,DR. M. MEENAKSHI

Session-II || Soft Computing -II
September 25th 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 TO 1.45 PM	INFERRING MACHINE LEARNING BASED PARAMETER ESTIMATION FOR TELECOM CHURN PREDICTION J.PAMINA, J.BESCHI RAJA ,S.SAMPETER,S.SOUNDRYA, S.SATHYA BAMA,M.S.SRUTHI
1.45 TO 2.00PM	ADVANCED TECHNIQUES TO ENHANCE HUMAN VISUAL ABILITY – A REVIEW VANI A, DR. MAMATHA MN
2.00 TO 2.15PM	DETECTION OF LUNG NODULES USING UNSUPERVISED MACHINE LEARNING METHOD RAJ KISHORE, MANORANJAN SATPATHY, D. K. PARIDA, ZOHAR NUSSINOV,
2.15 TO 2.30PM	COMPARISION OF DYNAMIC PROGRAMMING AND GENETIC ALGORITHM APPROACHES FOR SOLVING SUBSET SUM PROBLEMS KONJETI HARSHA SAKETH, JEYAKUMAR G
2.30 TO 2.45PM	CROSS MEDIA FEATURE RETRIEVAL AND OPTIMIZATION: A CONTEMPORARY REVIEW OF RESEARCH SCOPE, CHALLENGES AND OBJECTIVES MONELLI AYYAVARAI AH, DR.BONDU VENKATESWARLU
2.45 TO 3.00PM	UNSUPERVISED CLUSTERING ALGORITHM AS REGION OF INTEREST PROPOSALS FOR CANCER DETECTION USING CNN AJAY K. GOGINENI,RAJ KISHORE,PRANAY RAJ , SUPRAVA NAIK, KISOR K. SAHU
3.00 TO 3.15PM	IRIS RECOGNITION USING BICUBIC INTERPOLATION AND MULTI LEVEL DWT DECOMPOSITION PRASHANTH C R, SUNIL S HARAKANNANAVAR ,K B RAJA
3.15 TO 3.30PM	INVESTIGATION OF NON-INVASIVE HAEMOGLOBIN ESTIMATION USING PHOTOPLETHYSMOGRAPH SIGNAL AND MACHINE LEARNING M.LAKSHMI, DR.S.BHAVANI, DR.P.MANIMEGALAI

Session-III || Soft Computing -I
September 25th 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
3.45 TO 4.00 PM	OPTIMIZED MACHINE LEARNING APPROACH FOR THE PREDICTION OF DIABETES-MELLITUS MANOJ CHALLA, DR.R.CHINNAIYAN
4.00 TO 4.15 PM	USING DEEP LEARNING ON SATELLITE IMAGES TO IDENTIFY DEFORESTATION/AFFORESTATION APURVA M., NAVIN KUMAR M., MAHADEVAN NARAYANAN, AADITYA G., AJUN NAIR
4.15 TO 4.30PM	PERSON AUTHENTICATION USING EEG SIGNAL THAT USES CHIRPLET AND SVM SONAL SUHAS SHINDE 1, SWATI S. KAMTHEKAR
4.30 TO 4.45PM	RUMORDETECT: DETECTION OF RUMORS IN TWITTER USING CONVOLUTIONAL DEEP TWEET LEARNING APPROACH BHUVANESWARI AMMA N.G, SELVAKUMAR S
4.45 TO 5.00PM	PREDICTION OF DIABETES MELLITUS TYPE-2 USING MACHINE LEARNING APOORVA S, K ADITYA S, SNIGDHA P, DARSHINI P ,SANJAY H A
5.00 TO 5.15PM	VISION BASED DEEP LEARNING APPROACH FOR DYNAMIC INDIAN SIGN LANGUAGE RECOGNITION IN HEALTHCARE ADITYA P UCHIL, SMRITI JHA, B G SUDHA
5.15 TO 5.30PM	MORLET WAVELET THRESHOLD BASED GLOW WARM OPTIMIZED X- MEANS CLUSTERING FOR FOREST FIRE DETECTION PUSHPA BALASUBARAMANIAN, KAMARASAN MARI
5.30 TO 5.45PM	ARTIFICIAL NEURAL NETWORK HARDWARE IMPLEMENTATION: RECENT TRENDS AND APPLICATIONS JAGRATI GUPTA, DEEPALI KOPPAD

Session-III || Image Processing-I
September 25th 2019|| 3.45pm-6.00 pm

TIME	TITLE/AUTHOR NAME
3.45 TO 4.00 PM	EFFECTIVE SPAM IMAGE CLASSIFICATION USING CNN AND TRANSFER LEARNING SHRIHARI RAO, RADHAKRISHAN GOPALAPILLAI
4.00 TO 4.15 PM	PLANT LEAF DISEASE DETECTION USING MODIFIED SEGMENTATION PROCESS AND CLASSIFICATION K.NIRMALAKUMARI, HARIKUMAR RAJAGURU, P.RAJKUMAR
4.15 TO 4.30PM	GLOBAL NORMALIZATION FOR FINGERPRINT IMAGE ENHANCEMENT DR. MEGHNA B. PATEL DR. SATYEN M. PARIKH DR. ASHOK R. PATEL
4.30 TO 4.45PM	RECURRENT NEURAL NETWORK FOR CONTENT BASED IMAGE RETRIEVAL USING IMAGE CAPTIONING MODEL S.SINDU,R.KOUSALYA
4.45 TO 5.00PM	IMAGE DE-NOISING METHOD USING MEDIAN TYPE FILTER, FUZZY LOGIC AND GENETIC ALGORITHM SANNASI CHAKRAVARTHY S R, HARIKUMAR RAJAGURU
5.00 TO 5.15PM	AN APPLICATION OF CELLULAR AUTOMATA: SATELLITE IMAGE CLASSIFICATION S POONKUNTRAN, V.ABINAYA, S MANTHIRA MOORTHY, M P OZA,
5.15 TO 5.30PM	A SURVEY ON VARIOUS SHADOW DETECTION AND REMOVAL METHODS NIKKIL KUMAR PC ,MALATHI P
5.30 TO 5.45PM	MEDICAL IMAGE REGISTRATION USING LANDMARK REGISTRATION TECHNIQUE AND FUSION REVATHY R, S.VENKATA ACHYUTH KUMAR, V. VIJAY BHASKAR REDDY, BHAVANA.V

Session-III || Soft Computing -II
September 25th 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
3.45 TO 4.00 PM	SENTIMENT ANALYSIS OF MOVIES REVIEWS USING IMPROVED RANDOM FOREST WITH FEATURE SELECTION
4.00 TO 4.15 PM	MINING HIGH UTILITY ITEMSET FOR ONLINE AD PLACEMENT USING PARTICLE SWARM OPTIMIZATION ALGORITHM KEERTHI M. , J ANITHA , SHAKTI AGRAWAL , TANYA VARGHESE
4.15 TO 4.30PM	FSO:ISSUES,CHALLENGES AND HEURISTIC SOLUTIONS SALONI RAI, AMIT KUMAR GARG
4.30 TO 4.45PM	SENTIMENT ANALYSIS ON TWEETS FOR A DISEASE AND TREATMENT COMBINATION R.MEENA, DR.V.THULASI BAI, J. OMANA
4.45 TO 5.00PM	DESIGN OF CANNY EDGE DETECTION HARDWARE ACCELERATOR USING XFOPENCV LIBRARY LOKENDER VASHIST, MUKESH KUMAR
5.00 TO 5.15PM	MEASUREMENT OF ACID CONTENT IN RAIN WATER USING WIRELESS SENSOR NETWORKS AND ARTIFICIAL NEURAL NETWORKS SAKSHI GANGRADE, DR. SRINATH R. NAIDU
5.15 TO 5.30PM	APPLICATION OF CLOUD COMPUTING FOR ECONOMIC LOAD DISPATCH AND UNIT COMMITMENT COMPUTATIONS OF THE POWER SYSTEM NETWORK NITHIYANANTHAN KANNAN, YOUSSEF MOBARAK, FAHD ALHARBI
5.30 TO 5.45PM	DESIGN AND PERFORMANCE ANALYSIS OF ARTIFICIAL NEURAL NETWORK BASED ARTIFICIAL SYNAPSE FOR BIO- INSPIRED COMPUTING B.U.V PRASHANTH, MOHAMMED RIYAZ AHMED