

DAY 1: 08 September 2017	
Venue: Sahukar Channah Auditorium, VVCE Campus, Mysuru	
Time	Program
8.30 AM-9.30 AM	Registration
10:00 AM-11:30 AM	Inauguration
Key Note Address (11:30 AM to 12:15 PM)	

Session I A : 12:30 PM – 1:30 PM		
Track 1: Signal Processing		
Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C205		
Paper ID	Paper Title	Author
CTCEEC-014	Smart Control Of Traffic Light System using Image Processing	Miss Khushi K
CTCEEC-042	Design and development of vehicle tracking and monitoring system	Miss Snehal Uttam Mahamulka
CTCEEC-046	Image Resolution Enhancement Using Discrete Curvelet Transform and Discrete Wavelet Transform	Mrs Shruti Arun Shrirao
CTCEEC-102	Performance Analysis of LP Residual and Correlation Coefficients based Speech Separation Front End	Dr Mahadevaswamy
CTCEEC-131	Feature Extraction & Classification for Personal Identification using Iris	Chandrashekar M Patil

Session I B : 12:30 PM – 1:30 PM		
Track 1: Signal Processing		
Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C206		
Paper ID	Paper Title	Author
CTCEEC-057	Automated Evaluation of Sperm Membrane Structural Integrity using open source software	Mr Raghavendra Maggavi
CTCEEC-066	Video Quality assessment metrics for Infrared Video frames using different Edge Detection algorithms	Mr K. Sai Prasad Reddy
CTCEEC-105	Formant Synthesis of Kannada Consonant Vowel (CV) Co-articulations	Mr Alfred Vivek D'Souza
CTCEEC-067	An Efficient Spectral Domain Approach of Periodic Noise Suppression in Digital Images using Gaussian Filtering Profile	Mr Anirban Chakraborty
CTCEEC-305	A Novel Practice for Face Classification	Krunal Pawar

Session I C : 12:30 PM – 1:30 PM**Track 1: Signal Processing****Venue: VVCE Campus, Dept. of ECE, C-Block, Third Floor, Room No. C313 (VLSI Lab)**

Paper ID	Paper Title	Author
CTCEEC-082	Double Layer PCA based Hyper Spectral Face Recognition using KNN Classifier	Siddharth Dabhade
CTCEEC-130	Relative Pitch Variation algorithm for Modification of pitch in Emotion Conversion	Prof Geethashree A
CTCEEC-108	Accurate classification of remote sensed data for land use/land class of Mangaluru coastal region	Mr Srikrishna Shastri C
CTCEEC-107	Monitoring Traffic Signal Violations using ANPR and GSM	Prof Sandeep R
CTCEEC-197	Medical Image Segmentation Via Optimized K-Means	B.S. Angela Vincy Aldo

1.30 PM – 2:30 PM LUNCH BREAK**Session 2 A : 2:30 PM – 4:00 PM****Track 1: Signal Processing****Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C205**

Paper ID	Paper Title	Author
CTCEEC-175	Comparitive analysis of Speech enhancement techniques: A review	Mr Rohith K
CTCEEC-144	Neutral to Target Speech Conversion using Polynomial Curve Fitting	Akshatha K.V, Geethashree A and Dr. Ravi D J
CTCEEC-153	Digital hearing aid for sensorineural hearing loss (Ski-Slope hearing loss)	Miss Arpitha Nagesh K
CTCEEC-219	Solid Modelling Interaction with Sensors in Virtual Environment for the Application of Virtual Reality Welding	Bharath V G
CTCEEC-006	Implementation of MELP Encoder on Zynq FPGA using HLS	Mr Koushik M
CTCEEC-164	Secure Perceptual Hashing Scheme for Image using Encryption	Prof Sahana M S

Session 2 B : 2:30 PM – 4:00 PM**Track 1: Signal Processing****Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C206**

Paper ID	Paper Title	Author
CTCEEC-176	MEMS and Vision Based Gesture Driven System For Patients	Prof Suchitra M
CTCEEC-279	Image Processing System for Automatic segmentation and yield prediction of fruits using Open CV	T Gayathri Devi and P Neelamegam
CTCEEC-169	Video Anomaly Detection and Classification for Human Activity Recognition	Miss Shyma Zaidi
CTCEEC-285	Efficient Speckle Reduction Techniques in Ultrasound Video Quality Enhancement –A Comparative Evaluation	Mrunal Annadate
CTCEEC-151	ECG and PPG Data Capture using Novel Three Lead Electrode	Prof Sandeep R
CTCEEC-005	MELP Decoder Implementation on Zynq Kit by High Level Synthesis	Shashidhar Shivanagi

Session 2 C : 2:30 PM – 4:00 PM**Track 1: Signal Processing****Venue: VVCE Campus, Dept. of ECE, C-Block, Third Floor, Room No. C313 (VLSI Lab)**

Paper ID	Paper Title	Author
CTCEEC-143	Fiducial Marker Based Probe Depth Estimation Method for Efficient Transesophageal Echocardiography Examination	Mr Sherin Sugathan
CTCEEC-301	Image In painting Through Non local total variation by flower pollination approach and predictive guided patch mixing (Online Presentation)	Deepak Rasaily and Maitreyee Dutta
CTCEEC-146	Perceptual Video Hashing Using 3D Hadamard Transformation	Prof Sandeep R
CTCEEC-294	Application of Distributed Arithmetic in Image and ECG Signal Processing	Naveen Jacob
CTCEEC-148	An Approach of Understanding Human Activity Recognition and Detection for Video Surveillance using HOG descriptor and SVM classifier	Dr Chandrashekar M Patil
CTCEEC-038	A Novel approach for Matching Composite Sketches to Mugshot Photos using the Fusion of SIFT and SURF Feature Descriptor	Abhir Bhandary

4:00 PM – 4:15 PM TEA BREAK

Session 3 A : 4:15 PM – 5:15 PM**Track 2: VLSI, Embedded Systems and Robotics****Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C205**

Paper ID	Paper Title	Author
CTCEEC-281	Structured Megatrends Research as Foundation for future-oriented Research-Planning and R&D Road mapping in Robotics	Dominik Boesl
CTCEEC-093	Assistive Technology solution for Disabled population of India	Sumit Desai, Dr. S. S. Mantha and Dr. Vikas Phalle
CTCEEC-113	A Novel Low Power Dynamic Barrel Shifter using Footed Diode Domino Logic	M Roopa Nandini
CTCEEC-152	Implementation of Braun Multiplier using Full Adder	Mrs Deeksha Kiran D K

Session 3 B : 4:15 PM – 5:15 PM**Track 2: VLSI, Embedded Systems and Robotics****Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C206**

Paper ID	Paper Title	Author
CTCEEC-171	Performance Analysis of a Low Power and High Speed Carry Select Adder	Ombeni Kennedy
CTCEEC-190	Low Power VLSI Design for Power and Area Effective Utilization Carry Select Adder	G.C.Manjunatha and R.P.Singh
CTCEEC-282	Proposing a Delphi-Study as non-biased Alternative to Studies and Roadmaps predicting the Future of Robotics, Automation & A.I.	Dominik Boesl
CTCEEC-209	Realisation of β independent stability factor for a biasing circuit	Abhijit Roy

Session 3 C : 4:15 PM – 5:15 PM**Track 2: VLSI, Embedded Systems and Robotics****Venue: VVCE Campus, Dept. of ECE, C-Block, Third Floor, Room No. C313 (VLSI Lab)**

Paper ID	Paper Title	Author
CTCEEC-068	A Memory Efficient, High Throughput And Fastest 1D/3D VLSI Architecture For Reconfigurable 9/7 & 5/3 DWT Filters	Mr Anirban Chakraborty
CTCEEC-242	Low power process, voltage, and temperature variations aware improved tunnel FET on 6T SRAM cells	Niranjan Reddy
CTCEEC-328	Design and Verification of Fault Tolerance IP Core using SIHFT Technique (Online Presentation)	Sandeep Solanki
CTCEEC-245	Exploration of various Test Pattern Generators for Power Reduction in LBIST (Online Presentation)	Savitri Jambagi

DAY 2: 09 September 2017
Venue: ECE Seminar Hall,

Time	Program
9:30 AM to 10:30 AM	Plenary Speaker's talk

Session 4 A : 10:30 AM – 11:30 AM

Track 1: Signal Processing

Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C205

Paper ID	Paper Title	Author
CTCEEC-074	Performance analysis of CWSSIM video quality metric with different window size on LIVE database	Ganesh K and Chandrashekar M Patil
CTCEEC-097	An approach of Abnormality Detection for Diabetic Retinopathy using ANN & SVM	Chandrashekar M Patil and Yogesh Kumaran
CTCEEC-121	Automatic blood vessels Segmentation & Extraction in Fundus images for Identification	Chandrashekar M Patil and Yogesh Kumaran
CTCEEC-129	An Approach for Secure Identification and Authentication for Biometrics using Iris	Chandrashekar M Patil and Sushmitha Gowda

Session 4 B : 10:30 AM – 11:30 AM

Track 3: Communication

Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C206

Paper ID	Paper Title	Author
CTCEEC-299	Performance Evaluation of Cognitive Radio Network under Matched Filter Detection	Risala Tasin Khan
CTCEEC-220	Review of Higher Order Statistics for Selection Combining Scheme in Weibull Fading Channel	Chetan Fadnis
CTCEEC-158	Comparision of PSO Algorithm and Genetic Algorithm in WSN using NS-2	Prof Praveena K S
CTCEEC-114	Vehecal Tracking and Speed Estimation of Moving Vehicles for Traffic Surveillance Applications	PraveenDhulavvagol

11:30 AM – 11:45 AM TEA BREAK

Session 5 A : 11:45 AM – 1:15 PM**Track 3: Communication****Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C205**

Paper ID	Paper Title	Author
CTCEEC-026	Optimized Design and Analysis of Microstrip Antenna using Artificial Neural Network	Pramod Kumar
CTCEEC-145	Analysis of BER in OFDM Using Wavelet and FFT Based Method	Dr T P Surekha
CTCEEC-049	Generation of Binary Sequences having better odd correlation and linear complexity property compared to Gold Codes for use in Global Navigation Satellites Systems (GNSS) Applications	Mr Dileep Dharmappa
CTCEEC-168	Performance Analysis of Wavelet based Spectrum Sensing and Conventional Spectrum Sensing in Fading Environment for Cognitive Radios	Mr Arjun K R
CTCEEC-149	Antennas for Ultra-Wide Band Communication Applications:A Survey	Sharath Kumar A J

Session 5 B : 11:45 AM – 1:15 PM**Track 3: Communication****Venue: VVCE Campus, Dept. of ECE, C-Block, Second Floor, Room No. C206**

Paper ID	Paper Title	Author
CTCEEC-150	Role Assignment Algorithms in Wireless Sensor Networks: A Survey	Miss Kavya A P
CTCEEC-170	A modified Fractal Antenna for UWB Applications	Ombeni Kennedy
CTCEEC-160	Power Penalty Estimation for Stimulated Raman Scattering in WDM/DWDM Systems	Mr Vikram Kumar
CTCEEC-163	The Relative Study of PAPR Reduction Techniques for LTE OFDM scheme	Prof Geetha M N
CTCEEC-142	Energy Efficient Wireless Sensor Network by Fuzzy Logic	Miss Swapna Modi

Session 5 C : 11:45 AM – 1:15 PM**Track 3: Communication****Venue: VVCE Campus, Dept. of ECE, C-Block, Third Floor, Room No. C313 (VLSI Lab)**

Paper ID	Paper Title	Author
CTCEEC-178	A survey of antenna and user scheduling techniques for Massive MIMO-5G wireless system	Mr Tasher Ali Sheikh
CTCEEC-028	A Review on Mimo OFDM Technology: Basics and More	Mr Santosh Sudhakar Itraj, Mr Pravinkumar Sudhakar Patil
CTCEEC-172	The Relative Study of PAPR Reduction Techniques for LTE OFDM scheme	Geetha M N, Sahana M S and Aishwarya Lal
CTCEEC-320	Comparative analysis of different statistical fading channel models for WIMAX system	Hardeep Kaur
CTCEEC-177	Massive MIMO: An Element of 5G	Mr Tasher Ali Sheikh