

**INTERNATIONAL CONFERENCE ON  
COMPUTATIONAL ENGINEERING PRACTICES AND TECHNIQUES  
M E S COLLEGE OF ENGINEERING – KUTTIPPURAM**



**PROGRAM SCHEDULE  
25<sup>TH</sup> NOVEMBER – 2010**

**Venue** : College Auditorium

**08.30 AM – 09.30 AM** : Registration

**09.30 AM – 10.30 AM** : Inauguration

**10.30 AM – 10.45 AM** : Tea Break

**SESSION: I**

**Venue** : College Auditorium

**10:45 AM – 11:45 AM** : **Keynote Speech**

**Dr. K P Soman,**  
Professor & Head, Dept. of CEN  
Amrita Vishwa Vidyapeetham, Coimbatore.

**11:45 AM – 01:00 AM** : **Paper Presentation**

**Chair 1:** Prof. Anil K Jacob

**Chair 2:** Prof. Jagadeesh Kannan

**Rapporteur:** Ms. Sasinas Alias Haritha

<b>Paper ID</b>	<b>Paper Title</b>	<b>Author(s)</b>
105	IDENTIFICATION OF DOS ATTACK USING RPPM ALGORITHM	MAHALAKSHMI.B NETRA.P PRANOTI.A.S AND RAKSHA.A.S
114	LIMIT RESERVATION THROUGH AD HOC WIRELESS NETWORKS	DR. SUMITHRA DEVI K.A. AND SREENATH. P
160	INTRUSION DETECTION SYSTEM USING STREAM DATA MINING AND EARLY DRIFT DETECTION METHOD	MANISH KUMAR, DR.HANUMANTHAPPA, DR.T.V.SURESH KUMAR
104	DEVELOPMENT OF VMX TESTS FOR VALIDATION OF NEXT GENERATION XEON BASED MICROPROCESSORS	VIJAY AMBILKAR AND SANJEETHA.R
188	SCHEDULING REAL TIME MULTI-ITEM REQUESTS IN ON-DEMAND BROADCAST ENVIRONMENT	KHATRI DIPALI, PROF.P.R.FUTANE, PAWAR SUVARNA

**01:00 PM – 02:00 PM** : Lunch Break

## SESSION: II

**Venue** : College Auditorium

**02:00 PM – 03:00 PM** : **Keynote Speech**  
**Dr. Babu Anto.P**  
Assoc. Professor, Kannur University.

**03:00 PM – 03:15 PM** : Tea Break

**03:15 PM – 05:00 PM** : **Paper Presentation**

<b>Chair</b> : Prof. V. Kabeer <b>Rapporteur</b> : Ms. Sabna A.B		
<b>Paper ID</b>	<b>Paper Title</b>	<b>Author(s)</b>
148	CORRELATION COEFFICIENT FOR REGISTRATION OF MONOMODAL BRAIN IMAGES USING MODIFIED ADAPTIVE POLAR TRANSFORM	D.SASIKALA, R.NEELAVENI
107	AN APPROACH TOWARDS SHOULDER SURFING RESISTANT DATA ENTRY	PROF. MONIKA MANGLA, PROF. ANIL Z. CHHANGANI
123	A NEW APPROACH OF FUZZY NEURAL PETRI NET FOR GENE EXPRESSION LEVEL	RAED I. HAMED
133	COMPARISON OF DATA MINING TECHNIQUES BASED ON DECISION TREES AND NEURAL NETWORKS FOR PLACEMENT CHANCE PREDICTION	SUDHEEP ELAYIDOM SUMAM MARY IDIKKULA
171	A PSEUDO MODEL FOR EVALUATING RELIABILITY OF A COMPUTING SYSTEM	SHELBI JOSEPH, SHOURI P.V., AND JAGATHY RAJ V. P
173	GERUNDS IN ENGLISH TO SANSKRIT MACHINE TRANSLATION	VIMAL MISHRA, R.B. MISHRA
194	MOMENTS BASED SHOT BOUNDARY DETECTION ALGORITHM	B H SHEKAR1, M SHARMILA KUMARI2, RAGHURAM HOLLA1
199	ON SANGAMAGR̄ AMA M̄ ADHAVA'S (C.1350 - C.1425 CE) ALGORITHMS FOR THE COMPUTATION OF SINE AND COSINE FUNCTIONS	V.N. KRISHNACHANDRAN, REJI C. JOY, AND SIJI K.B.

**7:00 PM – 8:00 PM** : **DINNER**  
**(Dream Land Garden Restaurant, Kuttippuram)**

# 26<sup>TH</sup> NOVEMBER – 2010

## SESSION: III

**Venue** : College Auditorium

**09:30 AM – 10:30 AM** : **Keynote Speech**  
**Prof. Rajan Kanhirodan**  
IISc. Bangalore.

**10.30 AM – 10.45 AM** : Tea Break

**10:45 AM – 12:45 PM** : **Paper Presentation**

<b>Chair</b> : Dr. Gylson Thomas <b>Rapporteur</b> : Ms. Fousiya K.K		
<b>Paper ID</b>	<b>Paper Title</b>	<b>Author(s)</b>
194	MOMENTS BASED SHOT BOUNDARY DETECTION ALGORITHM	B H SHEKARI, M SHARMILA KUMARI <sup>2</sup> , RAGHURAM HOLLA <sup>1</sup>
166	ITERATIVE IMAGE RESTORATION ALGORITHM	MR. N. LAKSHMAN PRATAP AND DR. P.G. KRISHNA MOHAN
167	SOURCE SEPARATION OF HEARTBEAT SOUNDS	KRISHNA KUMAR M, PRAMOD VIJAYARAGHAVAN, GEETHU R.S,
195	R-PCA: AN ILLUMINATION INVARIANT MODEL FOR ACCURATE CLASSIFICATION OF FACES	B H SHEKARI AND G THIPPESWAMY
196	TEXT DETECTION IN VIDEO FRAMES: AN INTEGRATED APPROACH BASED ON WEBER'S LOCAL DESCRIPTOR AND DIFFERENTIAL EXCITATION DIFFERENCE	B H SHEKAR AND M SHARMILA KUMARI
200	SILHOUETTE GENERATION AND FACE RECOGNITION USING GABOR BASED REGION COVARIANCE MATRICES	SANAJ M.S
201	DIRECTIONAL SPATIAL PREDICTION BASED IMAGE COMPRESSION	SANGEETA ANGADI, ANIL NANDY
204	VARIABLE SORTING THRESHOLD BASED SPIHT ALGORITHM FOR IMAGE COMPRESSION	RASHMI V. PAWAR ,DR. ANILKUMAR V. NANDI ,A. S.JADHAV

## SESSION: IV

**Venue : Main Seminar Hall (Room No:301, Main block)**

**10:45 AM – 12:45 PM : Paper Presentation**

<b>Chair1 : Prof. Gopakumar A</b> <b>Rapporteur: Ms. Greeshma. R</b>		
<b>Paper ID</b>	<b>Paper Title</b>	<b>Author(s)</b>
203	APPLICATION OF PARAMETRIC AND NON-PARAMETRIC METHODS FOR ECG CLASSIFICATION	HASEENA H , PAUL K. JOSEPH , ABRAHAM T. MATHEW
191	RANK 1 CHAOS IN CHUA'S CIRCUIT WITH CUBIC NONLINEARITY	K.G. GOPCHANDRAN, K. GOPAKUMAR, B. PREMLET
197	ADAPTIVE FILTER AND ITS APPLICATIONS	SIVADASAN KOTTAYI AND NARAYANAN N.K.
132	OPTIMIZED VOICE COMMAND INTERACTIVE JOCKEY ROBOTIC SYSTEM FOR CAMEL TRAINING AND RACING IN THE GULF REGION.	MOHAMED SHAKIR
103	DESIGN OF EQUITABLE DOMINATING SET BASED SEMANTIC OVERLAY NETWORK WITH OPTIMAL FAST REPLICA ALGORITHM FOR RESILIENT AND BALANCED CONTENT DISTRIBUTION	J.AMUTHARAJ, M.GOMATHY NAYAGAM AND S.RADHAKRISHNAN
124	CLASSIFYING SOFTWARE REQUIREMENT SPECIFICATIONS AND GENERATING AUTOMATIC TEST CASES USING SEQUENCE DIAGRAM GRAPH	R. MAHAMMAD SHAFI, DR. B. KAVITHA,
170	AN INTEGRATED APPROACH FOR OPTIMAL FEATURE SUBSET SELECTION USING MUTUAL INFORMATION	SHINE N DAS MIDHUN MATHEW PRAMOD K. V.
129	COMPUTING EQUATION PARAMETERS IN SUPERABSORBENT POLYMER SWELLING KINETICS	FÁTIMA ROSA, MIGUEL CASQUILHO
202	STARTING PERFORMANCE ANALYSIS OF THYRISTORIZED AC VOLTAGE CONTROLLER FED THREE PHASE INDUCTION MOTOR	NAFEESA K, SALY GEORGE

**12:45 PM – 02:00 PM**

**: Lunch Break**

## SESSION: V

**Venue** : College Auditorium

**02:00 PM – 03:15 PM** : Paper Presentation

<b>Chair:</b> Prof. Haseena. H <b>Rapporteur:</b> Ms. Shahida. T		
<b>Paper ID</b>	<b>Paper Title</b>	<b>Author(s)</b>
187	ADAPTIVE AND EVOLVING BOOSTING ENSEMBLE CLASSIFIER FOR STREAMING DATA	KAPIL WANKHADE, SNEHLATA DONGRE
106	ANALYTICAL MODEL FOR CHIP AREA AND POWER CONSUMPTION OF 3D NOC	DR.K.PARAMASIVAM, DR.K.SOMASUNDARAM AND N.VISWANATHAN
134	EMBEDDED SYSTEM AND REMOTELY CONTROLLED APPLICATIONS	MUNEER AHMAD DAR, DR. DEEPSHIKHA JAMWAL
136	AN ALGORITHMIC APPROACH FOR CLOCK PERIOD MINIMIZATION	ANITHA.A,
159	A NOVEL SOFT COMPUTING BASED CONTROLLER FOR DC-DC CONVERTERS	ABDUL KAREEM,. DR. SHREESHA. C

## VALEDICTORY FUNCTION

**Venue** : College Auditorium

**Time** : **03:30 PM – 04:30 PM**

Welcome Address : Prof. C.K Raju

Presidential Address : Dr. K.P Mohammed, Director

Address by Program Chair : Dr. V.H Abdul Salam, Principal

Address by Chief Guest : **Dr. N.K. Narayanan**

Professor, Kannur University

Conference Summary : Rapporteurs (Sessions I, II, III, IV and V)

Conference Feedback : Delegates

Presenting Mementos

Certificate distribution

Vote of Thanks : Prof. V. Kabeer

National Anthem