

**Fourth International Conference on
'ADVANCED COMPUTING AND COMMUNICATION TECHNOLOGIES FOR
HIGH PERFORMANCE APPLICATIONS'
June 19-21, 2014**

Programme Chart

Day 1: 19th June 2014(Thursday)

09.00 a.m Registration

10.30 a.m **Inaugural Ceremony** (Venue- Seminar Hall, FISAT)

Prayer

Welcome speech: **Dr. K S M Panicker**, Principal, FISAT

Presidential address : **Sri.Paul Mundadan**, Chairman, FISAT

Inaugural address : **Prof. V. N. Rajasekharan Pillai**, *Executive Vice President & Principal Secretary,
Science & Technology Department.*

Presentation of Conference theme paper: **Dr.Sunny Kuriakose**, Chair, Conference Coordination
Committee

Release of Conference Souvenir & CSE Dept. News letter ICON

Felicitations

Mr.S.P.Soman, Regional Vice President, Computer Society of India

Mrs.P. Anitha , Treasurer, FBOAES,

Mr.Bose P.I, Treasurer, FBOES,

Dr. C. Sheela, Vice-Principal, FISAT

Dr.Pailo Paul, Dean, Academics

Vote of thanks

Dr.J.C.Prasad, HOD, CSE Department

12.15 p.m **Lunch Break @ Auditorium**

01.30 p.m. **Keynote Address** By **Dr. G.Santhosh Kumar**, Asst Professor, School of Computer Science
and Engineering, Cochin University of Science And Technology, CUSAT.

Topic: **Cyber-Physical Systems - Opportunities and Challenges**

Venue: Seminar Hall

02.30 p.m. **Paper Presentation-Session 1**

Venue: Seminar Hall, FISAT

Session Chair: Dr.Vijayakumar. School of Computer Science, M.G.University, Kottayam

Sl No.	Paper-ID	Name of author and affiliation	Title of paper
1	25	Bhavik Patel Department of Computer Engineering College of Engineering Pune	An Efficient Parallel Algorithm for Self Organizing Maps using MPI-OpenMP based Cluster
2	44	R Rajkumar SRM University	Cognitive E-learning Frame work
3	46	Subhija E.N. SriJayachama Rajendra College of Engineering SriJayachama Rajendra College of Engineering Mysore	Retrieval of color fundus images with Diabetic Macular Edema using Multi SVM and KNN Classifier
4	74	A. Cecil Donald Research Scholar in Computer Science, St. Joseph's College (Autonomous), Tiruchirappalli	A Unified Cloud Authenticator for Mobile Cloud Computing Environment
5	75	M. Kriushanth Research Scholar in Computer Science, St. Joseph's College (Autonomous) Tiruchirappalli, Tamil Nadu	Cost Aware Dynamic Rule Based Auto-scaling of Infrastructure as a Service in Cloud Environment
6	76	N. Veeraragavan Research Scholar in Computer Science, St. Joseph's College (Autonomous), Tiruchirappalli	A Novel Edu-CloudSec Framework for E-Learning System

7	77	S. Arul Oli Research Scholar in Computer Science, St. Joseph's College (Autonomous) Tiruchirappalli, Tamil Nadu	A Novel Approach for Ensuring Data Confidentiality in Public Cloud Storage
8	65	G. Vaitheeswaran Research Scholar, Department of Computer Science, St. Joseph's College (Autonomous), Tiruchirappalli, Tamilnadu	Big Data for Education in Students' Perspective
9	45	P.Sindhu Priyanka A.Gowrishankar Dr.Mahalingam College of Engineering &Technology	Detection of Low and High rate DDoS attack using metrics with SVM in FireCol Distributed network

02.30 p.m. **Paper Presentation-Session 2**

Venue: Conference Hall (Room No: 129)

Session Chair: Dr. G.Santhosh Kumar, Asst Professor, School of Computer Science
and Engineering, Cochin University of Science And Technology, CUSAT.

Sl. No	Paper-id	Name of author and affiliation	Title of paper
1	50	N Siva selvan MIT, Manipal	An Elliptic Curve Arithmetic Based Private Credentials System that Uses Schnorr Blind Signature Scheme
2	86	Kailashnath J K Master of Technology Bio Medical Signal Process and Instrumentation Sri Jayachamarejendra Coll of Engineering, Mysore -57	A Review on Improvising Robustness of Speaker Recognition System

3	87	Maheshwari.B Sri Jayachamarajendra College of Engineering, Mysore	Different approaches for EEG noise cancellation
4	90	B.Arputharmy St.Joseph's College, Trichy, Tamil Nadu	A REVIEW ON BIG DATA INTEGRATION
5	37	R Vijaya Arjunan Assistant Professor Sr.Scale Department of CSE, MIT	An Improved Adaptive Wavelet Thresholding Image Denoising Method
6	54	B.Kishore Asst. Professor – Sr. Scale CSE Dept., MIT, Manipal	Using Haralick Features for the Distance Measure Classification of Digital Mammograms
7	42	Nilu Singh SIST-DIT, Babasaheb Bhimrao Ambedkar University (Central University), Lucknow, UP, India	Gaussian mixture model: a modeling technique for speaker recognition and its component

03.20 p.m Tea Break

03.30 p.m **Keynote Address** By **Dr.R. Vijayakumar**, School of Computer Science, M.G.University
Topic: ***Advanced Computing Technologies***
Venue:- Seminar Hall, FISAT

4:40 p.m. College bus will leave from the campus to Angamaly, Cochin & Trichur

Day 2: 20.06.14 (Friday)

10.00 a.m. **Keynote Address** By **Dr.Chandrasekaran K**, Professor, NIT Sooratkal

Topic : **Green Cloud Computing**

Venue:- Seminar Hall, FISAT

10.50 a.m Tea Break

11.00 a.m **Paper Presentation-Session 3,**

Venue:- Seminar Hall, FISAT

Session Chair: Dr.Chandrasekaran K, Professor, NIT Sooratkal

Sl.No.	Paper-ID	Name of author and affiliation	Title of paper
1	80	Ms. Archana, Assistant Professor FISAT	Particle based neural network training algorithm
2	82	Ms. Tinu Reshma, FISAT	A Review On Sentiment Analysis And Text-To-Speech
3	98	Ms.Rani, FISAT	Personalized Web Search Techniques
4	81	Rahul Nath, FISAT	Detecting Image Forgery Using perspective Constraints: A Case Study
5	85	Smitha K S FISAT	An Efficient Image Fusion Method Using Fast Bilateral Filter
6	92	Jean K Johny FISAT	Motion-Compensated Frame Interpolation on Contrast Enhanced Video
7	29	Ajay Pratap Singh Sreenu Naik B. National Institute Of Technology Kozhikode, India	Hp-Aodv: An Enhanced Aodv Routing Protocol For High Mobility Manets
8	41	Faseela V.S and Ishwarya Surendran Coimbatore Institute Of Engineering And Technology Coimbatore, Tamilnadu	A Review On Security Attacks In Wireless Sensor Network

9	36	Mensah Sitti Anna University, Department of Computer Science and Engineering Chennai, India	A Proactive Approach Towards DDoS Management In Shortest Path Bridging
10	24	R.Senthilkumar, Dr.Mahalingam College of Engg. & Tech., Pollachi, TamilNadu, India.	Enhanced Message Routing to Far Away Vehicles in Metropolitan City through RSUs

12.30 Lunch Break @ Auditorium

01.30 p.m **Keynote Address** By **Dr.Murugesh**, Associate Professor, College of Computer Science,
King Khalid University, Kingdom of Saudi Arabia

Topic:- **Application of Numerical Integration Algorithms in Scientific and Soft Computing**

Venue:- Seminar Hall

02.15 Tea Break

02.30 **Paper Presentation –Session 4**

Venue:- Seminar Hall, FISAT

Session Chair: Dr.Murugesh, Associate Professor, College of Computer Science,
King Khalid University, Kingdom of Saudi Arabia

Sl.No.	Paper-ID	Name of author and affiliation	Title of paper
1	93	Saranya, FISAT	Human Gait Recognition : A Comparative Analysis
2	94	Jiji George , FISAT	A Survey on Digital Image Forgery Detection Techniques
3	95	Minu Thomas, FISAT	Image Quality Assessment: Comparative Study
4	96	Rakhi R, FISAT	A Survey on Medical Image Integrity Verification Methods
5	97	Soney R Nath, FISAT	Detection and Tracking of road lane markings: A Comparative Analysis
6	26	Chintureena Thingom Dayananda Sagar Institutions (DSI) Bangalore, India	Improving reliability in cloud computing systems

7	78	Firos A, Marpe Sora, Sikdar Askari and Seema Khanum Computer Science & Engineering, Rajiv Gandhi University Doimukh, Arunachal Pradesh, India	Honey bee Windowing method for Efficient Distribution of Virtual Machines for Cloud Computing
8	88	V.Rathika Assistant Professor in Computer Applications Idhaya college for Women, Kumbakonam Tamil Nadu,India	Big Data Migration in the Cloud Environment - An Overview

4:40 p.m. College bus will leave from the campus to Angamaly, Cochin & Trichur

Day 3: 21.06.14 (Saturday)

09.30 a.m Keynote Address By **Mr. Deva Joseph**, Delivery Center Head of Digital Enterprise
Services and Solutions -TCS Kochi
Topic:- **“Big Data”**,
Venue:- Seminar Hall

10.30 a.m Tea Break

10.45 a.m **Paper Presentation Session 5**
Venue:- Seminar Hall
Session Chair: Mr.Deva Joseph,
Delivery Center Head of Digital Enterprise Services and Solutions -TCS Kochi

Sl.No.	Paper-ID	Name of author and affiliation	Title of paper
1	11	Celina George PG Student , Thejus Engineering College Thrissur ,India	A Survey On Security Transactions For Web Application In The Cloud
2	12	Megna Unnikrishnan, Thejus Engineering College Thejus Engineering College Thrissur, India	Comparative Study Of Cloud Computing Data Security Methods

3	18	Aparnadev M and Remya K M Thejus Engineering College Thrissur	Security In Cloud Computing Using Tpa
4	20	Samith K S Thejus Engineering College Thrissur,india	Analysis of Security Frameworks for Mobile Cloud
5	51	Santhini M V N.S.S College of Engineering, Palakkad Kerala, India	Cloud Information Accountability Framework for Ensuring Data Security in Cloud
6	55	Ardra v a Department of Computer Science and Engineering NSS College Of Engineering Palakkad, Kerala	Cluster based scheduling of workflow applications in cloud
7	57	Vidhya Rose Wilson Dept of Computer Science & Engineering N.S.S College of Engineering, Palakkad Kerala, India	A Method for Intermediate Data Set Privacy Preserving and Security in Cloud
8	59	Revathy K Master of Technology Department of Computer Science and Engineering NSS College of Engineering Palakkad, India	QoS-Based Scheduling of Tasks Using Bi-objective Genetic Algorithm in Private Cloud
9	69	Jesheela AP Mtech Student,CSE Department N.S.S College of Engineering Palakkad	Distributed on demand logging using secured cloud service

10.45 a.m

Paper Presentation Session 6

Venue:- Venue: Conference Hall (Room No: 129)

Session Chairs: **Dr.Sunny Kuriakose**, Professor & Dean & **Dr.Sreeraj S**, Asst.Professor, FISAT.

Sl.No.	Paper-ID	Name of author and affiliation	Title of paper
1	23	Sruthi T and Sangeetha M K Thejus Engineering College Thejus Engineering college Thrissur, Kerala	Analysis of Security Issues in Internet of Things
2	64	Sangeeta Suresh Mrs Maya Jeevan N.S.S College of Engineering, Palakkad Kerala, India	Contextual Policy Enforcement For Android
3	91	Anusha Salam , and Asha Ali Ilahia College of Engineering and Technology Mulavoor P.O, Ernakulam District, India	Multi-Level Security for ATM Transaction
4	4	Karthika K.N, Athira V.R. Nehru College of Engineering & Research Centre(Calicut University), Pampady, Thrissur	Enhanced RSA Enciphering/Deciphering System Using Karatsuba Modular Multiplier
5	9	Serin V Simpson PG Student, Computer Science Thejus Engineering College Thrissur, India	AODV: Security Considerations
6	16	Mithu Varghese Thejus Engineering College Thejus Engineering College Thrissur,India	A Survey On Separable Reversible DataHiding In Encrypted Images

7	19	Reshma K Sunil and Ms .Indu K Thejus Engineering College Thrissur, India	Survey On Grid Based Authentication For Session Password Using Colour
8	43	Suju R Mtech Scholar, Department Of CSE LBS Institute of Technology for Women Trivandrum, India	USING COLOR VISUAL CRYPTOGRAPHY SCHEMES AND WATERMARKING FOR SHARING BLACK AND WHITE SECRET IMAGES

12.15 p.m Lunch @ Auditorium

01.30 **Keynote Address** by **M P Sebastian**, Professor,
Indian Institute of Management Kozhikode, Calicut, India.
Topic:- **Technology Trends**
Venue:- Seminar Hall

02.30 p.m **Paper Presentation Session 7**

Venue:-Seminar Hall

Session chair: **Dr.M P Sebastian**, Professor

Indian Institute of Management Kozhikode, Calicut, India.

Sl.No	Paper-ID	Name of author and affiliation	Title of Paper
1	70	Sanjay Nathan CSE Department, NSS College of Engineering Akathethara P O Palakkad, Kerala, India	Performance Enhancement of Recommendation Algorithms for BigData Using Hadoop Platform
2	7	Chinsha T C PG Scholar Dept. of Computer Science Govt. Engineering College Thrissur	Aspect Based Opinion Mining From Restaurant Reviews
3	58	Donna Liza Thampan M-Tech Scholar Department of Computer Science and Engineering	Topic Modeling On Twitter DataStream

		LBS Institute of Technology for Woman Trivandrum	
4	73	Krishnapriya P S and Usha K NSS College of Engineering NSS College of Engineering Palakkad, India	AutoCAP: An Automatic Caption Generation System Based on the Text Knowledge Power Series Representation Model
5	83	Jayasree T V, FISAT	A Survey on Super-Resolution Methods
6	84	Roopa Gokul, FISAT	Change Detection in SAR Images Using PCA Fusion and MRFFCM Clustering
7	61	Parvathy Vijay Mtech Scholar, CSE LBS Institute of technology for Women Poojappura, Trivandrum, India	Two in One Image Secret Sharing Scheme with Increased Scalability
8	67	Neethu K George PG Scholar Amal Jyothi College of Engineering Kottayam Mahatma Gandhi University Kerala, India	A Novel Approach for High Quality Stego-image based on pixel Interpolation
9	79	Greeshma Aravind I Department of Computer Science and Engineering Govt. Engineering College Thrissur,	Fully Automated Approach for Detecting Digital Image Forgeries By Illumination Color Classification

02.30 p.m Paper Presentation Session 8

Venue: Conference Hall (Room No: 129)

Session Chair: Dr.Sunny Kuriakose, Professor & Dean & Dr.Sreeraj S, FISAT.

Sl.No	Paper-ID	Name of author and affiliation	Title of the paper
1	14	Nisha C S and Soumya P Thejus Engineering College Thejus Engineering College Thrissur,India	Energy Efficient And Secure Sensor Data Compression

2	17	Sreerekha K.P Thejus Engineering College Thrissur	Secure Routing In Wireless Sensor Networks Based On Fuzzy Logic
3	21	Anjana G Nair and Nisha Thejus Engineering College Thejus Engineering College Thrissur,India	Localization of Sensor Nodes in Wireless Sensor Network
4	48	Bittu Ann Mathew PG Scholar Amal Jyothi College of Engineering Kottayam Mahatma Gandhi University	Trusted Load Balancing Mechanism for MANET
5	56	Archana V and Maya Mohan N.S.S College of Engineering (NSSCE) Kerala,India	AN INTRUSION DETECTION SYSTEM FOR MANET AGAINST SELECTIVE PACKET DROPPING
6	13	Wilny Wilson.P. Thejus Engineering College Thejus Engineering College Thrissur, India	Analysis of Speech Recognition Models For Real Time Captioning And Post Lecture Transcription
7	15	Rashmi V R Thejus Engineering College Thrissur, Kerala	SECURITY IN MOBILE: A SURVEY
8	22	Keerthi K M Thejus Engineering College Thrissur,	A Novel Steganographic Method Based On Edge Detection And Adaptive Multiple Bits Substitution
9	63	Arun C P PG Student Dept of Computer Science & Engineering N.S.S College of Engineering, Palakkad Kerala, India	Mobile Prediction Assisted Back-Pressure- Based Routing In Communication Networks
03.30 p.m Valedictory function@ Seminar Hall			

