**Sethu Institute of Technology**
**(An Autonomous Institution)**
**Department of Computer Science and Engineering**

**Third**
**International Conference on**

**HI-TECH TRENDS IN EMERGING COMPUTATIONAL TECHNOLOGIES**
**(ICECT 2015)**
**April 08- 09,2015**

**Session I**

Date    : 08/04/2015                                    Time    : 11.30 AM – 1.00 PM
Topic    : Data Mining & Image Processing               venue: CSE Seminar Hall
**Chair Persons:**

Dr.A.Meenakshi,                                         Dr.R.Tamilselvi,
Professor,                                              Professor,
Department of CSE,                                      Department of ECE,
K.L.N.College of Information Technology,                Sethu Institute of Technology
Pottapalayam,
Sivagangai district.

| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|-----------------------|----------|-------------|
| 1. | S.T Suryakanthi Sornalatha , PG student Co-authors: S.Devi Mahalakshmi K.Vijayalakshmi | Mepco Schlenk Engineering College | icect15ip10 | Detecting Forgeries In Double JPEG Compressed Images By Parallel Approach |
| 2 | G.Niranjana, Co-authors: M.Ponnavaikko | SRM University | icect15ip11 | Identification of T Descriptor in TNM  Classification of Lung Cancer Using Multilevel Single Click Region Growing Method |
| 3 | R.E. Jensie, PG Student Co-authors: C.Callins Christiyana | Sethu Institute of Technology | icect15ip13 | Subsuming Global Information In Local Binary Patterns For Ultrasound Kidney Images Retrieval |
| 4 | Shanthi P/AP | Ramanujan Computing Centre, Anna University | icect15ip14 | Dual Image Watermarking Using DWT And Chaotic Maps |
| 5 | S.Krishnaveni, Co-authors: Dr.A.P.Pethalakshmi | M.V.M. Arts College for Women, Dindigul | icect15ip15 | Comparison of SVM and RFT in Quality Detection of Jasmine Flower |

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### Session II

**Date : 08/04/2015**                          **Time : 02.00 PM – 4.00 PM**
**Topic : Data Mining & Image Processing**      **venue: CSE Seminar Hall**

**Chair Persons:**

Dr.A.Meenakshi,                               Dr.R.Tamilselvi,
Professor,                                     Professor,
Department of CSE,                            Department of ECE,
K.L.N.College of Information Technology,      Sethu Institute of Technology
Pottapalayam,
Sivagangai district.

| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|-----------------------|----------|-------------|
| 1. | A.Nanthini | Kalasalingam Institute of Technology | icect15ip16 | Identification of Beningn and Malignant Tumor in Multiparametric MR Imaging Using SVM, PSVM and FSVM |
| 2. | Shankar J , PG Student Co-authors: Venkateshwaran A, Raajan N.R, Sathish VaradaV.M, Sivaraman.R | SASTRA University | icect15ip18 | Improved Disparity Map Computation of Stereo Image Using Patches |
| 3. | N.PAVITHRA Co-authors: Prof . P.Valarmathi, HOD | Mookambigai College of Engineering | icect15ip24 | Breast Cancer Tumour Prediction Based On Complex Texture Features |
| 4. | M.A.Ruhaya Rameez Fathima Co-authors: R.Manjula Devi M.E | National Engineering College Kovilpatti | icect15ip26 | Improvised Method of Detecting Face Using Multi-Image Saliency |

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| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|---|---|---|---|---|
| 5. | S.Muthumancikam C.Arun, Manoj Kumar.V.R., Ritesh Kumar Sharma Rahul Sharma | R.M.K.College of Engineering and Technology, Puduvoyal | icect15ip27 | Effect of Scaling Factor for Non-Blind Watermarking of Colour Images in DWT-SVD Domain |
| 6. | S.K.Athreya, PG Student Co-authors: A.Sivasankar | Anna University Regional Office, Madurai | icect15ip28 | Design And Development Of Traffic Sign Recognition System |
| 7. | Sahana S  Co-authors:  Anupriya G | Dr. Mahalingam College of Engineering and Technology Coimbatore | icect15dm09 | Automatic Summarization of Tweets using Dynamic Templates |
| 8 | Ramya.R.M Co-authors: J.Bhavithra | Dr. Mahalingam College of Engineering and Technology Coimbatore | icect15dm11 | Personalization in Comparable Entity Mining by Applying User Interest Vectors |
| 9 | D.Janani Co-authors:  G.Anupriya, | Dr.Mahalingam College of Engineering and Technology | icect15dm15 | Short Answer Assessment with Automatic Feedback Using Facet Generation |
| 10 | C.Rajesh Kumar,AP **Co-authors:** Rintumol M Thomas S.Muthulakshmi | PSN College of Engineering and Technology | icect15dm21 | Retrieval Of Webbased Cloud Document Using Advanced CBRS |

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**Session I**

**Date    : 08/04/2015**                          **Time   : 11.30 AM – 1.00 PM**
**Topic    : Networks**                            **Venue : Open Source Lab**
**Chair Persons:**

Dr. S.Sivagurunathan                              Dr. Vasanth Naidu,
Assistant Professor                               Professor,
Gandhigram Rural Institute,                       Department of ECE,
Deemed University.                                Sethu Institute of Technology
Gandhigram

| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|-------------------------|----------|-------------|
| 1. | M.Helan Mercy PG Student Co-authors: Mrs.P.Chellammal | J.J College of Engineering & Technology | icect15nw02 | Index Based Deduplication File System In Cloud Storage |
| 2. | S.Selva Kumar, PG Student **Co-authors:** T.Saravana Kumar | Dr.Sivanthi Aditanar College of Engineering | icect15nw05 | Increasing The Lifetime Of Wireless Sensor Networks Using Fuzzy Clustering And Virtual Backbone Scheduling |
| 3. | Prem Sasi Kumar.A, PG student **Co-authors:** Kannan Balasubramanian | Mepco Schlenk Engineering College | icect15nw10 | Improvements In Internet Key-Exchange |
| 4. | D.Aarthy, PG student **Co-authors:** Dr.Kannan Balasubramanian | Mepco Schlenk Engineering College | icect15nw11 | Secrecy Preserving Image Search Using Homomorphic Encryption |
| 5. | M.Usha Rani, AP **Co-authors:** Dr.R. Muthu Selvi | Kamaraj College of Engineering and Technology | icect15nw13 | Wireless Sensor Network Applications For Detection And Leakage Control Of Gas By Using X-Bee With Arduino |

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**Session II**

**Date** : 08/04/2015                    **Time** : 02.00 PM – 4.00 PM
**Topic** : Networks                       **Venue: Open Source Lab**

**Chair Persons:**

Dr. S.Sivagurunathan                        Dr. Vasanth Naidu,
Assistant Professor                          Professor,
Gandhigram Rural Institute,                  Department of ECE,
Deemed University.                           Sethu Institute of Technology
Gandhigram

| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|--------------------------|----------|-------------|
| 1. | Ms. S. Aswathi, | Kalasalingam Institute of Technology | icect15nw15 | On Maximizing the Lifetime of Wireless Sensor Networks by Optimally Assigning Energy Supplies |
| 2. | K.Muthumari, | Kalasalingam Institute of Technology | icect15nw16 | Cluster Based Energy Efficient Scheduling Algorithm for Wireless Sensor Network |
| 3. | Ms. K.Surya | Kalasalingam Institute of Technology | icect15nw19 | Secure For Handheld Units Against Malicious Computer Software In Mobile Systems Using MD5 |
| 4. | M.Kalai  Mathi | Kalasalingam Institute of Technology | icect15nw21 | Deniable conceivable encryption from Memorable keys |
| 5. | Abila Judith Suganthi.S/Pg Student | Mohamed Sathak A.J. College Of Engineering | icect15nw20 | Encryption Based Intrusion Detection In Manet Using Aodv Routing Protocol |
| 6. | G.Anithasankari, | Kalasalingam Institute of Technology | icect15nw23 | An Efficient Fault Segregation Method Using Hybrid Multi Channel Protocol on Wireless MCI |

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| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|---|---|---|---|---|
| 7. | N.Mahendran ,AP Co-authors: Dr.S.Shankar | M.Kumarasamy College of Engineering | icect15nw71 | Performance Evaluation of Scheduling Schemes In Wireless Sensor Networks |
| 8. | G.Durgadevi | Kalasalingam Institute of Technology | icect15nw33 | High Speed and secure data transmission in medical body Sensor network using IEEE802.16 Protocol |
| 9. | M.GIRIJA ,AP Co-authors: Mr.P.Manickam | The American College, | icect15nw44 | Investigation of Fuzzy Logic Based Energy Efficient Routing Protocols in Mobile ad hoc networks |
| 10. | S.Saranyadevi | Kalasalingam Institute of Technology, | icect15nw36 | Solving Multicast Routing Problem using Bi-Velocity Discrete Particle Swarm Optimization Technique in Wireless Networks |

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### Session I

**Date** : 09/04/2015      **Time** : 9.30 AM – 1.00 PM
**Topic** : Networks      **Venue** : Open Source Lab
**Chair Persons:**

Dr. P. Subathra      Dr. A. Merline
Assisstant Professor,      Professor & Dean
Department of CSE,      Planning and Development
Kamaraj College of Engineering and Technology,      Department of ECE
Virudhunagar      Sethu Institute of Technology

| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|-----------------------|----------|-------------|
| 1. | Sathiyapriya S Co-authors: Sumathi N | Dr. Mahalingam College of Engineering and Technology Coimbatore | icect15nw37 | High Capacity Data Hiding in Encrypted Images Using Pixel Value Differencing |
| 2 | R.Preethi Co-authors: Mrs.V.P.Jayachitra | M.I.T Anna University | icect15nw26 | QoS Comparison of IEEE Wireless Technologies for WSN under Different Logical Topologies using Cross Layer Parameters |
| 3 | R. Pricilla , PG Student Co-authors: T.R.Vedhavathy | K.L.N. College of Engineering | icect15nw48 | Energy Conservation Based Payment Scheme (ECP) Using GCKNA Sleep Scheduling Algorithm |
| 4 | R.Bhavani, Co-authors: K.Chitra | PRIST University, Thanjavur Government Arts College, Melur | icect15nw50 | E-Governance Applications Enhancement – An Application of Semantic Web Mining |
| 5 | S.Janani,AP **Co-authors:** R.Ramya, K. Muthulakshmi | Kamaraj College of Engineering and Technology | icect15nw57 | Secured Hall Ticket Authentication System Using Iris as QR Code |

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| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|-------------------|------------------------|----------|-------------|
| 6 | Mr.S.Mansoor Co-authors: Mrs.P.Krishnaveni | Sethu Institute of Technology | icect15nw58 | Impact of Mobility And Diversity on Coverage and Energy Consumption in WSN's |
| 7 | S.V.Gayathri Soumiya /PG Scholar | Kln College Of Engineering | icect15nw59 | Protecting Source And Sink Location Privacy Against Wormhole Attack In Wireless Sensor Networks |
| 8 | Ms.Alamelumangai PGScholar | Kln College Of Engineering | icect15nw61 | Achieving Source And Sink Location Privacy Against Eavesdroppers In Wireless Sensor Networks |
| 9 | Mrs.M.Renukadevi Co-Author Mrs.G.VairaSuganthi | Sethu Institute of Technology | icect15nw35 | Enhancing Traffic Management Service for High-speed Networks Using Fuzzy Logic and Enhanced Proportional Rate Control Algorithm |
| 10 | Ponnupriya PG Scholar | KLN College Of Engineering | icect15nw77 | Disruption Tolerant Military Network Using Cp-Abe For Secure Data Reclamation |
| 11 | R.Selveeswari, PG Student | K.L.N. College Of Engineering | icect15nw24 | Advanced Embedding Method with Encryption and Adaptive Pixel Pair Matching |
| 12 | C.Preethi, PG Student | K.L.N. College Of Engineering | icect15nw51 | Enhancing High Speed Networks Using Proportional Rate Control Technique |
| 13 | R.Kanmani, UG Student **Co-authors:** Ms.S.Shanmugapriya, Ms.M.Jilsath Begam | M.I.E.T | icect15nw64 | Composite Portable Data Off-Load Through Interruption Compassionate Networks |

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| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|-------------------------|----------|-------------|
| 14 | Ms.A.Amali Angel Punitha<br>Mr.A.Peter Soosai Anandraj<br>Mr.B.Shanmuga Raja | Ultra College of Engineering for Women | icect15nw74 | Leveraging The Tail Time For Saving Energy In Cellular Networks |
| 15 | S.Rajarajeswari,AP<br>Co-authors:<br>Dr.J.Sutha | Thamirabharani Engineering College | icect15nw75 | A Review on Service Differentiation and Packet Scheduling schemes |
| 16 | C.KarthikSendhilKumar<br>V.Srimathy<br>P.Priyanka Jenifer<br>R.Revathi Sree | Sethu Institute of Technology | icect15nw76 | Optimal Energy allocation through Utility maximization in Wireless sensor networks |
| 17 | S.Sivagurunathan<br>K.Prathapchandran | Gandhigram Rural Institute-Deemed University | icect15nw80 | Trust based Authentication Scheme to Remove Malicious nodes in Mobile Ad hoc Networks |
| 18 | G.Vigneshraja | Kalasalingam Institute Of Technology | icect15nw17 | Dynamic Duty –Cycle Schedule Scheme for Deliver Bursty Traffic Efficiently |
| 19 | M.Mercy Esther Tharabai | Sasurie College of Engineering | icect15nw08 | Automatic Ambulance Rescue System Using Shortest Path Finding Algorithm |
| 20 | D.Srivaishnavi<br>S.Selvi | Sethu Institute of Technology | icect15nw81 | An Efficient Mobile Healthcare System In Wireless Sensor Network |

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**Session II**

Date    : 09/04/2015                                             Time    : 1.30PM – 4.00PM
Topic   : Data Mining & Networks                      Venue : Open Source Lab
Chair Persons:

Dr. P. Subathra                                                Dr.C.Deisy,
Assisstant Professor,                                       Associate Professor,
Department of CSE                                          Department of CSE
Kamaraj College of Engineering and Technology,      Thiagarajar College of Engineering,
Virudhunagar                                                  Madurai – 625 015.

| S.No | Name of the author | Name of the Institution | Paper Id | Paper Title |
|------|--------------------|--------------------------|----------|-------------|
| 1 | M.Maheswari, Asso,.Prof Co-authors: Dr.C.P.Chandran | Devanga Arts College | icect15dm18 | Biclustering ACO Algorithm For Mining Coherent Biclusters From Gene Expression Profiling |
| 2 | Ms. M.S. Uma Rani, | Kalasalingam Institute of Technology | icect15dm19 | Mining Weakly Identify Network Facial Pictures for Inquiry established Face Observation |
| 3 | B. Vani PG Student Co-authors: Dr. R. Deepalakshmi | Velammal College of Engineering and Technology | icect15dm12 | Test Suite Prioritization By T-Way CIT And Hybrid Evaluation Metric For Web Based Application |
| 4 | S.PRIYADHARSHINI | Kalasalingam Institute of Technology | icect15dm23 | Rare itemset mining based on theWeight |
| 5 | S.Thanga Ramya,AP Co-authors: Dr. Rangarajan P | RMD Engineering College | icect15dm24 | Suitable Methodologies For Key Frame Extraction From Videos |
| 6 | P. Shanmugavadivu V. Sivakumar | Gandhigram Rural Institute-Deemed University | icect15ip40 | Segmentation of Masses in Digital Mammograms using Fractal-Bound Computing Technique for Breast Cancer Prognosis |