

Program Schedule

Day 1 : 24th January 2018, Wednesday

Venue : Seminar Hall, Dept. of CSE, SJB Institute of Technology, BGS Health and Education City, Kengeri, Bengaluru – 560 060

9.30 AM – 10.30 AM : Inauguration

10.30 AM – 10.45 AM : Tea Break

11.00 AM – 12.00 AM : **Keynote Address-I**

12.15 PM – 1.15 PM (Session 1)

Communication, Network and Security: (Session 1a)

Venue: CSE Main Seminar Hall, SJBIT

Hadoop Based Architecture for Smart, Secure and Efficient Insurance Solution using IoT

Binu P K , Akhil Harikrishnan, Sreejith

Amrita School of Engineering, Amrita University India

An Efficient Optimization Technique for Scheduling in Wireless Sensor Networks: A survey

N Mahendran, T Mekala

M Kumarasamy College of Engineering, Karur, Tamilnadu, India

A Genetic Based Distributed Stateless Group Key Management Scheme in Mobile Ad Hoc Networks

Janani V S and M S K Manikandan

Thiagarajar College of Engineering, Madurai, India

A Hybrid Approach for Traffic Delay Estimation

Pushpi Rani and Dilip Kumar Shaw

National Institute of Technology, Jamshedpur, India

Digital Privacy and Data Security in Cloud based Services - A Call for Action

Varun M Deshpande, Dr. Mydhili K Nair

Jain University, Bangalore, India, M S Ramaiah Institute of Technology, Bangalore, India

Machine Learning : (Session 1b)

Venue : Block 1 Center of Excellence, CSE Block , SJBIT.

CBHiveQL: Context Based Hive Query Language for Large Data Analysis

Parimala N, Gaurav Kumar

School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi, India

Logit Based Artificial Bee Colony Optimization (LBABC) Approach for Dental Caries Classification Using Back Propagation Neural Network

M Sornam and M Prabhakaran

University of Madras, Tamil Nadu, India

Use of Modified Masood Score with Prediction of Dominant Features to Classify Breast Lesions

N M Sonali, S K Padma, N M Nandini and T S Rekha

Sri Jayachamarajendra College of Engineering, Mysuru, India, JSS Medical College, JSS University Mysuru.

Leveraging Trust Behavior of Users for Group Recommender Systems in Social Network

Nirmal Choudhary and K K Bharadwaj

School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India

A review of Description Logic based Techniques for Robot Task Planning

Gayathri R and V Uma

Pondicherry University, Puducherry, India.

Image and Signal Processing (Session 1c)

Venue : Block 2 Center of Excellence, CSE Block, SJBIT.

A Secured Steganography Algorithm for Hiding Image in Image

N Gopalakrishna Kini, Vishwas G Kini, Gautam

Manipal Institute of Technology, Manipal University, Karnataka, India

A Hardware Implementation of Fractal Quadtree Compression for a Medical Image

Padmavati S, Vaibhav Meshram

Jain University, Bengaluru, India, Dayananda Sagar University, Bengaluru, India.

Multilayered Model of Soft Tissues for Surgery Simulation

Jayasudha K, Mohan G Kabadi and Brian Chacko

Reva University, Bangalore, India, Ibri College of Technology, Ibri, Oman

Face Recognition based on SWT, DCT and LTP

Sunil S Harakannanavar, Prashanth C R, Sapna Patil and K B Raja

S G Balekundri Institute of Technology, Belagavi, India, Dr. Ambedkar Institute of Technology, Bangalore, India, University Visvesvaraya College of Engineering, Bangalore, India.

Pseudo Hadamard Transformation based Image Encryption Scheme

Prajwalasimha S N

ATME College of Engineering, Mysuru, Karnataka, India

1.15 PM – 2.15 PM : Lunch Break

2.15 PM – 3.15 PM: Keynote Address-II

3.15 PM – 3.30 PM: Tea Break

3.30 PM – 5.00 PM: (Session 2)

Communication, Network and Security: (Session 2a) , SJBIT.

Venue : CSE Main Seminar Hall

Mobile Agent Based Improved Traffic Control System in VANET

Mamata Rath, Bibudhendu Pati, Binod Kumar Pattanayak

C V Raman College of Engineering, Bhubaneswar, Odisha, Indi, Siksha 'O' Anusandhan University, Bhubaneswar, India

Analyzing Applicability of Smartphone Sensors in Roadways Obstacles Identification in Infrastructure-less Environment using Soft Learning Approach

Chandra Kishor Pandey, Neeraj Kumar, Vinay Kumar Mishra

Shri Ramswaroop Memorial University, Deva Road, Barabanki, Uttar Pradesh, Indi, Shri Ramswaroop Memorial Group of Professional Colleges, Lucknow, Uttar Pradesh, India

Design of Compact Multiband Annular Ring Slot Antenna

Prashanth C R, Mahesh N Naik

Dr. Ambedkar Institute of Technology, Bengaluru, India

Authentication using Dynamic Question Generation

Irfan Siddavatam, Dhruvin Khatri Pranay Ashar, Vineet Parekh, and Toshkumar Sharma

K J Somaiya College of Engineering, Mumbai, India

A Novel Key Predistribution Scheme for Minimum Angle Routing in Wireless Sensor Network

Monjul Saikia and Md. Anwar Hussain

North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, India

An Intelligent Algorithm for Joint Routing and Link Scheduling in AMI with Wireless Mesh Network

A Robertsingh, D Devaraj, and R Narmatha Banu

Kalasalangam University, Krishnankoil, India, Velammal College of Engineering and Technology, Madurai, India

Machine Learning : (Session 2b)

Venue : Block 1 Center of Excellence, CSE Block, SJBIT.

Social Status Computation for Nodes of Overlapping Communities in Directed Signed Social Networks

Nancy Girdhar and K K Bharadwaj

School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi, India

A Genetic Algorithm Approach to Context-aware recommendations based on Spatio Temporal Aspects

Sonal Linda and K K Bharadwaj

School of Computer and Systems Sciences Jawaharlal Nehru University, New Delhi, India

Classification of Proteins using Naïve Bayes Classifier and Surface Invariant Coordinates

Babasaheb S Satpute, Raghav Yadav

SIET, SHUATS, Allahabad, India

A Vision-Based On-road Vehicle Light Detection using Support Vector Machines

J Arunehru, H. Anwar Basha, Ajay Kumar, R Sathya, M Kalaiselvi Geetha

SRM University (Vadapalani Campus), Chennai, Annamalai University, Annamalainagar, India.

A Novel Approach for Community Detection using Label Propagation Technique

Jyoti Shokeen, Chhavi Rana, Harkesh Sehrawat

University Institute of Engineering and Technology, Rohtak, Haryana, India

Learner Level and Preference Prediction of E-Learners for E-Learning Recommender Systems

D Deenadayalan and A Kangaialmal and B K Poornima

Department of Computer Applications Government Arts College, Salem, Tamilnadu, India

Image and Signal Processing (Session 2c)

Venue : Block 2 Center of Excellence, CSE Block, SJBIT.

A Parallel Algorithm to hide an Image in Image for Secured Steganography

N Gopalakrishna Kini, Gautam, Vishwas G Kini

Manipal Institute of Technology, Manipal University, Karnataka, India

Medical Image Segmentation using GAbased Modified Spatial FCM Clustering

Amiya Halder, Avranil Maity and Ananya Das

STCET, Kidderpore, Kolkata, West Bengal, India

Selective Video Encryption based on Entropy Measure

Rohit Malladar, R Sanjeev Kunte

Jain Institute of Technology, Davangere, India, JNN College of Engineering, Shimoga, India

Improved Blurred Image Splicing Localization with KNN Matting

Abhijith P S, Philomina Simon

University of Kerala, Kariavattom, Thiruvananthapuram, India

Single Image Super Resolution using Gradient and Texture Similarity

Rajeena L, Philomina Simon

University of Kerala, Kariavattom, Thiruvananthapuram, India

An Unsupervised Approach for Moving Object Detection Using Distinction Features
G Augusta Kani, P Geetha
College of Engineering Guindy, Anna University, Chennai, Tamilnadu, India.

5.30 PM – 7.00 PM: Cultural Program and Banquet.
Venue: CSE Main Seminar Hall

Day 2 : 25th January 2018, Thursday

Venue : Seminar Hall, Dept. of CSE, SJB Institute of Technology, BGS Health and Education City, Kengeri, Bengaluru – 560 060

9.30 AM – 10.30 AM : Keynote Address-III

10.30 AM – 11.00 AM : Tea Break

11.00 AM – 12.45 PM : (Session 3)

Communication, Network and Security: (Session 3a)

Venue : CSE Main Seminar Hall, SJBIT.

Throughput Optimization Methods for TDMA based Tactical Mobile Ad-Hoc Networks

Selvakumar G, Ramesh K S, Shashikant Chaudhari and Manoj Jain

Central Research Laboratory, Bharat Electronics Limited, Bengaluru, INDIA

Distributed IoT and Applications: A survey

Jennath H.S., Adarsh S, Anoop V S

Indian Institute of Information Technology and Management, Kerala, India

DNA based XOR Operation (DNAX) for Security of Data and DNA as Storage Medium

Siddaramappa V, Ramesh K B

R V College of Eng., VTU, Bangalore, India

Modeling of Data Rate based Peripheral Security System in GNU radio

Urvish Prajapati, B Siva Kumar Reddy and Abhishek Rawat

Institute of Infrastructure Technology Research and Management, Ahmadabad, India

Adiabatic SRAM Cell and Array

Ayon Manna, Kanchana Bhaaskaran V S

VIT University, Chennai, India

A Comparative Study on Prominent Strategies of Cluster Head Selection in Wireless Sensor Networks

Priti Maratha, Kapil

National Institute of Technology, Kurukshetra, India

Empirical Evaluation of Real-time Task-Priority Procedure on Small-Medium Scale Multicore Systems

*P Pavan Kumar, Ch.Satyanarayana K, A Ananda Rao , P Radhika Raju
JNTU, Anantapur, Anantapuramu, India*

Machine Learning : (Session 3b)

Venue : Block 1 Center of Excellence, EC Block, SJBIT.

Machine Learning Based Model for Identification of Syndromic Autism Spectrum Disorder

*V Pream Sudha, M S Vijaya
PSGR Krishnammal College for Women, Coimbatore, India*

Decision Tree Classifier for Classification of Proteins using Protein Data Bank

*Babasaheb S Satpute, Raghav Yadav
SIET, SHUATS, Allahabad, India*

Predicting Survival of Communities in Social Network

*Greeshma N Gopal, Shemeema Hashim, and Binsu C Kovoov
School of Engineering , CUSAT, Kochi, India, College of Engineering Cherthala, Kerala.*

A Novel Private Information Retrieval Technique for Private DNS Resolution

*Radhakrishna Bhat and N R Sunitha
Siddaganga Institute of Technology, Tumakuru, Karnataka, India*

Support Vector Regression for Predicting Binding Affinity in Spinocerebellar Ataxia

*P R Asha, M S Vijaya
PSGR Krishnammal College for Women, Coimbatore, India*

HDFS Logfile Analysis using Elastic Search LogStash and Kibana

*B.Purnachandra Rao, N Nagamalleswara Rao
ANU College of Engg & Technology, Guntur, India*

Analysis of NSL-KDD Dataset using K-means and Canopy Clustering Algorithms Based on Distance Metrics

*Vinutha H P, Poornima B
Bapuji Institute of Education & Technology, Davangere, India*

Image and Signal Processing (Session 3c)

Venue : Block 2 Center of Excellence, CSE Block, SJBIT.

A Fast and Efficient Method for Image Splicing Localization using BM3D Noise Estimation

*Aswathy M Das, Aji S
University of Kerala, Thiruvananthapuram, India*

A Single Image Haze Removal Method with improved Airlight Estimation using Gradient Thresholding

Shafina M, Aji S

University of Kerala, Thiruvananthapuram, India

Rough K-means and Morphological Operation based Brain Tumor Extraction

Oyendrilla Dobe, Apurba Sarkar, Amiya Halder

St. Thomas College of Engineering and Technology, Kolkata, India, Indian Institute of Engineering Science and Technology - [IIEST] Shibpur, Howrah, India

A Mechanism for Detection of Text in Images using DWT & MSER

B N Ajay, C Naveena

VTU-RRC, Belagavi, India, SJB Institute of Technology, Bangalore, India.

A Novel Approach to Segment an Arecanut Bunches using Active Contour Method

Dhanesha R and Shrinivasa Naika C L

U B D T College of Engineering, Davanagere, Karnataka, India

Metaheuristic Based Virtual Machine Task Migration Technique for Load Balancing in Cloud

Geetha Megharaj And Mohan G Kabadi

Sri Krishna Institute of Technology, Bangalore, India, Presidency University, Bangalore, India.

Analysis of Student Engagement and Course Completion in Massive Open Online Courses

S Suresh Kumar, Mallikarjuna Shastry P M

Visvesvaraya Technological University (VTU)-RRC, Belagavi, Karnataka, India, Reva Institute of Technology & Management (VTU), Bengaluru, Karnataka, India.

12.45 PM – 1.45 PM : Lunch Break

1.45 PM – 2.45 PM : Keynote Address-IV

2.45 PM – 3.00 PM : Tea Break

3.00 PM – 4.15 PM: (Session 4)

Communication, Network and Security: (Session 4a)

Venue : CSE Main Seminar Hall, SJBIT.

Application of Swarm Intelligence in Autonomous Cars for Obstacle Avoidance

Adil Hashim, Tanya Saini, Hemant Bhardwaj, Adityan Jothi, Ammannagari Vinay Kumar

Amity University, Noida, India

Home Automation using Hand Recognition for Visually challenged

Ammannagari Vinay Kumar, Adityan Jothi, Adil Hashim, Pulivarthi Narender, Mayank Kumar Goyal

Amity University, Noida, India

Server Communication Reduction for GPS Based Floating Car Data Traffic Congestion Detection Method

Abdul Wahid, A C S Rao, Dipti Goel

Indian Institute of Technology (Indian School of Mines) Dhanbad, Jharkhand, India, National Institute of Technology Kurukshetra, Haryana

Examination of Sense-Significance in Semantic Web Services Discovery

Aradhana Negi, Parminder Kaur

Guru Nanak Dev University, Amritsar, India

Random Seeding LFSR based TRNG for Hardware Security Applications

Shiva Prasad R, Anirudh Siripagada, Santhosh Selvaraj, Mohankumar N

Amrita Vishwa Vidyapeetham, Coimbatore, India, Cognizant Technology Solutions, Chennai, India

Machine Learning : (Session 4b)

Venue : Block 1 Center of Excellence, EC Block, SJBIT.

Prediction of Different Types of Wine using Nonlinear and Probabilistic Classifiers

Satyabrata Aich, Mangal Sain, Jin-Han Yoon

Inje University, Gimhae, South Korea, Dongseo University, Busan, South Korea, Daedong College, Busan, South Korea.

Improved k-anonymity Privacy Preserving Algorithm using Madhya Pradesh State Election Commission Big Data

Priyank Jain, Manasi Gyanchandani, Nilay Khare

Maulana Azad National Institute of Technology Bhopal, MP, India

Intelligent Bots Architecture for e-Advertisements

Roopa G M, Nirmala C R

Bapuji Institute of Engineering & Technology, Davangere, Karnataka, INDIA.

A Big Data Architecture for Log Data Storage and Analysis

Swapneel Mehta, Prasanth Kothuri, Daniel Lanza Garcia

Dwarkanadas J. Sanghvi College of Engineering, Mumbai, India, European Organisation for Nuclear Research, Meyrin, Geneva

Efficient Resource Utilization by Reducing Broker Cost Using Multi Objective Optimization

Dhanalakshmi B K, Srikantaiah K C and Venugopal K R

S J B Institute of Technology, Bangalore, India, University Visvesvaraya College of Engineering, Bangalore University, Bangalore, India.

Computing (Session 4c)

Venue : Block 2 Center of Excellence, CSE Block, SJBIT.

Extended Conflict Based Search with Awareness

Shyni Thomas, Dipti Deodhare and M Narasimha Murty

Centre for AI & Robotics (CAIR), DRDO, Bangalore, Indian Institute of Science (IISc), Bangalore, India

Parametric and Functional-based Analysis of Object Oriented Dynamic Coupling Metrics

Navneet Kaur, Hardeep Singh

Guru Nanak Dev University, Amritsar, India

Unraveling the Challenges for the Application of Fog Computing in different realms: A faceted study

John Paul Martin, A Kandasamy, and K Chandrasekaran

National Institute of Technology, Karnataka, India

A Probe into the technological enablers of Microservice Architectures

Christina Terese Joseph and K Chandrasekaran

National Institute of Technology, Karnataka, Surathkal, India

Smart Poster for Tourism Promotion through NFC Technology

Satya Naraparaju, Pranavi Jalapati, Kalyani Nara

G Narayanamma Institute of Technology and Science, Hyderabad, India

4.30 PM - 5.30 PM : Valedictory.

Venue: Seminar Hall, Dept. of CSE, SJBIT Institute of Technology, BGS Health and Education City, Kengeri, Bengaluru - 560 060.