



**St. Joseph's Institute of Technology**  
(St. Joseph's Group of Institutions)  
OMR, Chennai -119.



**1<sup>st</sup> International Conference on  
Recent Trends in Engineering and Technology  
28 & 29 April 2016**

**Program Schedule & Session Details**

**Organized by  
Faculty of Engineering and Technology**

## **Program Schedule**

<b>28 – 04 – 2016 ( Thursday)Day -1</b>	<b>Time</b>	<b>Event</b>
	<b>8.15 AM onwards</b>	<b>REGISTRATION</b> <b>Venue: AV Hall – 2 (Administrative block)</b>
	<b>09.00 AM -10.00 AM</b>	<b>INAUGURATION</b> <b>Venue: AV Hall –2 (Administrative block)</b>
	<b>10.00 AM - 10.15 AM</b>	<b>HIGH TEA</b>
	<b>10.15 AM – 12.15 PM</b>	<b>Technical Session 1</b>
	<b>12.15 PM – 1.00 PM</b>	<b>Lunch</b>
	<b>1.00 PM – 3.00 PM</b>	<b>INVITED TALK</b> <b>Venue: Conference Hall – 3 (Administrative block)</b>
	<b>3.00 PM – 3.15 PM</b>	<b>HIGH TEA</b>
	<b>3.00 PM – 4.45 PM</b>	<b>Technical Session 2</b>
<b>29– 04 – 2016 ( Friday)Day -2</b>	<b>8.00 AM – 10.00 AM</b>	<b>Technical Session 3</b>
	<b>10.00 AM – 10.15 AM</b>	<b>HIGH TEA</b>
	<b>10.15 AM – 12.15 PM</b>	<b>Technical Session 4</b>
	<b>12.15 PM – 1.00 PM</b>	<b>Lunch</b>
	<b>1.00 PM to 3.00 PM</b>	<b>Technical Session 5</b>
	<b>3.00 PM – 3.15 PM</b>	<b>HIGH TEA</b>
	<b>3.00 PM to 4.00 PM</b>	<b>Valedictory Function</b> <b>Venue: AV Hall – 1 (Administrative block)</b>

## **Department of Computer Science and Engineering**

Date : 28 / 04 / 2106		Department of Computer Science and Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Cloud Computing
S. No.	Title		
1.	A Web based Application of Power Of Attorney		
2.	Surveillance and Steering of Irrigation System in Cloud using Wireless Sensor Network and Wi-Fi Module		
3.	Optimized task scheduling with secure storage and duplicating data for IAAS cloud		
4.	A Rapid Data Retrieval In Big Data Environment Using Hummingbird Algorithm		
5.	Adaptive Opportunity Checking Of Webservice With Recommendation System		
6.	An Anonymous Access Control To Support Multi-Keyword Ranked Search For Mobile Cloud		
7.	An Approach To Improve The Efficiency Of Resource Utilization In Cloud Environment		
8.	Efficient Hierarchical Algorithm For Document Clustering Using Spherical K-Means In Cloud Storage		
9.	Detection Of Breast Cancer By The Identification Of Circulating Tumor Cells Using Association Rule Mining		
10.	Intensifying The Features Of Web Exploration Usability		
11.	Preservation Of Privacy By Non-Synthetic Perturbation Technique In Association Rule Mining		
12.	A Survey of Metaheuristic Scheduling Techniques in Cloud Computing Environment		
13.	Improvement Of Hadoop Ecosystem And Their Pros And Cons In Big Data		

14.	Providing user privilege for data duplication with Hybrid Cloud Architecture
15.	Efficient Resource Management In Cloud Computing Using Green Control Algorithm
16.	Multitenant Cloud VM Security Using HyperCoffer and HSVM

Date : 28 / 04 / 2106		Department of Computer Science and Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Cloud Computing
S. No.	Title		
1.	Classification of Side Effects associated with Anticancer Drugs using Oncological Articles		
2.	Mining Association rules for Early Diagnosis of Diseases from Electronic Health Record		
3.	Double Auction Pricing Scheme For Effective Utilization Of Resources In Cloud		
4.	An Effective System for Data Leakage Detection		
5.	Forecasting models for determining pricing for Media Resource Allocation in the cloud		
6.	An Efficient User Revocation and Anti - Collusion Scheme for Dynamic Groups in Cloud		
7.	A Novel Approach to Analyze and Estimate Error Rate for an Web Crawler Dataset		
8.	Forecasting models for determining pricing for Media Resource Allocation in the cloud		
9.	Self-Configurable Semantic Service Architecture for Multimedia Service Composition		
10.	Application of Association Rule Mining in Risk Analysis for Diabetes Mellitus		

11.	An Effective Mechanism For Virtual machine Placement Using ACO in IAAS Cloud
12.	Continuous Security Assessment Of Applications In Cloud
13.	Knowledge Base Sentiment Analyzation And Opinion Mining From Online Reviews
14.	Multitenant Cloud VM Security Using HyperCoffer and HSVM
15.	Classification of Side Effects associated with Anticancer Drugs using Oncological Articles
16.	Mining Association rules for Early Diagnosis of Diseases from Electronic Health Record
17.	Elliptic Curve Cryptography

Date : 28 / 04 / 2106		Department of Computer Science and Engineering	Venue:
Time: 3.00 PM – 4.45 PM			AI & Knowledge Engineering
S. No.	Title		
1.	Distributed Association Rule To Predict Diabetes Mellitus Using Atrb		
2.	Parallel Multi-Layer Online Sequential Extreme Learning Machine Based On Map Reduce		
3.	Exploratory Health Information Search Using Novel Pattern Algorithm		
4.	Finding Experts For Knowledge Sharing In Global Environment		
5.	An Effective Approach For Web Services Recommendation Using Adaptive Weighting Algorithm With Temporal Features		
6.	Machine Learning Approach For Identifying And Diagnosing The Cancer Types		

7.	Person Identification And Notification For Memory Loss Patients Using Eigenface Recognition Algorithm
8.	Facial Expression Recognition Using Features Of Active Face Regions
9.	Domain Adaptive Feature Learning For Action Recognition Using Genetic Programming
10.	Evaluation Of Information Retrieval Systems Using Various Measures
11.	A Horizontal Formatting Of Partially-Ordered Sequential Mining With Apriori-Based Algorithm
12.	Sentence Level Sentiment Analysis Using Efficient Machine Learning Algorithms
13.	Object Recognition Using Deep Neural Networks
14.	Anomaly Evaluation Of Mobile Application With Knowledge Transformation In Ranking Fraud Detection
15.	Analyzing The User Navigation Pattern From Weblogs Using Data Pre-Processing Technique

<b>Date : 29 / 04 / 2106</b>	<b>Department of Computer Science and Engineering</b>	<b>Venue:</b>
<b>Time: 8.00 AM – 10.00 AM</b>		<b>Image processing</b>

S. No.	Title
1.	Two stage image denoising using principal component analysis with local pixel grouping
2.	Abnormal Event Detection Using Content Based Video Retrieval
3.	Non interactive gender identification and segmentation of standing humans from static images
4.	A New Forensic Approach of Detection of Image Tampering Using Wavelet Transformation
5.	Analysis of Different Pulse Shaping Filters for BPSK and QPSK Modulation Techniques in a Communication Channel using USRP
6.	A Study on Identifying the Interestingness of Features in High Dimensional Data
7.	Half-toning Based Multilayer Watermarking Technique For Secured Patent Protection
8.	Advancing the Border Area Security By Detecting the Unauthorized Persons Using Image Processing Techniques
9.	Automatic video genre classification using audio and video features
10.	Biometric Identification Using Palm Vein Recognition Based On Curvelet Transform
11.	Bidirectional Llc Resonant Converter For Forward And Backward Mode Transition In Renewable Energy Systems
12.	Gaussian Mixture Model Based Speaker Recognition Using Air And Throat Microphone
13.	Iris Segmentation Using Geodesic Active Contour Method
14.	Gradient-Based Computational Approach For Identification And Counting Of Microorganisms In Light Microscopic Images
15.	An efficient approach for representing high utility itemset from temporal database

16.	Portable Camera-Based Text Recognition And Product Label Reading For Blind Persons
17.	An Effective Quantum Key Distribution approach to prevent side channel attack in centralized environment
18.	Road Based Travel Recommendation By Mining Important Tourist Location And Travel Sequences Using Geotagged Images
19.	Forecasting Ship Data Using Asvm Algorithm
20.	Bi-Level and Multi – Level Image Segmentation using Improved PSO Algorithm

Date : 29 / 04 / 2106		Department of Computer Science and Engineering	Venue:
Time 10.15 AM – 12.15 PM			Security
S. No.	Title		
1.	Fusion Of Left And Right Palmprint Images To Procure Secured Authentication		
2.	Security Enhanced Indirect Pin Entry System		
3.	Secure Data Retrieval In Cloud Using Linear Secret Sharing Message Authentication		
4.	Comparison Of Various Biometric Authentication Methods		
5.	Efficient User Revocation Scheme In Multi User Searchable Encryption Over Cryptographic Cloud Storage		
6.	Secure Data Retrieval In Cloud Using Linear Secret Sharing Message Authentication		
7.	Stegnographic Image Using Biometrics For Remote Authentication		



8.	A Crypto System Based On Revocable And Unique Session Key
9.	Stegnographic Image Using Biometrics For Wireless Networks
10.	Half-Toning Based Multilayer Watermarking Technique For Secured Patent Protection
11.	A Study Of Various High Securable Image Encryption Techniques
12.	Feature Extraction And Pupil Detection Based Iris Biometric Security System
13.	Analyzing And Improving The Security Of Cryptographic Algorithm Against Side Channel Attack
14.	Analysis Of Credential Recovery Attack On Chang-Lee Single Sign-On Scheme
15.	Preventing Data Loss And Increasing Data Security Using File Instance Sharing (Fis)
16.	Generation Of Question Paper Using Credit System
17.	Automated Toll Booth System
18.	Low Cost Implementation Of Zigbee Based Wireless Sensor Network For Forest Fire Monitoring System In Tamilnadu Forests
19.	Design And Development Of GPS Guided Autonomous Ground Vehicle For Precision Farming
20.	Healthcare Monitoring Application For Diabetes Patients
21.	Acmfapp: Accurate Checker For Malevolent Facebook App
22.	Online Social Network Users Survey Among Students-2016
23.	Holistic E-Health System

24.	Predicting E-shopping Data Using Deep Learning
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<b>Date : 29 / 04 / 2106</b>		<b>Department of Computer Science and Engineering</b>	<b>Venue:</b>
<b>Time 1.00 PM to 3.00 PM</b>			<b>Networking, Application&amp; Technology</b>
<b>S. No.</b>	<b>Title</b>		
<b>1.</b>	Secured Upgrade of Complex Networks Using Probabilistic Graph Modeling (PGM)		
<b>2.</b>	Extractive Technique for Summary Generation using Optimization		
<b>3.</b>	LOCATING THE MOBILE PHONE BY USING RADIO FREQUENCY IN WSN		
<b>4.</b>	An Efficient Cost Aware Secure Routing Protocol For Wireless Sensor Networks		
<b>5.</b>	Reversible Data Hiding Using Enhancement And Compressed Sensing		
<b>6.</b>	Distributed processing of Large Datasets with a Parallel Algorithm		
<b>7.</b>	Adaptive Middleware For Sensor Management In Ocean Observation system		
<b>8.</b>	Sql Injection Attempts: Defense Mechanism In Oracle Database		
<b>9.</b>	Minimizing Mobility For Data Aggregation In Cluster Based Rfid Network		
<b>10.</b>	Software Defined Networking: Vision Architecture, Tools		
<b>11.</b>	An Unified Deployment Framework for Realization of Green Internet of Things (GIoT)		

12.	Direct Trust-based Dection and Recovery process of JellyFish Attack in MANET
13.	Dynamic Recommendation using Particle swarm optimization based Bi-clustering Technique
14.	Traffic Balancing Using Raco-Car Based Adaptive Routing In Mesh Network
15.	An Efficient and Scalable Distribution of Target for Optimal IMAX Query Processing with User Interest
16.	Smart Health Monitor and Reminder System Using Internet of Things
17.	A Distributed Processing Of Large Datasets With a Parallel Algorithm
18.	Combinational And Sequential Hardware Trojan Detection In ALU Using PCA In 90nm Technology
19.	Contemporary Method For Theme Detachment Based On Root Word Abstraction
20.	Customized Google Maps For Multiple Location Comparison Based On Current Traffic
21.	Beacon Based Vehicle Tracking And Vehicle Monitoring System

### **Department of Electronics and Communication Engineering**

<b>Date : 28 / 04 / 2106</b>	<b>Department of Electronics and Communication Engineering</b>	<b>Venue:</b>
<b>Time: 10.15 AM – 12.15 PM</b>		<b>Domain: Embedded System</b>

S. No.	Title
1	DEVELOPMENT OF A LIFE DETECTION ROBOTIC SYSTEM USING A PYROELECTRIC DEVICE
2	AN INTELLIGENT NAVIGATOR FOR INDOOR APPLICATIONS USING RASPBERRY PI
3	FIRE DETECTION SECURITY SYSTEM USING "RASPBERRY PI"
4	PREDICTION OF INSULATION FAILURE IN TRANSFORMER WINDING USING SIGNATURE ANALYSIS
5	QUANTUM DOT SEMICONDUCTOR OPTICAL AMPLIFIERS : A CONCEPTUAL DESIGN
6	ANDROID PHONE CONTROLLED OBSTACLE AVOIDING ROBOT
7	DEVELOPMENT OF A NON-INVASIVE SYSTEM TO DETECT THYROID DYSFUNCTION
8	DESIGN OF TFET FOR STEEP SS AND HIGH ION
9	SMART SYSTEM FOR REAL TIME TRAFFIC MONITORING AND CONGESTION AVOIDANCE
10	FOOT ULCER TREATMENT BY ULTRASOUND TECHNIQUE
11	DESIGN AND DEVELOPMENT OF AFFORDABLE COUGH MONITORING SYSTEM
12	TRANSDUCER APPROACH FOR SENSORIAL HEARING LOSS BY SOUND BITE HEARING SYSTEM
13	ELECTRIC HAZARD PREVENTION SYSTEM
14	SECURE BIOMETRIC AUTHENTICATION SYSTEM USING CHAOTIC ENCRYPTION
15	SMART TRAFFIC MANAGEMENT USING A BIPV (BUILDING INTEGRATED PHOTO-VOLTAIC) POWERED LI-FI SYSTEM
16	CARING SYSTEM FOR ELDER PEOPLE

17	OPTIMAL IRRIGATION SYSTEM FOR AGRICULTURAL FARMLAND
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Date : 28 / 04 / 2106		Department of Electronics and Communication Engineering	Venue:
Time: 3.00 PM – 4.45 PM			Domain: Communication, VLSI & DSP
S. No.	Title		
1	PERFORMANCE EVALUATION OF FINFET SRAMS OVER CMOS SRAMS IN 45NM NANOSCALED TECHNOLOGIES		
2	AN EFFICIENT IMPLEMENTATION OF FAST FOURIER TRANSFORM FOR OFDM SCHEME		
3	DUAL-EDGE TRIGGERED LEVEL-CONVERTING FLIP FLOP FORZIGBEE TRANS-RECEIVER		
4	ANALYSIS OF DIFFERENT PULSE SHAPING FILTERS FOR BPSK AND QPSK MODULATION TECHNIQUES IN A COMMUNICATION CHANNEL USING USRP		
5	DECENTRALIZED ALGORITHM FOR TRANSMIT POWER MINIMIZATION OF MULTICELL MIMO COGNITIVE RADIO NETWORKS		
6	SWIMMING: PERSISTENT Wi-Fi ACCESS FROM MOVING VEHICLES		
7	CYCLOSTATIONARY FEATURE SPECTRUM SENSING FOR COGNITIVE RADIO NETWORKS EMPLOYING FREQUENCY SHIFT (FRESH) FILTER		
8	DESIGN OF LOW POWER 2-4 COMPRESSOR BASED 4-BIT DADDA MULTIPLIER USING TWO PHASE CLOCKING ADIABATIC LOGIC		
9	DESIGN OF LOW POWER PARALLEL PREFIX ADDER USING TWO PHASE CLOCKING ADIABATIC LOGIC		
10	DESIGN OF SDR TRANSCEIVER IN INDUSTRIAL AUTOMATION		
11	IMPLEMENTATION OF HIGH RESOLUTION AND POWER EFFICIENT ADC BY USING PIPELINE CONFIGURATION TECHNIQUE		
12	ENERGY EFFICIENT COMMUNICATION IN UNDERLAY MIMO COGNITIVE RADIO NETWORK		

<b>13</b>	ANALYSIS OF WIRELESS COMMUNICATION IN HIGH-SPEED RAILWAY ENVIRONMENT
<b>14</b>	A LOW POWER MEMORY ARCHITECTURE FOR ZIGBEE TRANS-RECEIVER
<b>15</b>	A NOVEL EQUALIZATION TECHNIQUE FOR OPTIMAL FUNCTIONING OF PHOTOVOLTAIC MODULES UNDER SHADED CONDITIONS
<b>16</b>	LOW COMPLEXITY IMPLEMENTATION OF LMS/ZALMS ADAPTIVE FILTER FOR SPARSE SYSTEM IDENTIFICATION
<b>17</b>	NUMBER PLATE DETECTION USING HESSIAN BASED DECONVOLUTION TECHNIQUE
<b>18</b>	AN EFFICIENT VLSI ARCHITECTURE FOR PULSE SHAPING FIR INTERPOLATION FILTER OF MULTISTANDARD DUC
<b>19</b>	EVOLVED MULTIMEDIA BROADCAST MULTICAST SERVICE IN LTE ALONG WITH COGNITIVE RADIO ON TV BANDS
<b>20</b>	NEW EFFICIENT DESIGNS FOR DEEP-SUBMICRON NOR GATE ON THE TRANSISTOR LEVEL

<b>Date : 29 / 04 / 2106</b>		<b>Department of Electronics and Communication Engineering</b>	<b>Venue:</b>
<b>Time: 8.00 AM – 10.00 AM</b>			<b>Domain: Antenna</b>
<b>S. No.</b>	<b>Title</b>		
<b>1</b>	DEVELOPMENT AND ANALYSIS OF MICROSTRIP ANTENNA WITH REJECTION FILTER FOR SHORT RANGE WIRELESS APPLICATIONS		
<b>2</b>	TRIANGULAR UWB ANTENNA WITH REDUCED GROUND PLANE EFFECT		
<b>3</b>	DESIGN AND ANALYSIS OF CIRCULAR PATCH FRACTAL ANTENNA FOR RADAR APPLICATION		

4	DESIGN OF BEAMFORMING BASED QUAD-ANTENNA ARRAY OPERABLE AT 2.4 GHZ
5	DESIGN AND ANALYSIS OF SUBSTRATE INTEGRATED WAVEGUIDE WIDEBAND FILTER FOR X-BAND FREQUENCY APPLICATION
6	A DIELECTRIC RESONATOR LOADED FRACTAL SHAPED SLOT LOOP MULTI-BAND ANTENNA
7	LIGHTWEIGHT AND FLEXIBLE MICROSTRIP 2X2 WEARABLE ANTENNA ARRAY FOR 2.45 GHZ ISM APPLICATION
8	ANALYSIS OF SPLIT RING RESONATORS IN PATCH ANTENNA
9	DESIGN AND ANALYSIS OF CROSS SHAPED PLANAR INVERTED“F ANTENNA (PIFA) FOR WIRELESS APPLICATIONS
10	A COMPARATIVE ANALYSIS ON THE SUITABILITY OF THE DUALPOLARIZED MICROSTRIP ANTENNAS FOR BROADBAND APPLICATIONS
11	ENHANCEMENT OF GAIN IN MICROSTRIP PATCH ANTENNA FOR WLAN APPLICATION USING EBG STRUCTURE
12	RECONFIGURABLE PRINTED PATCH WITH PAIR OF U SHAPED STRIPS FOR C-BAND APPLICATIONS.
13	EIGHT CHANNEL DWDM DEMULTIPLEXER IN TWO-DIMENSIONAL SQUARE LATTICE PHOTONIC CRYSTAL
14	SMART T-SLOT FILTENNA FOR COGNITIVE RADIO APPLICATION
15	DESIGN AND DEVELOPMENT OF A DUAL LOOP HEPTA-BAND ANTENNA FOR WIRELESS COMMUNICATIONS
16	ANALYSIS OF BAND PASS FILTER FOR GSM APPLICATIONS

Date : 29 / 04 / 2106		Department of Electronics and Communication Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Domain: Digital Image Processing
S. No.	Title		

<b>1</b>	MULTI-FEATURE JOINT DESCRIPTOR BASED IMAGE DETECTION ALGORITHM FOR CROCODILE DETECTION
<b>2</b>	FAST FRACTAL IMAGE COMPRESSION ALGORITHM BASED IMAGE INTERFACING SYSTEM
<b>3</b>	PERFORMANCE IMPROVEMENT OF 3D IMAGE SEGMENTATION IMPLEMENTATION USING EM/MPM ALGORITHM
<b>4</b>	ANALYSIS OF LUNG NODULE AND CLASSIFICATION BASED ON SVM CLASSIFIER AND FUZZY C-MEANS CLUSTERING FOR EFFECTIVE SEGMENTATION
<b>5</b>	BI-LEVEL AND MULTI - LEVEL IMAGE SEGMENTATION USING IMPROVED PSO ALGORITHM
<b>6</b>	FEATURE EXTRACTION AND CLASSIFICATION FOR SEGMENTATION OF OVERLAPPING CERVICAL CELLS BY MULTIPLE LEVEL SET FUNCTIONS OPTIMIZATION
<b>7</b>	CATEGORIZING SHORT AND LONG RANGE PIXELS FOR IMAGE SEGMENTATION
<b>8</b>	CLASSIFICATION OF BRAIN MATTERS DISEASE IN MRI BY USING GLCM AND ANN CLASSIFIER
<b>9</b>	BLOCK BASED COMPRESSED SENSING ALGORITHM FOR MEDICAL IMAGE COMPRESSIO
<b>10</b>	GRADIENT-BASED COMPUTATIONAL APPROACH FOR IDENTIFICATION AND COUNTING OF MICROORGANISMS IN LIGHT MICROSCOPIC IMAGES
<b>11</b>	IRIS SEGMENTATION USING GEODESIC ACTIVE CONTOUR METHOD
<b>12</b>	AN EFFICIENT TECHNIQUE FOR FINGERPRINT FEATURES PROTECTION AND PERSON IDENTIFICATION USING WAVELET TRANSFORM
<b>13</b>	PUPIL DETECTION AND TRACKING BY IMAGE PROCESSING
<b>14</b>	OPTIMAL MULTI-THRESHOLDING FOR COLOUR IMAGE USING KAPUR'S ENTROPY AND BACTERIAL FORAGING ALGORITHM
<b>15</b>	HALFTONING BASED BLOCK TRUNCATION CODING FOR EFFECTIVE IMAGE RETRIEVAL
<b>16</b>	AN EFFECTIVE LOW POWER IMAGE COMPRESSION SYSTEM BASED ON BF527



17	OPTIMIZATION BASED MACULA SEGMENTATION FOR RETINAL IMAGE ANALYSIS
18	HUMAN FACIAL RECOGNITION WITH EXPRESSION ANALYSIS USING UNIQUE IDENTITY
19	IMAGE COPY-MOVE FORGERY DETECTION BASED ON SLIC SEGMENTATION
20	REVERSIBLE WATERMARKING USING ADAPTIVE EDGE SENSING INTERPOLATION

Date : 29 / 04 / 2106		Department of Electronics and Communication Engineering	Venue:
Time: 1.00 PM – 3.00 PM			Domain: Wireless
S. No.	Title		
1	FUTURE BLACK BOARD USING INTERNET OF THINGS WITH COGNITIVE COMPUTING		
2	RESEARCH ON THE EFFECTIVE INTEROPERABILITY BETWEEN HETEROGENEOUS DATA COMMUNICATION NETWORKS BASED ON DUALPROTOCOL STACK AND TUNNEL TRANSITION		
3	WIRELESS SENSOR NETWORK FOR INDUSTRIAL MONITORING AND CONTROLLING		
4	ANALYSIS OF DATA PREDICTION ALGORITHMS IN WIRELESS SENSOR NETWORKS		
5	MULTIPLE QUERY IMAGE RETRIEVAL BY TOPOLOGY PRESERVING HASHING WITH EM RANKING		
6	ENSEMBLE CLASSIFICATION OF URBAN REGIONS USING HYPERSPECTRAL REMOTE SENSED SCENES		
7	SECURE DATA AGGREGATION TECHNIQUE IN WSN USING ONION ROUTING		
8	INTELLIGENT TRANSPORTATION SYSTEM UTILIZING SELF ORGANIZING MAC PROTOCOL		

9	DEVELOPMENT OF OPTIMIZED COMPRESSION SCHEME FOR ENERGY EFFICIENT ECG BIOSENSORS
10	SECURED ENERGY-EFFICIENT LOW-LATENCY WSN IN THE PRESENCE OF COLLUSION ATTACKS (ELCA)
11	GENETIC ALGORITHM AND DECISION TREE BASED IDS
12	A SMART WEARABLE SENSOR DEVICE FOR INFANTS WITH ASD
13	AN ENERGY EFFICIENT DISTRIBUTED ALGORITHM FOR MAXIMIZING THE WIRELESS SENSOR NETWORK
14	AN APPLICATION-SPECIFIC HIERARCHICAL CLUSTERING SCHEME FOR LIFETIME IMPROVEMENT OF WIRELESS SENSOR NETWORKS
15	IMPLEMENTATION OF IOT VIRTUAL HEALTH ASSISTANCE AID WITH INCESSANT SUPPLY
16	AN ENHANCED TECHNIQUE FOR DETECTION OF COLLABORATIVE ATTACKS IN MOBILE NETWORKS

### **Information Technology**

Date : 28 / 04 / 2106		Department of Information Technology	Venue:
Time: 10.15 AM – 12.15 PM			Wireless Networks & Data Mining
S. No.	Title		
1	EFFICIENT MULTI-HOP BROADCAST USING FUZZY RELAYS AND NETWORK CODING IN WIRELESS SENSOR NETWORKS		
2	MULTI-OBJECTIVE TRUST MODEL FOR WIRELESS SENSOR NETWORKS		
3	IMPROVED NETWORK CODING BASED ROUTING IN WIRELESS NETWORK		

4	FEATURE REDUCTION BOOSTER ALGORITHM FOR HIGH DIMENSIONAL DATA CLASSIFICATION
5	EXTRACTING SPATIO-TEMPORAL BEHAVIOUR OF HUMAN ACTIONS USING SUPPORT VECTOR MACHINE

Date : 28 / 04 / 2106		Department of Information Technology	Venue:
Time: 03.00 PM – 04.45 PM			Data mining
S. No.	Title		
1	PREDICTING ESHOPPING DATA USING DEEP LEARNING		
2	NOVEL GRAPH BASED RANKING METHOD FOR THE DETECTION OF TRAFFIC SIGN		
3	ANALYZING CARDIOLOGICAL DATASET USING NOVEL TIME INTERVAL    BASED ALGORITHM		
4	SECURE SHARING OF PHOTOS ON ONLINE SOCIAL NETWORK (OSN)		
5	SILO: INDEX BASED DEDUPLICATION WITH THIRD PARTY AUDITING IN CLOUD STORAGE		

Date : 29/ 04 / 2106		Department of Information Technology	Venue:
Time: 08.00 AM – 10.00 AM			Cloud Computing & Data mining
S. No.	Title		
1	A NOVEL EDUCATIONAL SERVICE MANAGEMENT TECHNIQUES USING CLOUD		

<b>2</b>	TRUST BASED CLOUD SERVICE PROVIDER SELECTION
<b>3</b>	NOVEL BSA ALGORITHM FOR CLOUD STORAGE USING COMMON DEPLOYMENT MODEL
<b>4</b>	XACML- BASED SOLUTIONS FOR PRIVACY AWARE HEALTH CARE SYSTEM

Date : 29/ 04 / 2106		Department of Information Technology	Venue:
Time: 10.15 AM – 12.15 PM			Big Data Analytics
S. No.	Title		
1	OPTIMIZATION OF MAP REDUCE IN BIG DATA		
2	EFFICIENT DATA STORAGE AND RETRIEVAL IN BIG DATA USING SHUFFLING STRATEGY		
3	INFORMATION RETRIEVAL IN DISTRIBUTED DATA CENTERS USING LINKED DATA AND RULE DECISIONS		
4	VISION BASED ANALYTICS AND OPTIMIZATION OF WEB PAGES (VLYTICS)		
Date : 29/ 04 / 2106p		Department of Information Technology	Venue:
Time: 01.00 PM – 03.00 PM			Data Mining
S. No.	Title		
1	COLLABORATIVE ONLINE APPLICATION WITH CUSTOMER LOYALTY AND ENGAGEMENT		
2	VIRTUAL FITTING ROOM		

3	ARTIFICIAL VOICE SYNTHESIZER USING FUZZY LOGICS THE TRANSLATOR FOR DUMB
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## **Mechanical Engineering**

Date : 29 / 04 / 2106		Department of Mechanical Engineering	Venue:
Time: 8.00 AM – 10.00 AM			
S. No.	Title		
1	ANALYSIS OF THE EFFECT OF L/D RATIO ON TEMPERATURES OF COLD AND HOT AIR STREAMS OF VORTEX TUBE USING COMPUTATIONAL FLUID DYNAMICS		
2	THERMAL ANALYSIS OF GAS TURBINE BLADE FOR N155, HASTEALLOY X & INCONEL 625 MATERIAL USING ANSYS		
3	STRESS ANALYSIS OF MERCEDES BENZ GEARBOX USING TAGUCHI METHOD		
4	COMPUTATIONAL ANALYSIS OF BLUNT TRAILING EDGE NACA 0012 AIRFOIL		
5	COMPUTATIONAL ANALYSIS OF CO-FLOW JETS FROM ELLIPTICAL NOZZLE		
6	MODELING AND ANALYSIS OF INTACT AND DEGENERATED DISC CONDITION FOR LUMBAR SPINE SEGMENT		

7	<b>STRESS ANALYSIS ON TURBOCHARGERS COMPRESSOR WHEEL BLADES AND TURBINE WHEEL BLADES</b>
8	<b>FATIGUE CRACK INITIATION AND GROWTH PREDICTION IN CIRCUMFERENTIALLY CRACKED STRAIGHT PIPES IN WATER ENVIRONMENT</b>
9	<b>IMPLEMENTATION OF VARIABLE TURNING RADIUS BY COMBINING ACKERMANN AND REVERSE ACKERMANN MECHANISM</b>

Date : 29 / 04 / 2106		Department of Mechanical Engineering	Venue:
Time: 10.15 AM – 12.15 PM			
S. No.	Title		
1	LIGHTWEIGHT Mg SiC COMPOSITES FOR AUTOMOTIVE INDUSTRY		
2	OPTIMIZATION OF MECHANICAL PROPERTIES OF TREATED COIR FIBER COMPOSITES USING RSM & PSO ALGORITHMS		
3	ESTIMATION of WEAR DEPTH on NORMAL CONTACT RATIO SPUR GEAR		
4	PROCESSING, MICROSTRUCTURE AND MECHANICAL PROPERTIES OF MAGNESIUM SILICID REINFORCED MAGNESIUM COMPOSITES		
5	ACCELERATED CORROSION FATIGUE CRACK GROWTH STUDIES ON IS 2062 Gr. E 300 STEEL		
6	INVESTIGATION OF DIE SINKING ELECTRICAL DISCHARGE MACHINING OF TI-6AL-4V USING COPPER AND AL <sub>2</sub> O <sub>3</sub> -TIO <sub>2</sub> COATED COPPER ELECTRODE		
7	EXPERIMENTAL AND ANALYTICAL FREE VIBRATION STUDY ON NANO-SILICA BASED CARBON		

	<b>COMPOSITE BEAMS OF BASICS SHAPES</b>
<b>8</b>	<b>INVESTIGATION INTO THE EFFECT OF SLIP BARRIER COATING ON RESISTANCE</b> <b>SPOT WELDING ELECTRODE LIFE</b>
<b>9</b>	<b>A QUANTITATIVE ANALYSIS OF 3PL PROVIDERS AND THEIR WORKLOAD IN AUTOMOTIVE INDUSTRIES</b>

Date : 29 / 04 / 2106		Department of Mechanical Engineering	Venue:
Time: 1.00 PM to 3.00 PM			
S. No.	Title		
1	IMPROVEMENT of HEAT TRANSFER RATE in SHELL and TUBE HEAT EXCHANGER USING TWISTED TUBE INSERTS		
2	PERFORMANCE EVALUATION OF KARANJA OIL FUEL BY PRE HEATING IN DIESEL ENGINE USING PELTIER ELEMENT		
3	DESIGN AND FABRICATION OF HYBRID VEHICLE USING GREEN ENERGY		
4	DECAY CHARACTERISTICS OF A SUPERSONIC JET ISSUING FROM C-D NOZZLE WITH RECTANGULAR GROOVES		
5	DESIGN OF SINGLE AXIS SOLAR TRACKING SYSTEM USING PLC		
6	INTEGRATION OF DC-DC CUK CONVERTER FOR EFFICIENT REGENERATIVE BRAKING IN HYBRID ELECTRIC VEHICLES		

<b>7</b>	<b>DESIGN FABRICATION AND ANALYSIS OF SPOKELESS TYRE</b>
<b>8</b>	<b>EFFECT OF SOLID LUBRICANTS ON THE TRIBOLOGICAL PROPERTIES OF THE DISC BRAKE PAD</b>
<b>9</b>	<b>APPLICATION OF DECISION TREE ALGORITHM FOR CLASSIFICATION AND IDENTIFICATION OF FAULTS IN DRIVE PULLEY OF CENTRIFUGAL DISCHARGE BELT BUCKET ELEVATOR</b>



## Electrical and Electronics Engineering

Date : 28 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Power Electronics and Drives
S. No.	Title		
1	ISOLATED POWER SYSTEM DESIGN USING MODIFIED P&O TECHNIQUE		
2	ADVANCED PWM TECHNIQUE IN Z-SOURCE CASCADED MULTILEVEL INVERTER WITH ASYMMETRIC SWITCHES		
3	IMPLEMENTATION OF 13 LEVEL FULL BRIDGE SWITCHED CAPACITOR INVERTER WITH SELF VOLTAGE BALANCING		
4	HYBRID SOLAR-WIND ENERGY SYSTEM WITH MPPT USING CUK-SEPIC FUSED CONVERTER		
5	IMPLEMENTATION OF SVM TECHNIQUE TO REDUCE HARMONIC FOR PHOTOVOLTAIC WATER PUMPING SYSTEM		
6	SWITCHED -RELUCTANCE GENERATOR WITH INTERLEAVED INTERFACE DC-DC CONVERTER		
7	DESIGN OF FUZZY CONTROLLER FOR FLOW CONTROL APPLICATIONS		
8	FUZZY LOGIC BASED VOLTAGE CONTROL OF TWO STAGE PHOTOVOLTAIC SYSTEM		
9	HIGH STEP-UP CONVERTER WITH THREE WINDING COUPLED INDUCTOR		
10	STEP-UP 13 LEVEL INVERTER WITH FEW NUMBER OF SWITCHES USING SC CELLS FED IM DRIVE		

Date : 28 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time: 03.00 AM – 04.45 PM			Power System
S. No.	Title		
1	SMART PHONE GUIDED VEHICLE FOR INDUSTRIAL MATERIAL TRANSPORT		
2	A COMPARATIVE STUDY ON POWER QUALITY IMPROVEMENT IN A HYBRID SYSTEM USING DVR AND STATCOM VS. DISTRIBUTED POWER FLOW CONTROLLER		
3	IMPLEMENTATION OF PMV BASED THERMAL COMFORT SENSING FOR ENERGY EFFICIENT AIR CONDITIONING		
4	PROGRESSION OF MAXIMUM POWER POINT TRACKING FOR PV		
5	EXTRA LIFE FOR FLUORESCENT LAMP USING ELECTRONIC CHOKE		
6	.SMART REAL TIME SYSTEM FOR DOMESTIC LIGHTING APPLICATION		
7	THE HIERARCHICAL THREE LAYER PROTECTION OF PHOTOVOLTAIC GENERATORS IN MICROGRID WITH CO-ORDINATED DROOP CONTROL FOR HYBRID ENERGY STORAGE SYSTEM		
8	DCS BASED EMERGENCY BOILER FEED PUMP CONTROL		
9	OPTIMAL PROCESS OF MICROGRID USING BIOGEOGRAPHY BASED OPTIMIZATION ALGORITHM		
10	REMOTELY OPERATED TERRESTRIAL VEHICLE		

Date : 29 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time: 08.00 AM – 10.00 AM			Power Electronics and Drives
S. No.	Title		
1	DESIGN OF MODEL REFERENCE ADAPTIVE CONTROLLER FOR TWO TANK CONICAL INTERACTING SYSTEM		
2	POWER ELECTRONICS INTERFACE FOR DRIVING AN INDUCTION MOTOR USING BMDIC		
3	A BIDIRECTIONAL LLC RESONANT CONVERTER WITH AUTOMATIC FORWARD AND BACKWARD MODE TRANSITIONS		
4	IMPROVEMENT OF A TOPOLOGY IN MULTI LEVEL INVERTER		
5	SOFT-SWITCHING DESIGN OF ISOLATED BOOST CONVERTER WITH COUPLED INDUCTOR		
6	SELECTIVE HARMONIC ELIMINATION (SHE) PWM FOR A SINGLE-PHASE 5-LEVEL TCHB BASED CASCADED MULTILEVEL INVERTER		
7	IMPROVED THD AND SIMULATION OF QUASI Z-SOURCE INVERTER FED INDUCTION MOTOR DRIVE		
8	NOVEL TECHNIQUE ON IMPROVEMENT OF DYNAMIC PERFORMANCE FOR POSITIVE OUTPUT TRIPLE LIFT LUO CONVERTER		

Date : 29 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time: 08.00 AM – 10.00 AM			Power System
S. No.	Title		
1	LUNG FUNCTION MONITOR FOR ASTHMA PATIENTS USING ANDRIOD PHONE		
2	POWER FACTOR CORRECTION AND TRANSIENT STABILITY ANALYSIS IN A TEXTILE MILL		
3	OPTIMAL PLACEMENT AND SIZING OF DSTATCOM USING FIREFLY ALGORITHM IN THE DISTRIBUTION SYSTEM		
4	ENHANCEMENT OF THERMO ELECTRIC GENERATION USING GREEN ENERGY TECHNOLOGY		
5	VOLTAGE EQUALIZATION FOR PARTIALLY SHADED PHOTOVOLTAIC GENERATORS WITH COORDINATED CONTROL AND PROTECTION FOR ISLANDED HYBRID MICROGRID SYSTEM		
6	ENERGY MANAGEMENT SYSTEM IN INTERNET OF THINGS PLATFORM		
7	POWER QUALITY IMPROVEMENT IN MODIFIED SOLID STATE TRANSFORMER SYSTEM USING STATCOM		
8	HYBRID VOLTAGE CONTROL USING TRANSFORMLESS DYNAMIC VOLTAGE RESTORER		

Date : 29 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Power Electronics and Drives
S. No.	Title		
1	DIRECT TORQUE CONTROL OF INDUCTION MOTOR –A COMPARISION		
2	MULTISTAGE INTERLEAVED BOOST CONVERTER		
3	TYPE-2 FUZZY SYSTEM BASED LOAD FREQUENCY CONTROL OF HYDROTHERMAL- THERMAL INTERCONNECTED POWER SYSTEM		
4	PHASE DISPOSITION PWM MULTICARRIER BASED 5 LEVEL MODULAR MULTILEVEL INVERTER FOR PV APPLICATIONS		
5	PERFOMANCE ENHANCEMENT OF PV SYSTEM USING LUO CONVERTER AND FLC BASED P&O MPPT		
6	CURRENT FED SWITCHED INVERTER WITH LESS PASSIVE COMPONENT USING PWM GENERATION TECHNIQUE		
7	DESIGN AND SIMULATION OF DC – DC CONVERTER FED MMC FOR PV SYSTEM		
8	MULTIPLE INPUT BIDIRECTIONAL DC-DC CONVERTER		

Date : 29 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Power System
S. No.	Title		
1	DISTANCE PROTECTION SCHEME FOR TRANSMISSION LINES		
2	IMPLEMENTATION OF NOVOSEL SIMPLE IMPEDANCE ALGORITHM FOR FAULT LOCATION		
3	COMBINED OPERATION OF UPQC WITH DISTRIBUTED GENERATION TO ENHANCE THE POWER QUALITY IN POWER GRID USING PSCAD		
4	MINIMIZATION OF CAPACITOR PLACEMENT COSTS IN DISTRIBUTION SYSTEM BY USING ARTIFICIAL BEE COLONY ALGORITHM		
5	ECONOMIC AND EMISSION THERMAL POWER DISPATCH WITH PRACTICAL CONSTRAINTS USING FIREFLY ALGORITHM		
6	PLC BASED CONVEYOR BELT SPEED MONITORING SYSTEM		
7	MITIGATION OF VOLTAGE SAG AND VOLTAGE SWELL USING UPQC TO IMPROVE POWER QUALITY USING DQ0 CONTROLLER		
8	PERFORMANCE IMPROVEMENT OF HYBRID RENEWABLE SOURCE FED HYBRID POWER GENERATION SYSTEM		

Date : 29 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time:1.00 PM – 03.00 PM			Power Electronics and Drives
S. No.	Title		
1	MODELLING AND ANALYSIS OF Z-SOURCE INVERTER FOR PHOTOVOLTAIC INTERFACE		
2	DESIGN AND SIMULATION OF SELF LIFT NEGATIVE OUTPUT LUO CONVERTER FOR PHOTOVOLTAIC APPLICATIONS		
3	SPEED CONTROL OF SINGLE PHASE INDUCTION MOTOR USING VARIABLE FREQUENCY CONTROL		
4	DESIGN AND IMPLEMENTATION OF THREE PHASE SEPIC BASED PHOTOVOLTAIC SYSTEM		
5	ZETA CONVERTER FED BLDC MOTOR DRIVE FOR POWER FACTOR CORRECTION		
6	ANALYSIS OF HIGH STEP-UP DC-DC CONVERTER AND BIDIRECTIONAL FLYBACK CONVERTER APPLIED TO PV GRID CONNECTED AND STREET LIGHTING SYSTEM		
7	DESIGN AND SIMULATION OF CURRENT CONTROLLED INTEGRATED DOUBLE BUCK BOOST CONVERTER FOR LED DRIVER CIRCUIT		
8	FILTERLESS HARMONIC REDUCTION IN SINGLE PHASE DC-AC CONVERTERS WITH REDUCED NUMBER OF SWITCHES		

Date : 29 / 04 / 2016		Department of Electrical and Electronics Engineering	Venue:
Time:1.00 PM – 03.00 PM			Power System
S. No.	Title		
1	SOLAR PV ARRAY FED BLDC MOTOR DRIVE USING PARTICLE SWARM OPTIMIZATION FOR SMART IRRIGATION SYSTEM		
2	AUTOMATED MONITORING OF INDUSTRIAL LOADS USING IOT AND CONTROL USING WIRELESS TECHNOLOGY		
3	A DESIGN OF DUAL AXIS SOLAR TRACKING SYSTEM USING PLC AND MONITORING WITH SCADA		
4	DEVELOPMENT OF CONTROL SYSTEM FOR INDIGENOUS ELECTROSPINNING MACHINE		
5	ANTI-ISLANDING SCHEME IN INVERTER BASED PV CONNECTED TO GRID WITH OPEN CIRCUIT FAULT DETECTION IN INVERTER		
6	. DEAF AND DUMB VOICE ANALYSIS USING VIBRATION TECHNOLOGY		
7	A HYBRID SOLAR TRACKING SYSTEM WITH PHOTOVOLTAIC CELLS AND THERMOELECTRIC MODULE		



## Civil Engineering

Date : 29 / 04 / 2016		Department of Civil Engineering	Venue:
Time: 08.00 AM – 10.00 AM			
S. No.	Title		
1	Studies On Behaviour Of Concrete Reinforced With GFRP Rebars		
2	Development Of Low Strength And Geopolymer Concrete Mix Utilizing Demolished Aggregate		
3	Development On Fibre Reinforced Geopolymer Concrete With Low Molar Concentration		
4	Behaviour Of Pervious Concrete Under Abrasion		
5	Effect Of Waste Glass On Textile Sludge Based Bricks		
6	Comparative And Analytical Study Between Conventional And Modular Structure In Oil And Gas Industry		
7	Comparative Study On Seismic Performance Of Different Base Isolation System For Asymmetric Building		
8	Study On The Behaviour Of Red Soil Cement Concrete		
9	Experimental Investigation On Self Compacting Fibre Reinforced Concrete In A Rigid Pavement		
10	Analysis Of Crack Growth In Embedded Pile		
11	Feasibility Study Of Using Biomass Fly Ash In Geopolymer Concrete		
12	Analysis Of Tall Building Named As “Preheater” Subjected To Wind And Earthquake Loads		

<b>13</b>	Comparative Thermal Analysis Of Steel Built-Up Columns
<b>14</b>	Study Of Effective Positioning System Of Shear Walls In RC Buildings Using Pushover Analysis
<b>15</b>	A Study On The Behaviour Of Long Span Roof Truss Structures Subjected To Lateral Loads

## Department of Mathematics

Date : 29 / 04 / 2016		Department of Mathematics	Venue:
Time: 08.00 AM – 10.00 AM			
S. No.	Title		
1	REGIONAL TRIANGULAR TILE REWRITING GRAMMARS		
2	CONSTRUCTION OF YIELD PREDICTION MODEL FOR CASUARINA TREE CROPS IN CUDDALORE DISTRICT		
3	A STUDY ON FUZZY RELATIONAL MAPS (FRM) / ANALYSIS UNDER UNCERTAINTY		
4	AN APPROACH OF NEW TRIANGULAR FUZZY COGNITIVE MAPS (TRFCM) / A RANKING ANALYSIS UNDER UNCERTAINTY		
5	ISO-TRIANGULAR WANG TILE PASTING P SYSTEMS		
6	GENERALIZED ULAM-HYERS STABILITY OF N-DIMENSIONAL CUBIC FUNCTIONAL EQUATION IN FNS AND RNS: DIRECT AND FIXED POINT METHODS		
7	EFFECTS OF SURYANAMASKAR ON FLEXIBILITY AND BMI AMONG COLLEGE STUDENTS		
8	RECOGNIZABILITY OF INFINITE TRIANGULAR PICTURES BY TRIANGULAR WANG AUTOMATA		