



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



**2nd International Conference on
Recent Trends in Engineering and Technology
5th & 6th May 2017**

Program Schedule & Session Details

**Organized by
Faculty of Engineering and Technology**

Program Schedule

	Time	Event
Day -1 05-05-2017 (Friday)	8.15 AM onwards	REGISTRATION Venue: Library (Administrative block)
	09.00 AM -10.00 AM	INAUGURATION Venue: AV Hall –2 (Administrative block)
	10.00 AM - 10.15 AM	HIGH TEA
	10.15 AM – 12.15 PM	Technical Session 1
	12.15 PM – 1.00 PM	Lunch
	1.00 PM – 3.00 PM	INVITED TALK Venue: Conference Hall – 3 (Administrative block)
	3.00 PM – 3.15 PM	HIGH TEA
	3.00 PM – 4.45 PM	Technical Session 2
	8.00 AM – 10.00 AM	Technical Session 3
Day -2 06-05-2017 (Saturday)	10.00 AM – 10.15 AM	HIGH TEA
	10.15 AM – 12.15 PM	Technical Session 4
	12.15 PM – 1.00 PM	Lunch
	1.00 PM to 3.00 PM	Technical Session 5
	3.00 PM – 3.15 PM	HIGH TEA
	3.00 PM to 4.00 PM	Valedictory Function Venue: AV Hall – 1 (Administrative block)

Department of Computer Science and Engineering

Date : 05 / 05 / 2017		Department of CSE & IT	Venue:
Time: 10.15 AM – 12.15 PM			Cloud Computing
S. No.	Title		
1	A FULLY ANONYMOUS ATTRIBUTE-BASED ENCRYPTION TO CONTROL CLOUD DATA ACCESS AND ANONYMITY		
2	ENERGY EFFICIENT OPTIMAL HEURISTIC APPROACH FOR SCHEDULING VMS ON THE OPEN NEBULA CLOUD		
3	ENHANCED H-ABE-R AND T-ABKS TECHNIQUES FOR THE CLOUD ENVIRONMENT		
4	FAULT-TOLERANCE AND EFFICIENT RECOVERY OF DATA IN A VIRTUAL MACHINE CLOUD ENVIRONMENT		
5	AGGLOMERATION OF PATIENT DATA INTO PMD USING RESTFUL WEB SERVICES AND WEIGHTED LEAST ALGORITHM IN E-HEALTH CLOUD SYSTEM		
6	HYPER ELLIPTIC CURVE AND SIFT TECHNIQUE FOR SECURITY IN A CLOUD		
7	SECURE FRAMEWORK FOR E-HEALTH CLOUD WITH PRIVACY PRESERVING AND ACCESS CONTROL		
8	EXPLORING THE FEASIBILITY OF PARAMETER BASED HOMOMORPHIC ENCRYPTION IN HEALTH CLOUD		
9	STORAGE OPTIMIZATION IN CLOUD BASED CONTENT DELIVERY NETWORK USING CENTRALIZED STORAGE MODEL		
10	CLOUD STORAGE AUDITING WITH AUGMENTATION AND VERIFICATION IN DYNAMIC KEY UPDATES		
11	DRAG AND DROP VISUAL WEBSITE BUILDER		
12	FRISKINESS-AWARE RESERVE ORDER FOR HEAD WAITER CONSOLIDATION IN COMPUTING		

Date : 05 / 05 / 2017		Department of CSE & IT	Venue:
Time: 3.00 PM – 4.45 PM			Big Data
S. No.	Title		
1	IDENTIFYING DESIGN PATTERNS FOR RISK MANAGEMENT SYSTEM USING BIG DATA ANALYTICS		
2	REPLICATION MANAGEMENT IN HADOOP DISTRIBUTED FILE SYSTEM(HDFS)		
3	EVALUATION OF WORKER QUALITY IN CROWDSOURCING SYSTEM ON HADOOP PLATFORM		
4	AN ALGORITHM FOR NEXT GENERATION MEMORY STORAGE IN DNA		
5	A STUDY PAPER ON BIG DATA ANALYTICS TECHNIQUES FOR BIOINFORMATICS		
6	A REVIEW ON HIVE AND PIG		
7	ANONYMIZATION AND REDUCE INFORMATION LOSS IN INCREMENTAL DATASET THROUGH GROUPING AND LOCAL RECODING		
8	BEHAVIOUR PREDICTION USING NEURO-FUZZY HIERARCHICAL ARCHITECTURE		
9	SUPERMARKET BILLING AUTOMATION USING HUMAN ACTIVITY RECOGNITION		
10	MITIGATING TIMING ANALYSIS AND PHISHING ATTACKS BY BALANCING LOAD AND USING WEB CRAWLER		
11	DRIVER DISTRACTION ALERT USING OPEN CV		
12	ENHANCED MALWARE DETECTION FOR ANDROID MOBILES		

Date : 06 / 05 / 2017		Department of CSE & IT	Venue:
Time: 8.00 AM – 10.00 AM			Image Processing
S. No.	Title		
1	IMPROVED WAVELET COMPRESSION ALGORITHM FOR COLOR IMAGE		
2	WEED DETECTION IN RICE FIELD USING BIOMASS SENSORS AND IMAGE PROCESSING TECHNIQUE		
3	AN APPROACH FOR ENHANCING SATELLITE IMAGES USING UNSHARP MASKING		
4	AUTOMATIC CLASSIFICATION OF INTRACARDIAC TUMOR AND THROMBI IN ECHOCARDIOGRAPHY BASED ON SPARSE REPRESENTATION		
5	SPOTTING FINGER SPELLED WORDS FROM SIGN LANGUAGE VIDEO BY TEMPORALLY REGULARIZED CANONICAL COMPONENT ANALYSIS		
6	TAG BASED FACIAL IMAGE RETRIEVAL BY SOCIAL RE-RANKING		
7	IMAGE OBJECT CLASSIFICATION USING OPTIMAL BAG-OF-WORDS		
8	OBJECTIVE QUALITY ASSESSMENT OF IMAGES WITH MULTIPLE DISTORTION		
9	NEO-VESSEL DETECTION WITH CLEAR BOUNDARIES IN DIABETIC RETINOPATHY SCREENING		
10	GENERATING IMAGE DESCRIPTIONS USING MULTI-MODAL RECURRENT NEURAL NETWORK		
11	AUTOMATED SPEECH SIGNAL ANALYSIS FEATURE EXTRACTION AND CLASSIFICATION: A PERFORMANCE COMPARISON OF DIFFERENT NEURAL NETWORKS		
12	MODIFIED EARLY DETECTION OF LUNG CANCER USING SUPER SAB NEURAL NETWORK		

Date : 06 / 05 / 2017		Department of CSE & IT	Venue:
Time: 10.15 AM – 12.15 PM			Networks
S. No.	Title		
1	CHANNEL AWARE AND ANONYMOUS ROUTING IN WIRELESS SENSOR NETWORKS		
2	REDUNDANT CLUSTER HEAD SELECTION AND QUALITY OF DATA RECONSTRUCTION THROUGH CLUSTERING FOR LARGE-SCALE WSNS		
3	COMMUNICATION SYSTEM HANDLING FOR UNDERWATER SENSOR NETWORKS		
4	GROUP SECRET KEY GENERATION		
5	AN INTEGRATED ENERGY – PACKET TRANSMISSION OPTIMIZED NODE SELECTION ROUTING FOR WSN		
6	ENHANCED TRUST CHECKPOINT BASED ANT COLONY OPTIMIZATION IN MANET (ETCB – ACO)		
7	ON PROVIDING DYNAMIC ROUTE RECONFIGURATION IN CONGESTED MANET FOR PERFORMANCE AMERLIORATION USING ROUTE CACHE TRAIL (RCT) AND OPINION MINING		
8	ENERGY EFFICIENT CLUSTER HEAD SELECTION IN CLUSTER-BASED WIRELESS SENSOR NETWORKS		
9	SECURE DATA TRANSMISSION IN MANET USING ONION ROUTING AND ITRUST		
10	BANDWIDTH BASED ARTIFICIAL IMMUNE SYSTEM ALGORITHM FOR DETECTING DISTRIBUTED DENIAL OF SERVICE ATTACK		
11	WIRELESS SENSOR NETWORK BASED SOIL MOISTURE ESTIMATION SYSTEM MODEL		

Date : 06 / 05 / 2017		Department of CSE & IT	Venue:
Time: 10.15 AM – 12.15 PM			Networks
S. No.	Title		
1	A SECURE INFORMATION RETRIEVAL USING FREE ROAMING MOBILE AGENT		
2	GAME THEORETIC APPROACH BASED ENERGY OPTIMIZATION ALGORITHM FOR COGNITIVE RADIO NETWORKS (CRN)		
3	A TRUST BASED TECHNIQUE FOR DEFENSE AGAINST DOS ATTACK USING EOLSR IN MANET		
4	SECURED AUTHENTICATION SCHEME IN HEALTHCARE SYSTEMS USING REAL-TIME PUBLISH SUBSCRIBE (RTPS) PROTOCOL		
5	GOODPUT IMPROVEMENT WITH LOW –LATENCY IN DCN		
6	A SIMPLE DETECTION SCHEME FOR SINGLE AND COLLABORATIVE ATTACK IN MANETS		
7	REDUCING INTERFERENCE IN WIRELESS NETWORKS		
8	INDRA-INTRUSION DETECTION AND RAPID ACTION		
9	SECURITY THREATS AND DATA DISSEMINATION IN SOFTWARE DEFINED VANET		
10	BANDWIDTH BASED ARTIFICIAL IMMUNE SYSTEM ALGORITHM FOR DETECTING DISTRIBUTED DENIAL OF SERVICE ATTACK		

Date : 06 / 05 / 2017		Department of CSE & IT	Venue:
Time: 1.00 PM to 3.00 PM			IOT& Applications
S. No.	Title		
1	ENGINEERING COUNSELING RECOMMENDER SYSTEM		
2	QR CODE BASED BILLING FOR SHOPS USING ANDROID SMARTPHONE		
3	USER PREFERENCE LINEAR LEARNING FOR SOCIAL MEDIA SYSTEMS		
4	SMART SHOPPING USING BARCODE SCANNER FOR SUPERMARKET		
5	AUTOMATED TESTING TOOL FOR LINUX BASED EMBEDDED SOFTWARE		
6	HIGHLY SECURED TWEAK KEY MANAGEMENT PROTOCOL FOR E-HEALTH APPLICATIONS WITH IOT		
7	ONLINE BLOOD BANK APPLICATION USING GPS		
8	ENHANCED SENTIMENT ANALYSIS AND POLARITY CLASSIFICATION USING SENTIWORDNET-VOCABULARY		
9	CRYPTANALYSIS ON CHAOTIC MAPPING USING GENETIC ALGORITHM		
10	LECTURE VIDEO RETRIEVAL USING AUDIO AND TEXT TRANSCRIPTS		
11	INTELLIGENT DISPOSAL OF WASTE USING IOT		

Date : 06 / 05 / 2017		Department of CSE & IT	Venue:
Time: 1.00 PM to 3.00 PM			IOT& Applications
S. No.	Title		
1	COLLEGE BUS POSITION TRACKING APPLICATION INTEGRATED WITH E-ATTENDANCE SYSTEM		
2	A NOVEL MULTI MODAL BIO-METRIC AUTHENTICATION SYSTEM		
3	IMPLEMENTATION OF NOVEL TECHNIQUE FOR IMAGE WATERMARKING USING 2D-DCT		
4	FANCY BANGLE BASED PANIC ALERT FOR WOMEN'S SAFETY		
5	MODELLING AND VERIFICATION OF TIMED COMMUNICATING STATE MACHINES		
6	DIAGNOSIS OF HYPOTHYROIDISM USING INFRARED THERMOGRAPHY		
7	A SURVEY ON CONTRASTIVE OPINION SUMMARIZATION		
8	DESIGN AND IMPLEMENTATION OF ENVIRONMENTAL MONITORING IN SMART CITIES USING IOT WITH MACHINE LEARNING ALGORITHMS		
9	DESIGN AND DEVELOPMENT OF IOT-BASED WEARABLE HEALTH MONITORING SYSTEM		
10	IOTASL-IOT BASED ANDROID CONTROLLED SMART LOCK		

Department of Electrical and Electronics Engineering

Date : 05/ 05 / 2017		Department of EEE	Venue:
Time: 10.15 AM – 12.15 PM			Electrical
S. No.	Title		
1	PELTIER MODULE BASED AIR CONDITIONER USING SOLAR ENERGY SYATEM		
2	THREE PHASE GRID INTERFACED RENEWABLE ENERGY SOURCE USING ACTIVE POWER FILTER		
3	E-CALL COMPLAINT CRASH NOTIFICATION SERVICE USING GSM BASED ON EMBEDDED SYSTEM		
4	FUZZY LOGIC CONTROLLER BASED TORQUE RIPPLE MINIMIZATION OF AXIALLY LAMINATED SWITCHED RELUCTANCE MOTOR WITH TWO PHASE EXCITATION		
5	AN INTELLIGENT OPTIMIZATION ALGORITHM FOR SHORT-TERM HYDROTHERMAL SCHEDULING PROBLEM WITH VALVE POINT LOADING EFFECT		
6	COMPARISON OF CONVENTIONAL BUCK AND BOOST CONVERTER WITH INTEGRATED DUAL OUTPUT CONVERTER		
7	MODELING OF BUCK-BOOST CONVERTER BASED ON TIME DOMAIN AND FREQUENCY RESPONSE		
8	SMART MULTI-LEVEL VEHICLE PARKING SYSTEM ENHANCED WITH WIRELESS TRANSRECIVER		
9	PERFORMANCE EVALUATION OF NEGATIVE OUTPUT TRIPLE-LIFT LUO CONVERTER WITH VARIOUS CONTROLLERS		
10	AUTOMATION IN LEVEL CONTROL OF NON INTERACTING SYSTEM USING YOKOGAWA DCS		
11	COMPARATIVE ANALYSIS OF LUO CONVERTERS FED BLDC MOTOR FROM SOLAR PV ARRAY		
12	IMPROVEMENT OF POWER SYSTEM STABILITY IN ELECTRICAL SYSTEM USING FACTS DEVICE AND POWER OSCILLATION DAMPING (POD) CONTROLLER		

Date : 05/ 05 / 2017		Department of EEE	Venue:
Time: 10.15 AM – 12.15 PM			Electrical
S. No.	Title		
1	INTELLIGENT NEONATAL INCUBATOR USING LABVIEW INTERFACE FOR ARDUINO AND IOT		
2	SPEED CONTROL OF PERMANENT MAGNET DC MOTOR USING THREE PHASE BRIDGELESS RECTIFIER BASED FUZZY CONTROLLER		
3	A HARMONIC ELIMINATION METHOD FOR GRID INTEGRATED SOLAR PHOTOVOLTAIC SYSTEM		
4	STRATEGIC BIDDING OF LOAD SERVING ENTITY FOR REVENUE MAXIMIZATION		
5	ANFIS AND GENETIC ALGORITHM BASED FAULT CLASSIFICATION OF TRANSMISSION LINE USING GRID FAULT SIMULATOR		
6	MINIMIZATION OF POWER LOSSES USING GENETIC ALGORITHM		
7	SOLAR BASED AUTOMATIC IRRIGATION SYSTEM		
8	MODELLING, ANALYSIS AND CONTROLLING OF DOUBLY FED INDUCTION GENERATOR FOR THE TRANSIENT STABILITY IMPROVEMENT USING DC RESISTIVE FAULT CURRENT LIMITER		
9	PERFORMANCE EVALUATION OF VARIOUS PWM STRATEGIES FOR A SINGLE PHASE SYMMETRICAL MULTILEVEL INVERTER		
10	BIO INSPIRED ROUTING FOR WIRELESS SENSOR NETWORK IN PROCESS INDUSTRIES		
11	PERFORMANCE ANALYSIS OF HEAVY DUTY GAS TURBINE USING CUCKOO SEARCH AND FIREFLY ALGORITHM BASED PI CONTROLLER		

Department of Electronics and Communication Engineering

Date : 05 / 05 / 2107		Department of Electronics and Communication Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Image Processing / Medical Electronics / Robotics
S. No.	Title		
1	AUTONOMOUS SYSTEM FOR DETECTION OF DEFECTS IN RAILS BY IMAGE PROCESSING		
2	VISION DRIVE - VISION BASED SELF DRIVING ROBOTIC CAR		
3	THE NEW METHOD FOR BLOOD VESSEL SEGMENTATION AND OPTIC DISC DETECTION		
4	A REVIEW OF ROBUST VIDEO WATERMARKING TECHNIQUES		
5	BRAIN TUMOR DETECTION USING IMAGE FUSION BASED ON FUZZY LOGIC AND WAVELET TRANSFORM		
6	EARLY DIAGNOSIS AND CLASSIFICATION OF DRY EYE DISEASE USING MAMDANI MODEL		
7	LINGUA RECOGNITION FOR ATM SECURITY IMPROVEMENT BASED ON IMAGE PROCESSING METHODS		
8	DENOISING OF ULTRASOUND IMAGES USING NONSUBSAMPLED CONTOURLET TRANSFORM		
9	FUZZY RULE BASED CLASSIFIER OF FEATURE EXTRACTION OF KIDNEY CANCER		
10	MODIFIED MORPHOLOGICAL VEGETATION INDEX FROM VERY HIGH RESOLUTION SATELLITE DATA		
11	DISCRETE WAVELET TRANSFORM BASED OPTOELECTRONIC WATERMARK TECHNOLOGY		

12	AN ITERATIVE EXAMPLE-BASED SINGLE-IMAGE SUPER-RESOLUTION FOR MULTISPECTRAL REMOTE SENSING IMAGES
13	SEGMENTATION AND RECOGNITION OF TEXT FROM IMAGE USING SVM CLASSIFIER
14	HANDWRITTEN TEXT RECOGNITION SYSTEM FOR ENGLISH
15	AUTONOMOUS SYSTEM FOR DETECTION OF DEFECTS IN RAILS BY IMAGE PROCESSING
16	PATTERN FORMATION WITH SENSE OF DIRECTION FOR SMALL BOTS USING GRADIENT DESCENT TECHNIQUE

Date : 05 / 05 / 2107		Department of Electronics and Communication Engineering	Venue:
Time: 3.00 PM – 4.45 PM			VLSI
S. No.	Title		
1	RING OSCILLATOR BASED PUF WITH CONFIGURABLE DUTY CYCLE FOR SECRET KEY GENERATION		
2	ARTIFICIAL NEURAL NETWORK BASED BRAIN SIGNAL CLASSIFICATION OF GUSTATORY STIMULI IN FPGA		
3	AN INTRAMURAL STARTUP CIRCUIT WITH THERMAL YIELDING SOURCE FOR PACEMAKER USING THE BOOST CONVERTOR		
4	DESIGN AND VERIFICATION OF HIGH PERFORMANCE VLSI ARCHITECTURE FOR RECONFIGURABLE FIR FILTER USING PIPELINED DISTRIBUTED ARITHMETIC		
5	FIR FILTER FOR NOISE CANCELLATION IN ECG SIGNAL		
6	AN EFFICIENT LOW POWER LDPC METHOD FOR NETWORK-ON-CHIP		
7	LOW POWER IMPLEMENTATION OF TIME TO DIGITAL CONVERTER ARCHITECTURE		
8	POWER EFFICIENT TERNARY CONTENT ADDRESSABLE MEMORY (TCAM) USING FINFET		
9	FPGA IMPLEMENTATION OF DYNAMIC OBJECT TRACKING USING VISUAL SERVOING AND HIL SIMULATION		
10	FPGA IMPLEMENTATION OF PULSE WIDTH MODULATION BLOCK FOR SOFTWARE DEFINED RADIO RECEIVER		
11	FPGA BASED COMMUNICATION FOR A DISABLED PERSON USING MORSE CODE		

12	DOUBLE ARBITER LIGHT WEIGHT SECURE PHYSICALLY UNCLONABLE FUNCTIONS
13	NMOS LOGIC BASED CLOCK GATING FOR TYPE MATCHED GATED CLOCKS
14	FPGA PROTOTYPING OF POINT FEATURE-BASED VIDEO STABILIZATION FOR MAVS
15	HIGH SPEED AND LOW COMPLEXITY XOR FREE TECHNIQUE BASED DATA ENCODER ARCHITECTURE
16	DESIGN OF N-BIT FAULT TOLERANT DIVISION UNIT USING NEW REVERSIBLE GATES IN QUANTUM CELLULAR AUTOMATA (QCA)

Date : 06 / 05 / 2107		Department of Electronics and Communication Engineering	Venue:
Time: 8.00 AM – 10.00 AM			Antenna /VLSI/Medical
S. No.	Title		
1	DESIGN AND IMPLEMENTATION OF WIDEBAND ANTENNA USING SEMI ELLIPTICAL GROUND PLANE FOR ULTRA WIDEBAND APPLICATION		
2	DESIGN AND ANALYSIS OF MULTILAYER MICROSTRIP WEARABLE ANTENNA FOR MEDICAL APPLICATION		
3	OMNIDIRECTIONAL MASSIVE MIMO ANTENNA FOR RADAR APPLICATION		
4	DESIGN OF MULTIBAND ANTENNA FOR MOBILE APPLICATIONS		
5	DESIGN AND IMPLEMTATION OF 3-BIT TUNABLE LOADED LINE PHASE SHIFTER FOR BEAM STEERING CAPABILITY		
6	FREQUENCY RECONFIGURABLE MICROSTRIP ANTENNA FOR SATELLITE APPLICATIONS		
7	CONFLICT FREE MEMORY ACCESS SCHEME FOR RADIX-4 FFT		
8	HIGH SPEED AND LOW COMPLEXITY XOR FREE TECHNIQUE BASED DATA ENCODER ARCHITECTURE		
9	DESIGN OF MULTIBAND ANTENNA FOR WIRELESS APPLICATION		
10	EQUIVALENT CIRCUIT MODELING AND SIMULATION OF COUPLED SQUARE LOOPS INDUCTOR FOR CHIP-TO-ANTENNA INTERCONNECTION AT 24GHZ		
11	A FREQUENCY RECONFIGURABLE MONOPOLE ANTENNA FOR MOBILE AND COGNITIVE RADIO APPLICATION		
12	BEAMFORMING USING ARRAY SIGNAL PROCESSING FOR UNDERWATER REAL-TIME 3-D ACOUSTICAL IMAGING		

13	PLACEMENT OF TSVS IN THREE DIMENSIONAL INTEGRATED CIRCUITS (3D IC)
14	CLASSIFICATION OF BLEBS IN HUMAN EMBRYONIC STEM CELLS
15	DESIGN OF WEARABLE TEXTILE ANTENNA FOR HOSPITAL APPLICATION
16	MODELLING OF PHYSIOLOGY BASED TOXICO- KINETICS AND TOXICO-DYNAMIC TO DIAGNOSE ACUTE EFFECTS OF NICOTINE ON HEART RATE

Date : 06 / 05 / 2107		Department of Electronics and Communication Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Embedded / Communication System
S. No.	Title		
1	HASSLE-FREE SENSING TECHNOLOGY FOR HEALTH MONITORING		
2	COMPARATIVE ASSESSMENT OF VARIOUS EMBEDDED ELECTROMAGNETIC BAND GAP STRUCTURES		
3	BLUE RAY UNDERWATER COMMUNICATION BASED AN OPTICAL MODEM FOR MEDUSA CLASS AUV'S		
4	NUMERICAL ANALYSIS OF BISTABILITY AND CHAOS IN BISECTION LASER DIODE		
5	OUTDOOR LIGHT MONITORING USING EMBEDDED SYSTEMS		
6	DIAGNOSTIC FEATURE AUTOMATION AND DIAGNOSTIC TOOL FOR IN - VEHICLE INFOTAINMENT (IVI) SYSTEM		
7	DDFS BASED ON MODIFIED TAYLOR SERIES APPROXIMATION WITH PIECEWISE LINEARIZATION		
8	RECONFIGURABLE X-BAND BANDPASS FILTER USING PINDIODES		
9	FOOL PROOF CENTRALIZED VOTING MACHINE USING AUTOMATION SYSTEMS		
10	ESTIMATION OF NOISE AND ENHANCEMENT OF NON-STATIONARY SPEECH USING FILTERING BASED CHIRP FREQUENCY MODEL		
11	SPEAKER DIARIZATION FOR CONVERSATIONAL SPEECH USING BAYESIAN INFORMATION CRITERION		
12	A BLIND DES-LSB BASED DATA EMBEDDING SCHEME		

13	ENCHANCING THE SYNTHETIC APERTURE RADAR IMAGES
14	PROGNOSIS OF THE VASCULAR DISORDER AMONG THE TYPE 2 DIABETIC SUBJECTS USING NON-CONTACT INFRARED THERMAL IMAGING

Date : 06 / 05 / 2107		Department of Electronics and Communication Engineering	Venue:
Time: 1.00 PM to 3.00 PM			Networks
S. No.	Title		
1	A SPECTRALLY EFFICIENT NETWORK CODED TWO-PATH DECODE AND AMPLIFY RELAYED COGNITIVE RADIO NETWORK(SENT)		
2	FPGA BASED FOREST FIRE DETECTION USING NEURAL NETWORK		
3	AN ECBDS APPROACH FOR THE DETECTION OF MALICIOUS NODE LAUNCHING BLACK HOLE/WORM HOLE ATTACKS IN MOBILE AD HOC NETWORK		
4	CELLULAR AUTOMATA BASED SHA 512 HASHING ALGORITHM		
5	AUTOMATIC PATH IDENTIFICATION IN WSN USING WIRELESS MOTES		
6	FPGA IMPLEMENTATION OF AUTO CORRELATION BASED SPECTRUM SENSING FOR COGNITIVE RADIO		
7	IMPLEMENTATION OF CELLULAR AUTOMATA BASED RSA CRYPTO SYSTEM		
8	SPECTRUM AWARE ANY-PATH ROUTING IN COGNITIVE RADIO NETWORKS		
9	SECURE ERROR –RESILIENT LOSSLESS SOURCE TURBO CODING SCHEME FOR LAND MOBILE CHANNELS		
10	OPTIMIZATION OF SPECTRUM SENSING AND ALLOCATION USING ARTIFICIAL BEE COLONY (ABC) TECHNIQUE IN COGNITIVE RADIO NETWORKS		
11	OBFUSCATION TECHNIQUE FOR PREVENTING PIRACY AND OVERBUILDING		
12	ELECTRICAL ENERGY HARVESTING USING		

13	SECURE ACTIVE DETECTION DATA ROUTING PROTOCOL IN MANET
14	DISTRIBUTED ENERGY EFFICIENT ZONAL RELAY NODE BASED MULTI PATH SECURE ROUTING PROTOCOL(DEZMSR) FOR WIRELESS SENSOR NETWORKS
15	MATCHED FILTER DETECTION AND ITS PERFORMANCE ANALYSIS IN COGNITIVE RADIO

Department of Mechanical Engineering

Date : 05 / 05 / 2017		Department of Mechanical Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Design
S. No.	Title		
1	DESIGN AND IMPLEMENTATION OF SPEED LIMITATION FOR MOTOR BIKE BASED ON BIOMETRIC INFORMATION		
2	DESIGN AND FABRICATION OF VORTEX PUMP		
3	DESIGN AND ANALYSIS OF COMPOSITE LEAF SPRING		
4	DESIGN AND ANALYSIS OF VERTICAL AXIS WIND TURBINE-DARRIEUS TYPE		
5	MODELING AND ANALYSIS OF VAWT- SAVONIUS TYPE		
6	PERFORMANCE EVALUATION OF MONOTUBE SHOCK ABSORBER BY VARYING DAMPING CHARACTERISTICS		
7	SYNTHESIS AND CHARACTERIZATION STUDIES OF POROUS HYDROXYAPATITE SCAFFOLDS		
8	COMPUTER AIDED DESIGN OF DEBURRING TOOL AND TAGUCHI OPTIMIZATION FOR MINIMIZATION OF BURR SIZE IN DRILLING OF AL 2024		
9	EXPERIMENTAL INVESTIGATION AND ANALYSIS ON DEFORMATION AND DENSIFICATION PROPERTIES OF P/M FE-C-CR LOW ALLOY STEELS UNDER COLD UPSETTING USING ARTIFICIAL NEURAL NETWORK (ANN)		
10	CFD ANALYSIS OF AUTOMOBILE RADIATOR OPERATED WITH DIFFERENT NANO-FLUID BASED COOLANTS		

11	PERFORMANCE ENHANCEMENT OF ELECTRO PNEUMATIC CLUTCH USING ARDUINO MICRO-CONTROLLER FOR HEAVY COMMERCIAL VEHICLE BY COASTING TECHNIQUES.
12	STUDY THE INFLUENCE OF CRYOGENIC TREATMENT ON CARBIDE INSERT IN TURNING PROCESS
13	TOPOLOGY OPTIMISATION & ANALYSIS OF COIL SPRING
14	AN INVESTIGATION ON MECHANICAL PROPERTIES OF NATURAL HYBRID COMPOSITES
15	ENHANCEMENT OF CAR DOOR OPTIMIZATION FOR CRASH ANALYSIS
16	DESIGN AND ANALYZATION OF A RADIAL FLOW IMPELLER FOR VARIOUS BLADE GEOMETRIES
17	COMPUTATIONAL ANALYSIS TO ENHANCE THE JET MIXING CHARACTERISTICS USING CIRCULAR GROOVES IN A SQUARE NOZZLE
18	DESIGN, FABRICATION AND TESTING OF ACTIVE MUFFLER FOR FORMULA STUDENT CARS

Date : 05 / 05 / 2017		Department of Mechanical Engineering	Venue:
Time: 03.00 PM – 04.45 PM			Manufacturing
S. No.	Title		
1	INVESTIGATION AND OPTIMIZATION OF MACHINING PARAMETERS IN PROCESSING AISI 4340 ALLOY STEEL WITH ELECTRIC DISCHARGE MACHINING		
2	PERFORMANCE TESTING OF TWO DIFFERENT J-SHAPED AIROILS FOR VERTICAL AXIS WIND TURBINE		
3	LIFE EXPECTANCY OF THE STRUCTURAL COMPONENT		
4	FAILURE MODE ANALYSES OF ALUMINUM METAL MATRIX COMPOSITE		
5	EXPERIMENTAL STUDY OF POLYMER MATRIX COMPOSITES REINFORCED WITH ARACHIS HYPOGAEA SHELL POWDER		
6	POLYMER MATRIX COMPOSITES REINFORCED WITH BIO-WASTE		
7	EXPERIMENTAL FREE VIBRATION CHARACTERISTICS OF MICRO-RUBBER BLENDED CARBON COMPOSITE PLATES OF VARYING THICKNESS CONDITIONS		
8	MECHANICAL BEHAVIOUR OF NANOWIRE AL2O3 REINFORCED PEEK-PTFE HYBRID COMPOSITE FOR STRUCTURAL ELEMENT APPLICATIONS		
9	STUDY ON MECHANICAL PROPERTIES OF HYBRID CU-SIC-GRAPHENE COMPOSITES FABRICATED VIA FRICTION STIR PROCESSING ROUTE		
10	STUDIES ON HALIDE ACTIVATED TUNGSTEN INERT GAS WELDING OF STAINLESS STEEL (SS304)		
11	WELDABILITY STUDY ON ATOMET 4601+TIC ALLOY STEELS		

12	EXPERIMENTAL INVESTIGATION AND MULTI-OBJECTIVE ANALYSIS ON SINGLE FLUTE DEEP HOLE DRILLING OF STEEL AISI 1045 USING GREY RELATIONAL ANALYSIS
13	INVESTIGATE THE EFFECT OF TOOL NOSE RADIUS ON TOOL CHATTER IN METAL CUTTING PROCESS
14	INVESTIGATION OF MECHANICAL PROPERTIES OF DISSIMILAR ALUMINIUM ALLOYS (8011 & 3003) USING FRICTION STIR WELDING
15	TRIBOLOGICAL BEHAVIOUR AND MECHANICAL PROPERTIES OF ALUMINIUM LM4 REINFORCED WITH NANO BORON CARBIDE
16	ELECTRONIC-WASTE MANAGEMENT –PRESENT AND FUTURE SCENARIO
17	EVALUATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES OF AA7475 HYBRID COMPOSITES

Date : 06 / 05 / 2017		Department of Mechanical Engineering	Venue:
Time: 08.00 AM – 10.00 AM			Thermal
S. No.	Title		
1	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE FUELLED WITH MAHUA OIL BLENDED DIESEL FUEL WITH DEE.		
2	ANALYSIS OF EMISSION CHARACTERISTICS OF A DIESEL ENGINE USING ALUMINA/TITANIA AS A THERMAL BARRIER COATING ON PISTON CROWN		
3	NUMERICAL INVESTIGATION OF DIFFERENT DIAMOND BAFFLE MATERIALS IN WALL JET FLOW HEAT TRANSFER IN CHANNEL MOUNTED		
4	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION CHARACTERISTICS OF A CI ENGINE FUELLED WITH PINE OIL BLENDED DIESEL FUEL		
5	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE FUELLED WITH MAHUA OIL BLENDED DIESEL FUEL WITH DEE.		
6	BIODIESEL PREPARATION FROM NEEM (AZADIRACHTA INDICA) OIL		

Department of Civil Engineering

Date : 06 / 05 / 2107		Department of Civil Engineering	Venue:
Time: 8.00 AM – 10.00 AM			Civil
S. No.	Title		
1	EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF BOLTED ANGLE JOINTS FOR COLD - FORMED STEEL DOUBLE CHANNEL SECTIONS		
2	EVALUATION OF LATERAL RESISTANCE OF RCC PILE AND COMPUTATION OF FRAGILITY CURVE.		
3	DESIGN AND CONSTRUCTION OF BRIDGE EMBANKMENT USING R.E. WALL PANELS		
4	AN EXPERIMENTAL STUDY ON PROPERTIES OF FIBRE REINFORCED PERVIOUS CONCRETE		
5	ANALYSIS AND DESIGN OF STEEL PORTAL FRAMES (PRE-ENGINEERED) BY STIFFNESS MATRIX APPROACH USING SOFTWARE		
6	CONSTRUCTION SCHEDULING USING CRITICAL PATH METHOD AND LOCATION BASED MANAGEMENT SYSTEM		
7	IMPLEMENTATION OF INTELLIGENT BUILDING SYSTEM IN COMMERCIAL BUILDING		
8	UNDERWATER TRANSPARENT WALK-THROUGH TUNNEL STRUCTURE AT KANYAKUMARI		

Date : 06 / 05 / 2107		Department of Civil Engineering	Venue:
Time: 10.15 AM – 12.15 PM			Civil
S. No.	Title		
1	CAUSES OF DELAYS IN CONSTRUCTION PROJECT		
2	SAFETY MANAGEMENT IN CONSTRUCTION		
3	EXPERIMENTAL STUDY OF CONCRETE FILLED DOUBLE SKIN TUBULAR STRUCTURES IN BENDING		
4	PERFORMANCE STUDY OF STEEL ELLIPTICAL HOLLOW SECTION COLUMN		
5	FLEXURAL BEHAVIOUR OF FERRO CEMENT SLAB PANELS USING CARBON FIBERS		
6	EXPERIMENTAL INVESTIGATION ON GLASS FIBRE REINFORCED CONCRETE USING GGBS AND M-SAND AS PARTIAL REPLACEMENT OF CEMENT AND FINE AGGREGATE		
7	EXPERIMENTAL INVESTIGATION ON FERRO CEMENT COLUMNS UNDER STATIC LOADING		
8	EXPERIMENTAL STUDY ON THE BEHAVIOUR OF TORSION IN GEOPOLYMER CONCRETE BEAMS WITH STEEL FIBERS		

Date : 06 / 05 / 2107		Department of Civil Engineering	Venue:
Time: 1.00 PM to 3.00 PM			Civil
S. No.	Title		
1	A COMPARATIVE STUDY ON ENERGY FLOW BETWEEN CONVENTIONAL BUILDING AND BUILDING MADE OUT OF INDUSTRIAL WASTE		
2	PROJECT ON INNOVATION AND IMPLEMENTATION OF COMPOSITE BRICK IN CONSTRUCTION		
3	STUDY ON IMPACT OF PARTIAL REPLACEMENT OF CEMENT BY TEXTILE SLUDGE AND GGBS IN CONCRETE		
4	MULTI PROJECT MANAGEMENT - A CRITICAL REVIEW		
5	SEISMIC ANALYSIS OF MULTISTORY BUILDING WITH FLOATING COLUMN		
6	ESTIMATION OF FAILURE PROBABILITY OF SUBSTATION TOWER MEMBERS USING MONTE CARLO SIMULATION		
7	RESILIENT STRUCTURAL DESIGN FOR BLAST LOADING		
8	RUNOFF ESTIMATION AND PLANNING USING REMOTE SENSING AND GIS FOR ARTIFICIAL GROUND WATER RECHARGE STUDY		