



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
KNOWLEDGE SHARING SESSION ACADEMIC YEAR:2018-2019-ODD SEMESTER**

S.NO	DATE	STAFF NAME	TOPIC OF PRESENTATION
1	23.06.2018	DR.V.GAJENDRAKUMAR	SURVEY ON LAZY RANDOM WALKS FOR SUPERPIXEL SEGMENTATION
2		DR.C.VIVEK	CAPACITANCE COMPUTATION OF ARBITRARILY SHAPED CONDUCTING BODIES BY SPACECRAFT SURFACE
3		MRS.V.KERAL SHALINI	MULTIPLE ANTENNA TECHNIQUES
4		MR.S.PRADEEP	VLSI DESIGN FOR REMOVAL OF IMPULSE NOISE
5		MS.P.KAVIYAPRIYA	EDA TOOL
6		MS.A.KAVIYA	INTER INTEGRATED CIRCUIT PROTOCOL
7	30.06.2018	DR.RAJASEKHARA	RECONFIGURABLE FILTENNAS AND MIMO IN COGNITIVE RADIO APPLICATIONS
8		DR.M.DHAMODHARAN	ANALYSIS OF THE FLUID FLOW AND THE TEMPERATURE FIELD BY FINITE ELEMENT MODELLING
9		MR.G.SHANMUGAVADIVEL	A CLUSTERING BASED ROUTING ALGORITHM IN IOT AWARE WIRELESS MESH NETWORK
10		MS.B.NEETHTHIAADITHIYA	FREQUENCY RECONFIGURABLE PATCH ANTENNA FOR HEALTH MONITORING
11		MR.K.KAARTHIK	AN OPTIMIZED TWO LEVEL DISCRETE WAVELET IMPLEMENTATION USING NUMBER SYSTEM
12	14.07.2018	DR.S.VASANTHA SWAMI NATHAN	APPLICATION OF INDEPENDENT COMPONENT ANALYSIS
13		DR.S.PALANIVELRAJAN	STUDY OF FDM TECHNIQUE FOR MOBILE COMMUNICATION
14		MRS.T.ABIRAMI	PATTERN REORGANIZATION USING SUPPORT VECTOR MACHINE
15		MR.M.MANIKANDAN	INCIDENTAL FINDING OF LARGE ON CARDIAC MR SCAN
16		MRS.A.SUGANYA	HAARP TECHNOLOGY
17	28.07.2018	DR.R.VENKADESH	IMAGE ENHANCEMENT TECHNIQUES FOR MEDICAL IMAGES
18		DR.S.JAGADEESAN	SECURITY REQUIREMENT IN VANET
19		MR.L.RAMESH	COMPARISON OF SPEECH CODING ALGORITHM APPLM,CELP & VSELP
20		MS.K.RIBANA	IMAGE CONTRAST MINIMUM MEAN BRIGHTNESS ERROR AND ADAPTIVE GAMMA

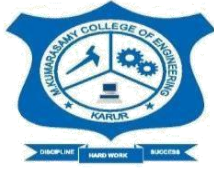
21		MR.S.ARUNPRATHAP	HIGH PERFORMANCE VERTICALLY STACKED THIN FILM TRANSISTOR
22	16.08.2018	DR.A.SRIDEVI	OFDMA IN COGNITIVE RADIO FPR EFFECTIVE SPECTRUM
23		DR.G.NAGARAJAN	DISENTANGLING OF CHROMOSOMES FROM G-BAND METAPHASE IMAGES
24		MRS.V.JAMUNA	SURVEY OF INFRARED THERMAL IMAGES USING ELECTRICAL APPARATUS
25		MR.S.MOHANRAJ	LOW POWER DIGITAL MULTIPLIER DESIGN
26		MRS.S.JOTHIMANI	BLUE EYES
27		25.08.2018	DR.V.MARISELVAM
28	MRS.S.JEEVA		SKINPUT TECHNOLOGY
29	MR.E.DINESH		CONTROLLING USER ACCESS TO CLOUD CONNECTED MOBILE APPLICATIONS BY MEANS OF BIOMETRICS
30	MR.S.MEIVEL		IMPLEMENTATION OF IOT WITH IMAGE PROCESSING IN PLANT GROWTH MONITORING SYSTEM
31	MS.E.JUHI GLADIES		AN EFFICIENT COMPARISON FREE SORTING UNIT
32	08.09.2018	MR.C.NANDAGOPAL	ENERGY EFFICIENT BIGDATA ALGORITHM
33		MR.N.MAHENDRAN	BLACK BOX
34		MRS.THA.SUGAAPRIYA	K-MEANS CLUSTERING
35		MRS.V.NIRMALA	FIR FILTER
36		MS.A.NITHYA	AFORDABLE TRANSMISSION IN WLAN
37		MS.R.ABINAYA	A NAVAL APPROACH
38	15.09.2018	MR.P.T.SIVAGURUNATHAN	CHALLENGE FOR EFFICIENT COMMUNICATION IN UNDERWATER ACOUSTIC SENSOR NETWORKS
39		MR.K.SHEIKDAVOOD	MSP-SR FOR LATERAL FINGERPRINT ENHANCEMENT
40		MRS.S.SIVARANJANI	DATA SCHEDULING FOR ENHANCE CR
41		MS.B.NANDHINI	FULL ADDER
42		MR.N.V.ANDREWS	ENERGY REEPIING FROM RF SIGNALS
43	29.09.2018	MR.P.RAMAKRISHNAN	A SURVEY ON SPECTRUM SENSING TECHNOLOGY FOR CR
44		MR.K.SUDHAKAR	BIOMETRIC ATM
45		MR.M.PARANTHAMAN	ANTENNA MINIATURIZATION TECHNIQUES AND ITS APPLICATIONS
46		MRS.N.SUGANTHI	AREA EFFICIENT MULTIPLIER
47		MS.M.JANANI	DESIGN OF LOW COMPLEXITY FAULT TOLERANT PARALLEL FFT
48	12.10.2018	MR.A.MURUGAN	GLIOMAS BRAIN TUMOUR
49		MRS.B.YAZHISAI SELVI	ANTENNA DESIGN RULES
50		MR.A.BHARATH	FPGA
51		MRS.K.S.SURYA	AUTOMATIC RAILWAY TRACK MONITORING SYSTEM
52		MRS.S.SUBHASHINI	VEDIC ADDER
53		MS.S.GOWRI	BCD ADDER



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
KNOWLEDGE SHARING SESSION ACADEMIC YEAR:2017-2018-EVEN SEMESTER**

S.NO	DATE	STAFF NAME	TOPIC OF PRESENTATION
1	16.12.2017	DR.V.GAJENDRA KUMAR	CLOUD-IOT-WSM INTEGRATED NETWORKS
2		DR.M.DHAMODARAN	ELECTROMAGNETIC MODELING AND METALLIC PANEL PLATES
3		MRS.P.R.GOMATHI	THERMAL IMAGING AND DIAGNOSIS TECHNIQUES
4		MR.A.ARUN	CBIR USING COLOUR AND SHAPE FEATURE
5		MR.M.MANIKANDAN	A SURVEY ON DETECTION OF MICRO CALCIFICATION IN MAMMOGRAM IMAGES
6		MR.K.KAARTHIK	PARKING SYSTEM BASED ON IMAGE PROCESSING
7	23.12.2017	DR.E.ARUN	A NOVEL TECHNIQUE TO IMPROVE THE GROWTH OF AGRICULTURE AND LIVESTOCK FARM USING MAGNETIC FIELD
8		DR.S.PALANIVEL RAJAN	CONTRIBUTION OF TELECOMMUNICATION ENGINEERS TOWARDS GREEN HOUSE EFFECT
9		MR.N.MAHENDRAN	OPTIMIZATION TECHNIQUES
10		MR.P.SURENDAR	DESIGN OF LOW POWER FULL ADDER FOR MULTIPLIERS
11		MS.V.KERAL SHALINI	DESIGN OF BANDPASS FILTER FOR WIRELESS APPLICATIONS
12		MS.M.ANNAKAMATCHI	DESIGN OF FREQUENCY RECONFIGURABLE ANTENNA
13	06.01.2018	DR.RAJASHEKHARA	MEDICAL APPLICATION OF INFRARED THERMOGRAPHY-A REVIEW
14		DR.S.JEGADEESAN	CORROSION IDENTIFICATION USING MAGNRTIC FIELD
15		MR.G.SHANMUGA VADIVEL	TRUSTED 5G VEHICULAR NETWORKS
16		MR.K.SHEIK DAVOOD	AUTOMATIC CRACK INDENTIFICATION ON CONCRETE BRIDGES
17		MR.N.V.ANDREWS	CROP FIELD MONITORING USING ZIGBEE NETWORK
18		MS.A.NITHYA	MEMORY EFFICIENT MULILAY SCHEME FOR SECURE TRANSPORTATION OVER IOT & CLOUD
19	20.02.2018	DR.S.VASANTHA SWAMI NATHAN	CBIR USING SALIENT ORIENTATION HISTOGRAM
20		MRS.A.SRIDEVI	TELESIGNAL COMMUNICATION THROUGH GSM SERF AND MODIFIED SERF ADDRESS FOR ULTRA LOW POWER DESIGN TECHNIQUES
21		MR.S.MOHANRAJ	A DUAL DATA LINE READ SCHEME FOR HIGH SPEED LOW ENERGY RESISTIVE NON-VOLATILE MEMORIES
22		MRS.S.ARULPRIYA	UNDERWATER IMAGE ENHANCEMENT
23		MS.K.RIBANA	WIRELESS COMMUNICATION HEALTH CARE TECH
24		MRS.K.S.SURYA	

25	27.01.2018	DR.M.SATYA NARAYANA	CODE EXCITED LINEAR PREDICTION SPEECH CODERS AT VARIOUS BIT RATES
26		MR.P.T.SIVAGURUNATHAN	WIRELESS PATIENT MONITORING SYSTEM
27		MR.C.RAJARAJACHOZHAN	INVESTIGATION OF DIFFERENT DIELECTRIC MATERIALS AS GAT EINSULATOR IN MOSFET
28		MR.L.RAMESH	HIGH QUALITY SPEECH CODING ALGORITHM
29		MRS.B.YAZHISAI SELVI	RUNTIME ASSIGNMENT OF TASK CONSIDERING USER BEHAVIOR IN EMBEDDED MULTIPROCESSOR NOC
30		MS.P.KAVIYA PRIYA	EFFICIENT IMPLEMENTATION OF ADAPTIVE FILTER ARCHITECTURE USING GATE LEVEL MODIFICATION
31	10.02.2018	DR.C.VIVEK	MINIATURIZATION OF CAM
32		MR.C.NANDAGOPAL	MOBILE CROWD SENSING IN TRADITIONAL INDUSTRY
33		MRS.V.JAMUNA	INVESTIGATION OF IR IMAGES FOR CONDITION MONITORING OF ELECTRICAL APPARATUS
34		: MS.S.DHIVYA	IDENTIFICATION OF BREAST CANCER USING THERMOGRAPHY
35		MS.B.NANDHINI	AN OVERVIEW OF MACHINE LEARNING
36		: MR.R.PRAVEEN KUMAR	LOW POWER IOT EMBEDDED SYSTEM FOR WIRELESS UNDERWATER SENSING
37	10.03.2018	DR.R.VENKADESH	ELECTRICITY GENERATION FROM RELATIVE MOTION OF TWO BOGIES OF TEAIN
38		MR.P.RAMAKRISHNAN	NETWORK LAYER PROTOCOL FOR WIRELESS SENSOR NETWORKS
39		MR.E.DINESH	AUXILIARY CLOUD AUTHENTICATION AND AUTHORIZATION FOR REGISTERED EMAIL USER
40		MR.M.PARANTHAMAN	DESIGN OF IMPLANTABLE MICROSHIP ANTENNA FOR COMMUNICATION WITH MEDICAL IMPLANT
41		MS.P.NITHYA	DESIGN OF FINFET BASED HIGH PERFORMANCE HYBRID TYPE CAM
42		MRS.A.VANI PRABHA	INVISIBILITY TECHNOLOGY
43	06.04.2018	DR.G.NAGARAJAN	WEED REMOVER IN AGRICULTURAL FIELD THROUGH IMAGE PROCESSING
44		MRS.T.ABIRAMI	IOT BIOMEDICAL
45		MRS.S,SIVARANJANI	CLUSTER BASED ARCHITECTURE AND NETWORK MAINTENANCE PROTOCOL
46		MS.B.NEETHTHI AADITHIYA	BWCS DUAL BAND PATCH ANTENNA
47		MR.S.PRADEEP	MODELLING OF REDUCTION OF MEMORY IN VIDEO PROCESSING
48		MRS.THA.SUGA PRIYAA	OBJECT COSEGMENTATION
49	MR.A.BHARATH	NETWORK LAYER PROTOCOLS FOR WSN EXISTING CLARIFICATION AND DESIGN CHALLENGES	
50	13.04.2018	MRS.S.JEEVA	UZHAVAN APP
51		MRS.N.SUGANTHI	AN EFFICIENT DENOISING TECHNIQUES FOR REMOVAL OF IMPULSE NOISE IN IMAGES
52		MRS.K.S.SURYA	A REVIEW ON MACHINE LEARNING ALGORITHM FOR EEG SIGNAL
53		MS.S.GOWRI	XILINX ISE
54	27.04.2018	MRS.V.NIRMALA	HYPER LOOP
55		MR.S.TAMILSELVAN	LI-FI
56		MRS.S.SUBHASHINI	IMAGE SEGMENTATION
57		MS.ARTHIREENA	ENERGY LIGHT SAVING MONITORING SYSTEM



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
KNOWLEDGE SHARING SESSION ACADEMIC YEAR:2017-2018-ODD SEMESTER**

S.NO	DATE	STAFF NAME	TOPIC OF PRESENTATION
1	24.06.2017	DR.E.ARUN	ARCHITECTURAL PARAMETERS IN VLSI
2		MR.P.T.SIVAGURUNATHAN	OVERVIEW OF DYNAMIC SPECTRUM SHARING
3		MRS.S.JEEVA	OVERVIEW-5G TECHNOLOGY
4		MR.A.MANIKANDAN	HEALTHCARE
5		MR.K.KAARTHIK	VARIABLE LATENCY SPECULATIVE HAM CARSON ADDER
6		MS.A.BERLIN	CMOS TECHNOLOGY
7	08.07.2017	DR.V.GAJENDRA KUMAR	ADAPTIVE ALGORITHM
8		DR.S.JAGADEESAN	GREENHOUSE MONITORING USING WIRELESS SENSOR
9		MRS.V.NIRMALA	MICROWAVE DEVICES
10		MR.R.PRAVEEN KUMAR	INTRODUCTION TO CYBER PHYSICAL SYSTEMS
11		MS.K.RIBANA	IMAGE FUSION
12		MS.M.ANNAKAMATCHI	DESIGN OF BPF FOR WIRELESS COMMUNICATION IN HFSS
13	22.07.2017	DR.RAJASHEKHARA	SEMICONDUCTORS
14		DR.S.PALANIVEL RAJAN	ANTENNA DESIGN FOR HEALTH CARE APPLICATIONS
15		MR.C.RAJARAJACHOZHAN	DEVELOPMENT OF ANALYTICAL RF MODEL OF SOI MOS THROUGH COLLABORATIVE THRESHOLD
16		MR.S.MOHANRAJ	NOVEL AND GATE & FULL ADDER CELLS FOR LOW POWER MULTIPLIER
17		MS.P.KAVIYA PRIYA	HIGH LEVEL TRANSFORMATION OF VLSI ARCHITECTURE
18	29.07.2017	DR.M.SATYA NARAYANA	WIRELESS TECHNOLOGY
19		DR.S.VASANTHA SWAMI NATHAN	COMPARISON 3G,4G AND 5G
20		MR.N.MAHENDRAN	OPTIMIZATION TECHNIQUES
21		MRS.V.JAMUNA	SURVEY OF IR THERMAL IMAGE ANALYSIS IN ELECTRIC MOTORS
22		MR.S.PRADEEP	AN EFFICIENT DENOISING ARCHITECTURE FOR REMOVAL OF IMPULSE NOISE IN IMAGES
23		MS.P.NITHYA	DESIGN OF POWER CONTENT - MEMORY MASTER SLAVE

24	12.08.2017	DR.R.VENKADESH	5G TECHNOLOGY
25		DR.M.DHAMODHARAN	EFFICIENT CAPACITANCE COMPUTATION BY COMPUTATIONAL ELECTROMAGNETICS
26		MR.G.SHANMUGAVADIVEL	5G- INFRASTRUCTRE AND SOCIAL ISSUES
27		MRS.T.ABIRAMI	COGNITIVE RADIO BASED INTERNET OF THINGS
28		MR.N.V.ANDREWS	CROP FIELD MONITORING USING ZIGBEE NETWORK
29		MS.B.NANDHINI	OPTICAL CHARACTER RECOGNITION USING NEURAL NETWORK
30	19.08.2017	DR.G.NAGARAJAN	I2C
31		MR.C.NANDAGOPAL	WIRELESS SENSOR DATA PROCESSING USING CLOUD SERVICES
32		MR.A.ARUN	CBIR USING ENHANCED GWT
33		MR.E.DINESH	CSOA FOR AGRICULTURE THROUGH IOT & BIGDATA
34		MRS.THA.SUGA PRIYAA	AUTOMATIC DETECTION OF CERVICAL CANCER REGION
35		MS.S.DHIVYA	SECURE BIOMEDICAL EEG SIGNAL TRANSMISSION USING VISIBLE LIGHT COMMUNICATION
36	23.09.2018	DR.C.VIVEK	FINFET
37		MR.P.RAMAKRISHNAN	DESIGN OF FAMILY HEALTH CARE MONITORING SYSTEM USING COMMUNICATION TECHNOLOGY
38		MRS.S.SIVARANJANI	A NOVEL MEDICAL PRIORITY AWARE TRANSMISSION FOR COGNITIVE RADIO BASED HOSPITAL
39		MS.S.SELVI	COMPARISON OF RVM & SVM CLASSIFIER PERFORMACE
40		MR.S.TAMILSELVAN	IOT IN HEALTH CARE
41		MS.M.ANITHA	PERFORMANCE ANALYSIS OF OFDMA, MIMO, FDMA IN 4G LTE NETWORKS
42	14.10.2017	MRS.A.SRIDEVI	SIGNAL PROCESSING
43		MS.B.NEETHTHI AADITHIYA	DUAL BAND PASS ANTENNA FOR BWCS
44		MRS.P.R.GOMATHI	MEDICAL IMAGE ANALYSIS
45		MR.K.SHEIK DAVOOD	ACCURATE EEG LINE VEXTRACTION OF DISEASE
46		MR.A.BHARATH	LOW POWER MUTILPIER
47	21.10.2017	MR.P.SURENDAR	FULL ADDER DESIGN USING LOW POWER MULTIPLIER
48		MRS.N.SUGANTHI	LOW POWER MEMORY DESIGN
49		MR.L.RAMESH	IMPROVED COMPRESSIVE SENSING FOR GRAY SCALE IMAGES WITH ZIG-ZAG SCANNING B-DCT
50		MRS.A.VANI PRABHA	HDMI
51		MRS.S.ARULPRIYA	SURVEY ON AREA MINIMIZATION TECHNIQUE USED IN 4T SRAM DESIGN
52		MS.A.NITHYA	FUZZY LOGIC BASED DAM CONTROL SYSTEM
53	28.10.2017	MR.M.PARANTHAMAN	RECONFIGURABLE ANTENNAS FOR WIRELESS & SPACE APPLICATION
54		MR.J.SAKTHIVEL	IIR FILTER
55		MR.M.MANIKANDAN	HEALTH CARE MONITORING OF NICU
56		MS.V.KERAL SHALINI	DESIGNING THROUGH ANTENNA FOR ISM BAND APPLICATION

57	MRS.B.YAZHISAI SELVI	SECURE STEGANOGRAPHY IN COMPRESSEDE VIDEO BITSTREAMS
58	MRS.K.S.SURYA	FIR FILTER