



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
KNOWLEDGE SHARING SESSION PLAN ACADEMIC YEAR: 2019-2020 – ODD SEMESTER

S.NO	DATE	STAFF NAME
1	22.06.2019	DR.C.VIVEK
2		DR.V.MARISELVAM
3		MR.K.SUDHAKAR
4		MS.S.AATHI LAKSHMI
5	29.06.2019	MRS.V.JAMUNA
6		MR.R.KALAIARASAN
7		MR.S.MEIVEL
8		MRS. K.JANAKI
9	13.07.2019	MR.P.T.SIVAGURUNATHAN
10		MR.S.PRADEEP
11		MS.R.ABINAYA
12		MS.A.SWETHA RANJANI
13	27.07.2018	DR.S.JEGADEESAN
14		MR.P.RAMAKRISHNAN
15		MRS.S.JOTHIMANI
16		MS.A.KAVIYA
17		MRS.S.SUBHASHINI
18	10.08.2019	DR.S.PALANIVEL RAJAN
19		MR.K.SHEIK DAVOOD
20		MR.K.KAARTHIK
21		MS.A.NITHYA
22		MS.P.KAVIYA PRIYA

23	7.09.2019	DR.M.DHAMODARAN
24		MRS.S.SIVARANJANI
25		MR.M.PARANTHAMAN
26		MR.S.ARUN PRATHAP
27		MRS.B.YAZHSAISELVI
28	05.10.2019	MRS.T.ABIRAMI
29		MR.S.MOHANRAJ
30		MS.M.JANANI
31		MR.E.DINESH
32		MRS.S.GOWRI
33	12.10.2019	MR.C.NANDAGOPAL
34		DR.A.SRIDEVI
35		MRS.K.RIBANA
36		MR.G.SHANMUGAVADIVEL
37		MRS.N.SUGANTHI
38	19.10.2019	DR.MURUGAN
39		MR.L.RAMESH
40		MRS.A.SUGANYA
41		MR.S.SAKTHIMANI
42		MRS.B.NEETHTHI AADITHIYA
43	9.11.2019	MS.G.SIVAPRIYA
44		MR.N.MAHENDRAN
45		MRS.V.NIRMALA
46		MRS.S.JEEVA
47		MRS.THA.SUGAPRIYAA



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

S.NO	DATE	STAFF NAME	TOPIC OF PRESENTATION
1	22.12.2018	DR.C.VIVEK	COLOUR TEXTURE IMAGE ANALYSIS BY SHEARLETS
2		DR.S.JEAGADEESAN	DATA SECURITY AND PRIVACY IN WIRELESS BODY AREA
3		MR.K.KAARTHIK	FOLDING ARCHITECTURE FOR CARRY SKIP ADDER
4		MR.S.ARUN PRATHAP	HYDROGEN FUEL CELLS
5		MRS. V. NIRMALA	WIRELESS POWER TRANSMISSION TECHNOLOGY
6	29.12.2018	DR.M.DHAMODARAN	COMPUTATION OF FLUID FLOW AND THE TEMPERATURE FIELD
7		MR.P.T.SIVAGURUNATHAN	NETWORK LAYER PROTOCOLS FOR WIRELESS SENSOR NETWORKS
8		MR.M.MANIKANDAN	ESTIMATION OF FETAL CORDIAC STRUCTURE
9		MS.R.ABINAYA	DESIGN OF COGNITIVE WEARABLE DEVICES USING VPK METHOD
10		MRS. S.JEEVA	SECURE SYMMETRIC AUTHENTICATION FOR RFID TAGS
11	05.01.2019	DR.S.PALANIVEL RAJAN	RESEARCH IMPORTANCE AND ITS IMPACT
12		MS.A.NITHYA	CRITICAL SECURITY ISSUE IN IOT
13		MRS.S.GOWRI	SENSOR TECHNOLOGY
14		MS.P.KAVIYA PRIYA	ADAPTIVE FILTER
15		MS.M.JANANI	E-SKIN
16	12.01.2019	DR.A.SRIDEVI	PRACTICAL SYSTEM ARCHITECTURE OF IEEE
17		MR.E.DINESH	ANALYSIS OF CLOUD SERVICE IN AGRICULTURE
18		MR.M.PARANTHAMAN	DESIGN OF T-SHAPED PATCH ANTENNA
19		MR.N.V.ANDREWS	ANALYSIS ON INCLUSION POWER BANK FOR SMART HOME SYSTEM
20		MRS.B.YAZHISAI SELVI	ZIGBEE WIRELESS MESH NETWORKING
21	19.01.2019	DR.V.MARISELVAM	FRACTUAL ANTENNA
22		MS.B.NEETHTHI AADITHIYA	DESIGN OF PATCH ANTENNA FOR MEDICAL IMAGING
23		MR.K.SUDHAKAR	SOI-CMOS
24		MRS.S.JOTHIMANI	COLOR BALANCE AND FUSION FOR UNDERWATER IMAGE ENHANCEMENT
25		MS.S.DHIVYA	MACHINE LEARNING

26	09.02.2019	MR.P.RAMAKRISHNAN	PERFORMANCE ANALYSIS OF 5G NETWORKS
27		DR.A.MURUGAN	AN INTRODUCTION TO DEEP LEARNING
28		MRS.V.JAMUNA	THERMAL IMAGING
29		MR.S.PRADEEP	EXTREME ULTRA VIOLET LITHOGRAPHY
30		MRS.N.SUGANTHI	CLASS D AMPLIFIER
31	23.02.2019	MRS.T.ABIRAMI	5G TECHNOLOGY
32		MR.C.NANDAGOPAL	THERMOMETERS
33		MR.G.SHANMUGAVADIVEL	ROUTING PROTOCOL
34		MS.K.RIBANA	ARTIFICIAL INTELLIGENCE
35		MRS.S.SUBHASHINI	HAPTIC TECHNOLOGY
36	23.03.2019	MR.L.RAMESH	NEW SPEECH CODING TECHNIQUES
37		MRS.S.SIVARANJANI	DATA SCHEDULING FOR AN ENHANCED COGNITIVE RADIO S/M IN HEALTHCARE ENVIRONMENT
38		MR.S.MEIVEL	I/O PROGRAMMING
39		MR. N.MAHENDRAN	EFFICIENT CLUSTERING TECHNIQUE IN WIRELESS SENSOR NETWORK
40		MRS.V.KERAL SHALINI	ROUTING ALGORITHM
41	30.03.2019	MR.K.SHEIK DAVOOD	SIMILARITY IDENTIFICATION OF AN IMAGE USING VARIOUS FILTERING.
42		MR.S.MOHANRAJ	LOW POWER DIGITAL MULTIPLIERS
43		MS.A.KAVIYA	QUANTITATIVE ANALYSIS OF NUMBER SYSTEM
44		MS.E.JUHI GLADIES	IOT BASED HEALTH CARE MONITORING SYSTEM FOR RURAL PREGNANT WOMEN
45		MRS.A.SUGANYA	BRAIN COMPUTER INTERFACES
46		MRS.THA.SUGAPRIYAA	EMBEDDED IN IOT



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S.NO	DATE	STAFF NAME	TOPIC OF PRESENTATION
1	23.06.2018	DR.C.VIVEK	CAPACITANCE COMPUTATION OF ARBITRARILY SHAPED CONDUCTING BODIES BY SPACE CRAFT SURFACE
2		MRS.V.KERAL SHALINI	MULTIPLE ANTENNA TECHNIQUES
3		MR.S.PRADEEP	VLSI DESIGN FOR REMOVAL OF IMPULSE NOISE
4		MS.P.KAVIYAPRIYA	EDA TOOL
5		MS.A.KAVIYA	INTER INTEGRATED CIRCUIT PROTOCOL
6	30.06.2018	DR.M.DHAMODHARAN	ANALYSIS OF THE FLUID FLOW AND THE TEMPERATURE FIELD BY FINITE ELEMENT MODELLING
7		MR.G.SHANMUGAVADIVEL	A CLUSTERING BASED ROUTING ALGORITHM IN IOT AWARE WIRELESS MESH NETWORK
8		MS.B.NEETHTHIAADITHIYA	FREQUENCY RECONFIGURABLE PATCH ANTENNA FOR HEALTH MONITORING
9		MR.K.KAARTHIK	AN OPTIMIZED TWO LEVEL DISCRETE WAVELET IMPLEMENTATION USING NUMBER SYSTEM
10	14.07.2018	DR.S.PALANIVELRAJAN	STUDY OF FDM TECHNIQUE FOR MOBILE COMMUNICATION
11		MRS.T.ABIRAMI	PATTERN REORGANIZATION USING SUPPORT VECTOR MACHINE
12		MR.M.MANIKANDAN	INCIDENTAL FINDING OF LARGE ON CARDIAC MR SCAN
13		MRS.A.SUGANYA	HAARP TECHNOLOGY
14	28.07.2018	DR.S.JAGADEESAN	SECURITY REQUIREMENT IN VANET
15		MR.L.RAMESH	COMPARISON OF SPEECH CODING ALGORITHM APPLM,CELP & VSELP
16		MS.K.RIBANA	IMAGE CONTRAST MINIMUM MEAN BRIGHTNESS ERROR AND ADAPTIVE GAMMA
17	16.08.2018	MR.S.ARUNPRATHAP	HIGH PERFORMANCE VERTICALLY STACKED THIN FILM TRANSISTOR
18		DR.A.SRIDEVI	OFDMA IN COGNITIVE RADIO FPR EFFECTIVE SPECTRUM

19	16.08.2018	MRS.V.JAMUNA	SURVEY OF INFRARED THERMAL IMAGES USING ELECTRICAL APPARATUS
20		MR.S.MOHANRAJ	LOW POWER DIGITAL MULTIPLIER DESIGN
21		MRS.S.JOTHIMANI	BLUE EYES
22		MS.S.DHIVYA	FULL ADDER
23	25.08.2018	DR.V.MARISELVAM	METAMATERIALS
24		MRS.S.JEEVA	SKINPUT TECHNOLOGY
25		MR.E.DINESH	CONTROLLING USER ACCESS TO CLOUD CONNECTED MOBILE APPLICATIONS BY MEANS OF BIOMETRICS
26		MR.S.MEIVEL	IMPLEMENTATION OF IOT WITH IMAGE PROCESSING IN PLANT GROWTH MONITORING SYSTEM
27		MS.E.JUHIGLADIES	AN EFFICIENT COMPARISON FREE SORTING UNIT
28	08.09.2018	MR.C.NANDAGOPAL	ENERGY EFFICIENT BIGDATA ALGORITHM
29		MR.N.MAHENDRAN	BLACK BOX
30		MRS.V.NIRMALA	FIR FILTER
31		MS.A.NITHYA	AFORDABLE TRANSMISSION IN WLAN
32		MS.R.ABINAYA	A NAVAL APPROACH
33	15.09.2018	MR.P.T.SIVAGURUNATHAN	CHALLENGE FOR EFFICIENT COMMUNICATION IN UNDERWATER ACOUSTIC SENSOR NETWORKS
34		MR.K.SHEIKDAVOOD	MSP-SR FOR LATERAL FINGERPRINT ENHANCEMENT
35		MRS.S.SIVARANJANI	DATA SCHEDULING FOR ENHANCE CR
36		MR.N.V.ANDREWS	ENERGY REEPPING FROM RF SIGNALS
37	29.09.2018	MR.P.RAMAKRISHNAN	A SURVEY ON SPECTRUM SENSING TECHNOLOGY FOR CR
38		MR.K.SUDHAKAR	BIOMETRIC ATM
39		MR.M.PARANTHAMAN	ANTENNA MINIATURIZATION TECHNIQUES AND ITS APPLICATIONS
40		MRS.N.SUGANTHI	AREA EFFICIENT MULTIPLIER
41		MS.M.JANANI	DESIGN OF LOW COMPLEXITY FAULT TOLERANT PARALLEL FFT
42	12.10.2018	MR.A.MURUGAN	GLIOMAS BRAIN TUMOUR
43		MRS.B.YAZHISAI SELVI	ANTENNA DESIGN RULES
44		MRS.S.SUBHASHINI	VEDIC ADDER
45		MS.S.GOWRI	BCD ADDER
46		MRS.THA.SUGAPRIYAA	CLOUD COMPUTING



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S.NO	DATE	STAFF NAME	TOPIC OF PRESENTATION
1	16.12.2017	DR.V.KAVITHA	A NOVEL TECHNIQUE TO IMPROVE THE GROWTH OF AGRICULTURE AND LIVESTOCK FARM USING MAGNETIC FIELD
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	23.12.2017	DR.S.PALANIVEL RAJAN	CONTRIBUTION OF TELECOMMUNICATION ENGINEERS TOWARDS GREEN HOUSE EFFECT
6		MR.N.MAHENDRAN	OPTIMIZATION TECHNIQUES
7		MR.P.SURENDAR	DESIGN OF LOW POWER FULL ADDER FOR MULTIPLIERS
8		MS.V.KERAL SHALINI	DESIGN OF BANDPASS FILTER FOR WIRELESS APPLICATIONS
9	06.01.2018	DR.S.JEGADEESAN	CORROSION IDENTIFICATION USING MAGNETIC FIELD
10		MR.G.SHANMUGAVADIVEL	TRUSTED 5G VEHICULAR NETWORKS
11		MR.K.SHEIK DAVOOD	AUTOMATIC CRACK INDENTIFICATION ON CONCRETE BRIDGES
12		MR.N.V.ANDREWS	CROP FIELD MONITORING USING ZIGBEE NETWORK
13		MS.A.NITHYA	MEMORY EFFICIENT MULILAY SCHEME FOR SECURE TRANSPORTATION OVER IOT & CLOUD
14	20.02.2018	MRS.A.SRIDEVI	TELESIGNAL COMMUNICATION THROUGH GSM
15		MR.S.MOHANRAJ	SERF AND MODIFIED SERF ADDRESS FOR ULTRA LOW POWER DESIGN TECHNIQUES
16		MRS.S.ARULPRIYA	A DUAL DATA LINE READ SCHEME FOR HIGH SPEED LOW ENERGY RESISTIVE NON-VOLATILE MEMORIES
17		MS.K.RIBANA	UNDERWATER IMAGE ENHANCEMENT
18	27.01.2018	MR.P.T.SIVAGURUNATHAN	WIRELESS PATIENT MONITORING SYSTEM
19		MR.C.RAJARAJACHOZHAN	INVESTIGATION OF DIFFERENT DIELECTRIC MATERIALS AS GAT EINSULATOR IN MOSFET
20		MR.L.RAMESH	HIGH QUALITY SPEECH CODING ALGORITHM

21		MRS.B.YAZHISAI SELVI	RUNTIME ASSIGNMENT OF TASK CONSIDERING USER BEHAVIOR IN EMBEDDED MULTIPROCESSOR NOC
22		MS.P.KAVIYA PRIYA	EFFICIENT IMPLEMENTATION OF ADAPTIVE FILTER ARCHITECTURE USING GATE LEVEL MODIFICATION
23	10.02.2018	DR.C.VIVEK	MINIATURIZATION OF CAM
24		MR.C.NANDAGOPAL	MOBILE CROWD SENSING IN TRADITIONAL INDUSTRY
25		MRS.V.JAMUNA	INVESTIGATION OF IR IMAGES FOR CONDITION MONITORING OF ELECTRICAL APPARATUS
26		MS.S.DHIVYA	IDENTIFICATION OF BREAST CANCER USING THERMOGRAPHY
27		MS.B.NANDHINI	AN OVERVIEW OF MACHINE LEARNING
28		MR.R.PRAVEEN KUMAR	LOW POWER IOT EMBEDDED SYSTEM FOR WIRELESS UNDERWATER SENSING
29	10.03.2018	MR.P.RAMAKRISHNAN	NETWORK LAYER PROTOCOL FOR WIRELESS SENSOR NETWORKS
30		MR.E.DINESH	AUXILIARY CLOUD AUTHENTICATION AND AUTHORIZATION FOR REGISTERED EMAIL USER
31		MR.M.PARANTHAMAN	DESIGN OF IMPLANTABLE MICROSHIP ANTENNA FOR COMMUNICATION WITH MEDICAL IMPLANT
32		MS.P.NITHYA	DESIGN OF FINFET BASED HIGH PERFORMANCE HYBRID TYPE CAM
33		MRS.A.VANI PRABHA	INVISIBILITY TECHNOLOGY
34	06.04.2018	MRS.T.ABIRAMI	IOT BIOMEDICAL
35		MRS.S.SIVARANJANI	CLUSTER BASED ARCHITECTURE AND NETWORK MAINTENANCE PROTOCOL
36		MS.B.NEETHTHI AADITHIYA	BWCS DUAL BAND PATCH ANTENNA
37		MR.S.PRADEEP	MODELLING OF REDUCTION OF MEMORY IN VIDEO PROCESSING
38	13.04.2018	MRS.S.JEEVA	UZHAVAN APP
39		MRS.N.SUGANTHI	AN EFFICIENT DENOISING TECHNIQUES FOR REMOVAL OF IMPULSE NOISE IN IMAGES
40		MS.S.GOWRI	XILINX ISE
41		MS.M.ANNAKAMATCHI	DESIGN OF FREQUENCY RECONFIGURABLE ANTENNA
42	27.04.2018	MRS.V.NIRMALA	HYPER LOOP
43		MR.S.TAMILSELVAN	LI-FI
44		MRS.S.SUBHASHINI	IMAGE SEGMENTATION
45		MR.M.MANIKANDAN	A SURVEY ON DETECTION OF MICRO CALCIFICATION IN MAMMOGRAM IMAGES
46		MR.K.KAARTHIK	PARKING SYSTEM BASED ON IMAGE PROCESSING



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

20	12.08.2017	DR.M.DHAMODHARAN	EFFICIENT CAPACITANCE COMPUTATION BY COMPUTATIONAL ELECTROMAGNETICS
21		MR.G.SHANMUGAVADIVEL	5G- INFRASTRUCTRE AND SOCIAL ISSUES
22		MRS.T.ABIRAMI	COGNITIVE RADIO BASED INTERNET OF THINGS
23		MS.B.NANDHINI	OPTICAL CHARACTER RECOGNITION USING NEURAL NETWORK
24		MRS.S.SUBHASHNI	WIRELESS TECHNOLOGY
25	19.08.2017	MR.N.V.ANDREWS	CROP FIELD MONITORING UING ZIGBEE NETWORK
26		MR.C.NANDAGOPAL	WIRELESS SENSOR DATA PROCESSING USING CLOUD SERVICES
27		MR.A.ARUN	CBIR USING ENHANCED GWT
28		MR.E.DINESH	CSOA FOR AGRICULTURE THROUGH IOT & BIGDATA
29		MS.S.DHIVYA	SECURE BIOMEDICAL EEG SIGNAL TRANSMISSION USING VISIBLE LIGHT COMMUNICATION
30	23.09.2018	DR.C.VIVEK	FINFET
31		MR.P.RAMAKRISHNAN	DESIGN OF FAMILY HEALTH CARE MONITORING SYSTEM USING COMMUNICATION TECHNOLOGY
32		MRS.S.SIVARANJANI	A NOVEL MEDICAL PRIORITY AWARE TRANSMISSION FOR COGNITIVE RADIO BASED HOSPITAL
33		MR.S.TAMILSELVAN	IOT IN HEALTH CARE
34	14.10.2017	MRS.A.SRIDEVI	SIGNAL PROCESSING
35		MS.B.NEETHTHI AADITHIYA	DUAL BAND PASS ANTENNA FOR BWCS
36		MRS.P.R.GOMATHI	MEDICAL IMAGE ANALYSIS
37		MR.K.SHEIK DAVOOD	ACCURATE EEG LINE VEXTRACTION OF DISEASE
38	21.10.2017	MR.P.SURENDAR	FULL ADDER DESIGN USING LOW POWER MULTIPLIER
39		MR.L.RAMESH	IMPROVED COMPRESSIVE SENSING FOR GRAY SCALE IMAGES WITH ZIG-ZAG SCANNING B-DCT
40		MRS.A.VANI PRABHA	HDMI
41		MRS.S.ARULPRIYA	SURVEY ON AREA MINIMIZATION TECHNIQUE USED IN 4T SRAM DESIGN
42		MS.A.NITHYA	FUZZY LOGIC BASED DAM CONTROL SYSTEM
43	28.10.2017	MR.M.PARANTHAMAN	RECONFIGURABLE ANTENNAS FOR WIRELESS & SPACE APPLICATION
44		MR.M.MANIKANDAN	HEALTH CARE MONITORING OF NICU
45		MS.V.KERAL SHALINI	DESIGNING THROUGH ANTENNA FOR ISM BAND APPLICATION
46		MRS.B.YAZHISAI SELVI	SECURE STEGANOGRAPHY IN COMPRESSEDE VIDEO BITSTREAMS