

**K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM – 630 612**

**(An Autonomous Institution, Affiliated to Anna University)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**CAY2018-19**

Sl. No.	Gap	Action taken	Date-month-year	Resource Person with designation	% of Students	Relevance to POs, PSOs
1	Any simple Application using python (GE8151-Problem Solving and Python Programming)	Lecture	17.11.2018 13.11.2018	A.Meena AP/ECE P.Sharmadha AP/ECE	96	PO1,PO2,PO3, PO4,PO5,PO6, PO11,PO12
2	Program to determine the value of Colour coding Resistor (GE8161-Problem Solving and Python Programming Laboratory)	Conduct of experiment	19.11.2018 22.11.2018	A.Yusuf Khan AP/ECE P.Sharmadha AP/ECE	98	PO1,PO2,PO3, PO4,PO5,PO6, PO9,PO12
3	Algorithm design techniques (EC8393-Fundamentals of Data Structures InC)	Lecture	03.10.2018 17.09.2018	V.Muthu Ganesh AP/ECE A.Meena AP/ECE	97	PO1,PO2,PO3, PO8,PO9,PSO3
4	CCD and CMOS sensor Technology (EC8351-Electronic Circuits-I)	Lecture	01.10.2018 01.10.2018 26.09.2018	Dr.P.Karpagavalli AP/ECE S.Selvakumar AP/ECE M.Amudha AP/ECE	95	PO1,PO2, PO3,PO8, PO9,PSO1
5	Introduction to DFT (EC8352-Signals and Systems)	Lecture	16.10.2018 05.10.2018 03.10.2018	R.Thilagavathy AP/ECE Dr.S.Subha AP/ECE R.Pavithra AP/ECE	97	PO1,PO2,PO3, PO8,PO9 PSO2
6	Design of 4 Bit Computer System (EC8392-Digital Electronics)	Lecture	03.10.2018 21.09.2018 09.10.2018	T.R.Muthu AP/ECE T.Vidhya AP/ECE P.Sharmadha AP/ECE	94	PO1,PO2, PO3,PO4,PO5, PO8,PO9, PSO1
7	Lyapunov Stability (EC8391 - Control Systems Engineering)	Lecture	24.09.2018 01.10.2018	P.Selvi AP/ECE L.Meenakshi, AP/ECE	93	PO1,PO2,PO3, PO8,PO9, PO10,PSO1
8	Additional C Programs Using Pointer (EC8381-Fundamentals of Data Structures in C Laboratory)	Conduct of experiment	15.10.2018 & 15.10.2018  19.07.2018 17.07.2018 27.07.2018	D.Anand AP/ECE V.Muthu Ganesh AP/ECE A.Meena, AP/ECE	97	PO1,PO2,PO3, PO8,PO9,PO10, PSO3

9	Design and Simulation of Combinational circuits Using Verilog HDL(EC8361- Analog and Digital Circuits Laboratory)	Conduct of experiment	01.10.2018 & 17.10.2018 03.10.2018 29.09.2018 & 04.10.2018	Dr. P.Karpagavalli, ASP/ECE S. Selvakumar AP/ECE M.Amudha AP/ECE	98	PO1,PO2, PO3,PO5,PO8, PO9,PO10, PSO1
10	Spread Spectrum techniques (EC6501- Digital Communication)	Lecture	09.10.2018 11.10.2018	R. Jeyanthi Professor/ECE K.R. Shanthy AP/ECE	96	PO1, PO2, PO4, PO6, PO7,PSO1, PSO2
11	Video Codec (EC6502- Principle of Digital Signal Processing)	Lecture	01.10.2018 27.09.2018	R. Thilagavathy AP/ECE S.Subha AP/ECE	94	PO1, PO2, PO3, PO4, PO5,PSO1, PSO2
12	Study of basics of Microstrip Lines and Stripline (EC6503- Transmission Lines and Wave Guides)	Lecture	24.09.2018 08.10.2018 04.10.2018	A. Anandan AP/ECE S. Selvakumar AP/ECE. R.Arunchitra AP/ECE	94	PO2, PO3 PSO1,PSO2
13	Protection of Ground Water Level (GE6351- Environmental Science and Engineering)	Lecture	31.07.2018 28.07.2018 06.08.2018	P.S. Kumaresh AP/ECE P.Senthilbabu ASP/ECE A.Yusuf Khan AP/ECE	98	PO1, PO2, PO3, PO6, PO8, PO11 PSO3
14	Overview of MSP430(EC6504- Microprocessors and Microcontrollers)	Lecture	04.10.2018 09.10.2018 17.10.2018	L. Meenakshi AP/ECE R. Mohankumar AP/ECE S.Indumathy ASP/ECE	94	PO1, PO6 PSO1, PSO2
15	DTMF Generation and Decoding (EC6511- Digital Signal Processing Lab)	Lecture	20.09.2018 19.09.2018	R. Thilagavathy AP/ECE S.Subha AP/ECE	97	PO1,PO2, PO3,PO5 PSO1,PSO2
16	Simulation of OFDM System (EC6512- Communication Systems Lab)	Conduct of experiment	26.09.2018 & 24.09.2018 25.09.2018 27.09.2018	T.Vidhya AP/ECE R.Pavithra AP/ECE K.R. Shanthy AP/ECE	96	PO1,PO2, PO3,PO5 PSO1,PSO2
17	Arduino Based LCD(EC6513- Microprocessors and Microcontrollers Lab)	Conduct of experiment	17.09.2018 & 22.09.2018 18.09.2018 & 27.09.2018 09.10.2018 & 20.10.2018	L. Meenakshi AP/ECE R. Mohankumar AP/ECE S.Indumathy ASP/ECE	98	PO1,PO2, PO3,PO5 PSO1,PSO2

18	RADAR Operation, types (EC6701- RF & Microwave Engineering)	Lecture	01.10.2018 15.10.2018	A. Anandan AP/ECE Dr.S. Murugan, Professor/ECE	95	PO1,PO2, PO3,PO4, PO6,PSO1, PSO2
19	Fiber in Local loop (EC6702- Optical Communication & Networks)	Lecture	12.10.2018 01.10.2018	S.C. Sivaprakash Professor/ECE R.Arunchitra AP/ECE	96	PO1,PO2, PO3,PO6, PO12,PSO1, PSO3
20	Home security System (EC6703- Embedded and Real time systems)	Lecture	01.10.2018 08.10.2018	Dr.N.Janakiraman ASP/ECE D.Anand AP/ECE	97	PO1, PO2. PO3, PO4, PO5,PO6,PO7, PO12, PSO1,PSO2, PSO3
21	3D Graphics and Animation,Motion Estimation (IT6005- Digital Image Processing(E-II))	Lecture	24.10.2018 27.10.2018	Dr. P.Karpagavalli ASP/ECE P. Selvi AP/ECE	94	PO1,PO2, PO3,PO4, PO5 PSO1, PSO2
22	Parallel I/O Network services (EC6009- Advanced Computer Architecture(E-III))	Lecture	27.09.2018 08.10.2018	S.R.Naresh ASP/ECE S.R.Naresh ASP/ECE	96	PO1, PO2, PSO1
23	Guided Missiles (EC6015- Radar and Navigational aids(E-IV))	Lecture	28.09.2018 25.09.2018	S. Ravisankar AP/ECE T.R.Muthu AP/ECE & A.Yusuf KhanAP/ECE	97	PO1, PO2, PO3, PSO1
24	Case study on RT Linux And $\mu$ COS –II RTOS (EC6711- Embedded Lab)	Conduct of experiment	14.09.2018 27.09.2018 & 20.09.2018	Dr.N.Janakiraman ASP/ECE D.Anand AP/ECE	98	PO1, PO2. PO3, PO4, PO5,PO6, PO7,PO12, PSO1,PSO2, PSO3
25	S-Parameter Measurements of Microstrip LPF using VNA (EC6712-Optical and Microwave Laboratory)	Conduct of experiment	09.10.2018 04.09.2018 & 20.19.2018	S.C. Sivaprakash Professor/ECE Dr.S.Murugan & R.Arunchitra, AP/ECE	98	PO1,PO2, PO3,PO6, PO12,PSO1, PSO3
26	ApplicationofMaximumPower Transfer Theorem&Double tuned Amplifier(EC8251- CircuitAnalysis)	Lecture	16.02.2019 05.03.2019	R.PavithraAP/ECE Dr.P.KarpagavalliASP/ ECE	96	PO1,PO2,PO3, PO10,PSO1
27	OLED (EC8252- ElectronicDevices)	Lecture	04.04.2019 08.04.2019	L.MeenakshiAP/ECET. VidhyaAP/ECE	94	PO1,PO2,PO8, PO9,PO10,PS O1
28	UJT characteristics(EC8261- CircuitsandDevicesLaboratory )	Conductofexp eriment	04.04.2019 04.04.2019	R.PavithraAP/ECE P.KarpagavalliASP/EC E	93	PO1,PO2,PO3, PO8,PO9,PO10 ,PSO1
29	Experimentalmodelofspeed control of DCMotor(BE8254- BasicElectricaland Instrumentation Engineering)	Lecture	07.03.2019 09.03.2019	A.YusufKhanAP/ECE A.YusufKhanAP/ECE	96	PO1, PO2,PO3, PO4,PSO1,
30	Study of basics oftransmissionlines(EC8451- ElectromagneticFields)	Lecture	22.03.2019 23.03.2019 13.03.2019	R.ArunchitraAP/ECE A.AnandanAP/ECE T.R.MuthuAP/ECE	95	PO1,PO2,PO3, PO5,PO8,PO9, PSO2

31	FinFET Devices and Technology (EC8452 Electronic Circuits-II)	Lecture	16.03.2019 14.03.2019 14.03.2019	P.Senthilbabu ASP/ECE S.Selvakumar AP/ECE P.Sharmadha AP/ECE	94	PO1,PO2,PO8, PO9, PO10,PSO1
32	Simulation of ADC using Multisim-( EC 8453 Linear Integrated Circuits)	Lecture	02.03.2019	P. Selvi AP/ECE	96	PO1,PO2,PO3, PO8,PO9,PO10 PSO1
33	Spread Spectrum Modulation (EC8491- Communication Theory)	Lecture	14.03.2019 07.03.2019 28.03.2019	K.R.Shanthy AP/ECE R.Thilagavathy AP/ECE R.Thilagavathy AP/ECE	94	PO1,PO2,PSO2
34	FM Transmitter (EC8461- Circuits Design and Simulation Lab)	Conduct of experiment	04.03.2019	S.Selvakumar AP/ECE	94	PO1,PO2,PO3, PO5, PO8,PO9, PO10,PSO1
35	Entrepreneurial Challenges in the 21 <sup>st</sup> Century (MG6851- Principles of Management)	Lecture	12.03.2019	Dr.N.Janakiraman ASP/ECE	94	PO7,PSO2,PSO3
36	Intel Pentium-4 (CS6303- Computer Architecture)	Lecture	26.03.2019 25.03.2019	A.Meena AP/ECE S.Ravisankar AP/ECE	95	PO1,PO2,PO3, PSO1
37	Network Security (CS6551- Computer Networks)	Lecture	21.03.2019 25.03.2019	S.R.Naresh ASP/ECE A.Meena AP/ECE	97	PO1,PO2,PO5, PO6,PO7,PSO1, PSO2
38	SOC and NOC (EC6601- VLSI Design)	Lecture	05.03.2019 & 07.03.2019 15.03.2019 19.03.2019 & 21.03.2019	M.Amudha AP/ECE Dr.N.Janakiraman ASP/ECE D.Anand AP/ECE	95	PO1,PO2,PO3, PO5,PO7,PO9 PSO1,PSO2, PSO3
39	HFSS Antenna and Software training (EC6602- Antenna and Wave Propagation)	Lecture	21.03.2019 20.03.2019 21.03.2019	R.Arunchitra AP/ECE A.Anandan AP/ECE S.C.Sivaprakash Professor/ECE	92	PO1,PO2,PO3, PO5 PSO1
40	Introduction to Body Area Network, Wearable Sensor or Healthcare System (EC6001- Medical Electronics)	Lecture	19.03.2019	S.Selvakumar AP/ECE	93	PO1,PO6,PO7, PSO1, PSO2
41	NS2 Sample Programs (EC6611- Computer Networks Laboratory)	Conduct of experiment	04.03.2019	A.Meena AP/ECE	95	PO1,PO2,PO5, PO6,PO7,PSO1, PSO2
42	LVS & TSMC 90nm implementation (EC6612- VLSI Design Laboratory)	Conduct of experiment	18.02.2019 12.02.2019 20.02.2019	M.Amudha AP/ECE Dr.N.Janakiraman Professor/ECE	94	PO1,PO2,PO3, PO5, PO7,PO9
43	Massive MIMO (EC6801- Wireless Communication)	Lecture	18.03.2019 18.03.2019	R.Jeyanthi Professor/ECE P.Selvi AP/ECE	94	PO1,PO2,PO3, PSO1
44	Ethical Audit (GE6075- Professional Ethics in Engineering)	Lecture	26.02.2019 18.03.2019	T.R.Muthu AP/ECE S.Ravisankar AP/ECE	95	PO7,PO8,PO9, PO12 PSO3