

**Delivery details of the Content beyond syllabus delivered by ECE faculty**

**AY 2017-18 EVEN**

<b>Sl. No .</b>	<b>Gap</b>	<b>Action taken</b>	<b>Date-month - year</b>	<b>Resource Person with designation</b>	<b>% of Students</b>	<b>Relevance to POs, PSOs</b>
1	Application of Maximum Power Theorem ( EC8251- Circuit Analysis)	Lecture	03.05.18 21.02.18	P.Karpagavalli ASP/ECE C.Sasirekha AP/ECE	96	PO1,PO2, PO3, PO7 PSO1,PSO2
2	OLED (EC8252- Electronic Devices)	Lecture	06.04.18 06.04.18	P.Sharmadha AP/ECE T.Vidhya AP/ECE	94	PO1,PO2, PO3, PO7 PSO1,PSO2
3	UJT CHARCARTIES EC8261 -Circuits and Devices Laboratory	Conduct of experiment	17.04.18 18.04.18	P.Karpagavalli ASP/ECE C.Sasirekha AP/ECE	93	PO1, PO2 PSO1, PSO2
4	FinFET Devices and Technology( EC6401 Electronic Circuits – II)	Lecture	28.03.18 24.03.18 23.03.18	M.Amudha AP/ECE S.Selvakumar AP/ECE P.Sharmadha AP/ECE	94	PO1,PO2, PO3,PSO1
5	Pulse Modulation (EC6402- Communication Theory)	Lecture	05.04.18 11.04.18 09.04.18	R. Jeyanthi Professor/ECE K.R. Shanthi AP/ECE R. Thilagavathy AP/ECE	94	PO4,PO6, PO7 PSO2
6	Basics and transmission lines EC6403 Electromagnetic Fields	Lecture	10.04.18 10.04.18 04.04.18	A.Anandan AP/ECE R.Arunchitra AP/ECE T.R.Muthu AP/ECE	95	PO1,PO2, PO6 PSO1
7	Simulation of ADC using Multisim-(EC6404 Linear Integrated Circuits)	Lecture	02.03.18 13.03.18	S. Indumathy AP/ECE C.Sasirekha AP/ECE	96	PO1,PO3, PO4,PO8, PO9 PSO1
8	Lyapunov Stability EC6405 Control System Engineering	Lecture	26.03.18 12.03.18 19.03.18	L. Meenakshi AP/ECE R. Mohankumar AP/ECE P. Selvi AP/ECE	95	PO1,PO9 PSO1, PSO3

9	FM Transmitter EC6411 Circuit and Simulation Integrated Laboratory	Conduct of experiment	23.03.18& 27.03.18 14.03.18& 05.04.18 02.04.18& 29.03.18	L. Meenakshi AP/ECE S. Selvakumar AP/ECE R. Thilagavathy AP/ECE	94	PO1,PO2, PO3,PO5 PSO1, PSO2
10	OP-AMP Frequency characteristics –Simulation (EC6412-Linear Integrated Circuits Laboratory)	Conduct of experiment	02.04.18& 27.03.18	S. Indumathy AP/ECE	93	PO1,PO2, PO3,PO5 PSO1, PSO2
11	Challenge in Modern Management, Entrepreneurial Challenges in the 21 <sup>st</sup> Century,( MG6851- Principles of Management)	Lecture	07.03.18 06.03.18 15.03.18	Dr.N.Janakiraman ASP/ECE P.Senthilbabu ASP/ECE P.S. Kumaresh AP/ECE	94	PO7, PSO2, PSO3
12	Intel Pentium – 4 (CS6303- Computer Architecture)	Lecture	28.03.18 09.04.18 09.04.18	S.R.Naresh ASP/ECE S.Ravisankar AP/ECE V.MuthuGanesh AP/ECE	95	PO1, PO2, PO3,PSO1
13	Network Security (CS6551-Computer Networks)	Lecture	06.04.18 10.04.18 28.03.18	A.Meena AP/ECE S.R.Naresh ASP/ECE Dr.N.Ravia Shabnam Parveen AP(SG)/MCA	97	PO1,PO2, PO5,PO6, PO7, PSO1, PSO2
14	SOC and NOC EC6601 VLSI Design	Lecture	07.03.18& 08.03.18 05.04.18& 09.04.18 12.03.18	M.Amudha AP/ECE D.Anand AP/ECE Dr.N.Janakiraman ASP/ECE	95	PO1,PO2, PO3,PO5, PO7,PO9 PSO1,PSO2 , PSO3
15	HFSS Antennaand Software training(EC6602-	Lecture	06.04.18 23.03.18	A.Anandan AP/ECE S.C. Sivaprakash	92	PO1,PO2, PO3,PO5

	Antenna and Wave Propagation)		10.04.18	Professor/ECE Dr.S. Murugan, Professor/ECE		PSO1
17	Internet of Bio-Nano things (EC6001-Medical Electronics)	Lecture	09.04.18 27.03.18	S.Selvakumar AP/ECE S.Indumathy AP/ECE	93	PO1,PO6, PO7,PSO1, PSO2
18	NS2 Sample Programs (EC6611-Computer Networks Laboratory)	Conduct of experiment	02.04.18 27.03.18	A.Meena AP/ECE R.Mohankumar AP/ECE	95	PO1,PO2, PO5,PO6, PO7, PSO1, PSO2
19	Critical Path analysis TSMC 90nm Tech & PR&STA (EC6612-VLSI Design Laboratory)	Lecture	16.03.18 22.03.18 14.03.18	M.Amudha AP/ECE D.Anand AP/ECE Dr.N.Janakiraman AP/ECE	94	PO1,PO2, PO3,PO5, PO7,PO9 PSO1, PSO2, PSO3
20	BPSK Modulation (EC6801-Wireless Communication)	Lecture	19.03.18 21.03.18 19.03.18	R. Thilagavathy AP/ECE P.Selvi AP/ECE T.Vidhya AP/ECE	94	PO1,PO2, PO3,PSO1
21	AODV protocol using NS2 (EC6802-Wireless Networks)	Lecture	06.03.18 27.02.18 01.03.18	L. Meenakshi AP/ECE A.Meena AP/ECE R. Mohankumar AP/ECE	95	PO1,PO2, PO3,PSO1
22	Ethical Audit-(GE6075-Professional Ethics in Engineering)	Lecture	26.03.18 28.03.18 22.03.18	T.R.Muthu AP/ECE S. Ravisankar AP/ECE A.Yusuf Khan AP/ECE	95	PO7,PO8, PO9,PO12 PSO3
23	Business Ethics( GE6757-Total Quality Management)	Lecture	08.03.18 14.03.18	P.S.Kumaresh AP/ECE P.Senthilbabu AP/ECE	94	PO9,PO11, PO12 PSO2, PSO3

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**Delivery details of the Content beyond syllabus delivered by ECE faculty**

**AY 2017-18 ODD**

Sl. No	Gap	Action taken	Date-month - year	Resource Person with designation	% of Students	Relevance to POs, PSOs
1	Frequency Meter (EE6352- Electrical Engineering and Instrumentation)	Lecture	14.09.17 27.09.17 22.09.17	N. S. Srinivasan AP/EIE R. Thenmozhi AP/EIE N. S. Srinivasan AP/EIE	96	PO1,PO4,P O5,PO9 PSO1, PSO2
2	Algorithm design techniques(EC6301- Object Oriented Programming and Data Structures)	Lecture	19.09.17 12.10.17 22.09.17	A.Meena AP/ECE D.Anand AP/ECE V.Muthu Ganesh AP/ECE	97	PO2, PO3, PO4,PSO1
3	Frequency counter(EC6302- Digital Electronics)	Lecture	15.09.17 14.09.17 31.08.17	P. Sharmadha AP/ECE T.Vidhya AP/ECE T.R.Muthu AP/ECE	92	PO1, PO2, PO3,PSO1
4	Introduction to DFT (EC6303- Signals and systems)	Lecture	09.10.17 06.10.17	R. Thilagavathy AP/ECE C.Sasirekha AP/ECE	94	PO2, PO3, PO4, PO5 PSO1,PO2
5	CCD and CMOS Sensor Technology (EC6304- Electronic Circuits- I)	Lecture	20.09.17 06.10.17 28.09.17	M.Amudha AP/ECE S.Selvakumar AP/ECE P.Karpagavalli ASP/ECE	96	PO1, PO2, PO3, PO6, PO10, PSO1, PSO2
6	Design and simulation of combinational Circuits (EC6311- Analog & Digital Circuits Laboratory)	Conduct of experiment	03.10.17& 07.10.17 28.09.17 16.10.17	M. Amudha AP/ECE& P. Sharmadha AP/ECE S. Selvakumar AP/ECE& T. Vidhya AP/ECE Mr. A. Anandan AP/ECE& T. R. Muthu AP/ECE	93	PO1,PO2, PO3,PO5 PSO1,PSO2

7	Implementation of Heap sort (EC6312- OOPS and Data Structure Laboratory)	Conduct of experiment	28.09.17 <b>04.10.17</b>	A.Meena AP/ECE V.Muthu Ganesh AP/ECE	96	PO1,PO2, PO3,PO5 PSO1, PSO2
8	Spread Spectrum techniques -EC6501 (Digital Communication)	Lecture	14.09.17 18.09.17 18.09.17	K.R. Shanthy AP/ECE R. Thilagavathy AP/ECE R. Jeyanthi Professor/ECE	95	PO1, PO2, PO4, PO6, PO7 PSO1, PSO2
9	Basic of Microstrip line (EC6503-Transmission lines and waveguides)	Lecture	04.10.17 06.10.17 07.10.17	A. Anandan AP/ECE S. Selvakumar AP/ECE R.Arunchitra AP/ECE	94	PO2, PO3 PSO1, PSO2
10	Bacterial Bio Sensors of measuring availability of Environmental pollutants( GE6351- Environmental Science and Engineering)	Lecture	26.08.17 09.08.17	S.Ravisankar ASP/ECE A. Yusuf Khan AP/ECE	94	PO1, PO2, PO3, PO6, PO8, PO11 PSO3
11	Overview of MSP430 EC6504-Microprocessor and Microcontroller	Lecture	23.09.17 14.09.17& 15.09.17	L. Meenakshi AP/ECE S.Indumathy ASP/ECE	94	PO1, PO6 PSO1, PO2
12	Simulation of MIMO OFDM System(EC6512-Communication Systems Lab)	Conduct of experiment	25.09.17 28.09.17 04.10.17	K.R. Shanthy AP/ECE R. Thilagavathy AP/ECE R. Jeyanthi Professor/ECE	97	PO1,PO2, PO3,PO5 PSO1, PSO2
13	Arduino Based LCD(EC6513- Microprocessors and Microcontrollers Lab)	Conduct of experiment	10.10.17	R.Pavithra AP/ECE	98	PO1,PO2, PO3,PO5 PSO1, PSO2
14	RADAR Operation, types (EC6701- RF & Microwave Engineering)	Lecture	21.09.17 19.09.17 04.10.17	Dr.S. Murugan, Professor/ECE S.C. Sivaprakash Professor/ECE L. Meenakshi AP/ECE	94	PO1,PO2, PO3,PO4, PO6 PSO1, PSO2
15	Fiber in Local loop (EC6702-Optical Communication and Networks)	Lecture	18.09.17 19.09.17	A.Anandan AP/ECE Dr.N.Janakiraman ASP/ECE	95	PO1,PO2, PO3,PO6, PO12 PSO1,

			15.09.17	R. Arunchitra AP/ECE		PSO3
<b>16</b>	Home security System (EC6703- Embedded and Real Time Systems)	Lecture	08.09.17 31.08.17 06.10.17 & 07.10.17	Dr.N.Janakiraman ASP/ECE S.Indumathy AP/ECE D.Anand AP/ECE	96	PO1, PO2. PO3. PO4, PO5,PO6 ,PO7,PO12, PSO1,PSO2 , PSO 3
<b>17</b>	Video compression and 3 D Graphics and Animation Motion Estimation (IT6005- Digital Image Processing)	Lecture	16.10.17 21.10.17 06.10.17	P. Selvi AP/ECE P.Karpagavalli ASP/ECE P. Selvi AP/ECE	94	PO1,PO2, PO3,PO4, PO5,PSO1, PSO2
<b>18</b>	Guided Missiles (EC6015- Radar and Navigational Aids)	Lecture	14.09.17 28.09.17 07.10.17	T.R.Muthu AP/ECE S.Ravisankar AP/ECE A.Yusuf Khan AP/ECE	94	PO1, PO2, PO3, PSO 1
<b>19</b>	Case study on RT Linux And $\mu$ COS –II RTOS (EC6711- Embedded Laboratory)	Conduct of experiment	16.10.17 20.10.17 04.10.17	Dr.N.Janakiraman ASP/ECE S.Indumathy AP/ECE D.Anand AP/ECE	97	PO1, PO2. PO3. PO4, PO5,PO6,P O7, PO12, PSO1,PSO2 , PSO 3
<b>20</b>	S- Parameter Measurements of Microstrip LPF using VNA (EC6712-Optical and Microwave Laboratory)	Conduct of experiment	12.09.17 24.08.17	Dr.S. Murugan, Professor/ECE R.Arunchitra AP/ECE	<b>96</b>	PO1,PO2, PO3,PO6, PO12 PSO1, PSO3