

K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM – 630 612**(An Autonomous Institution, Affiliated to Anna University)****DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****CAY2021-22 Content Beyond Syllabus**

Sl.No	Gap	Action taken	Date-month-year	Resource Person with designation	% of Students	Relevance to POs, PSOs
1.	TRELLIS CODE (EC8501- Digital Communication)	Lecture	06.10.21	Dr. K. R. Shanthy ASP/ECE Dr. R. Jeyanthi Prof/ECE	95 95	PO1,PO2,PO3,PO10,PSO2
2.	Video Codec (EC8553-Discrete Time Signal Processing)	Lecture	28.09.21	Dr.V.Kejalakshmi HOD/ECE Dr. S. Subha ASP/ECE	100 100	PO1,PO2,PO8,PO9,PO10, PSO2
3.	Intel Pentium 4 (EC8552-Computer Architecture and Organization)	Lecture	06.10.21	Ms. M. Amudha AP(Sr.Gr.)/ECE Ms. L. Meenakshi AP(Sr.Gr.)/ECE	94 97	PO1,PO2,PO10,PSO3
4.	Network Security (EC8551-Communication Networks)	Lecture	06.10.21	Mr. S. R. Naresh ASP/ECE	95 95	PO1, PO2, PO8, PO9, PSO2
5.	Introduction to body area network, wearable sensors for health care system. (EC8073-Medical Electronics)	Lecture	06.10.21	Mr. S. Selvakumar AP/ECE	94	PO1,PO2,PO8,PO9,PO10, PSO1
6.	Business ethics (GE8077-Total Quality Management)	Lecture	06.10.21	Mr. P.S.Kumaresh AP(SG)/ECE	95	PO1,PO2,PO8,PO9
7	Amazon Web Services (AWS) Certification Program (OIT552-Cloud Computing)	Lecture	06.10.21	Dr. R. Mohankumar ASP/ECE	93	PO1,PO2,PO3,PO4,PO10, PO12, PSO3
8	DTMF generation and decoding (EC8562-Digital signal processing Laboratory)	Conduct of Experiment	16.11.21	Ms. R. Thilagavathy AP(Sr.Gr.)/ECE Dr. S. Subha ASP/ECE	93 96	PO1,PO2,PO3,PO4,PO5,PO8, PO9,PO10,PSO2

9	Simulation of OFDM systems (EC8561-Communication Systems Laboratory)	Conduct of Experiment	18.10.21	Dr.R.Jeyanthi Prof/ECE Mr. S. Ravisankar AP/ECE	93 93	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PSO2
10	Study of NS2 & simulation of congestion control algorithm using NS2 (EC8563-Communication Networks Laboratory)	Conduct of Experiment	16.10.21	Mr. P.S.Kumaresh AP(SG)/ECE Dr. R. Mohankumar ASP/ECE	95	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PSO2
11	Anechoic chamber (EC8701-Antenna and Microwave Engineering)	Lecture	07.10.21	Mr. S. Selvakumar AP/ECE Ms. L. Meenakshi	91 92	PO1,PO2,PO8,PO9, PSO2
12	Fiber in the local loop (EC8751-Optical Communication)	Lecture	08.10.21	Dr. K. R. Shanthi ASP/ECE Dr.S.C.Sivaparakash Prof/ECE	90	PO1,PO2,PO8,PO9,PSO2
13	Home Security Systems (EC8791-Embedded and Real time systems)	Lecture	01.10.21	Dr. N. Janakiraman Prof/ECE Mr. D. Anand AP/ECE	86	PO1,PO2,PO3,PO8, PO9,PO10,PSO3
14	Practical deployment of WSNs (EC8702-ADHOC and Wireless sensor Networks)	Lecture	07.10.21	Dr. P. S. Kumaresh Dr. R. Jeyanthi Prof/ECE	96	PO1,PO2,PO3,PO8,PO9, PO10,PSO2
15	Machine learning used in computer vision application (CS8082-Machine Learning(Professional Elective))	Lecture	06.10.21	Dr. P. Karpagavalli ASP/ECE Dr. B.Buvaneswari ASP/ECE	94 97	PO1, PO2,PO3,PO8,PO9, PSO2
16	virtual reality Roadmap industrial safety (OME754-Industrial Safety(Open Elective))	Lecture	07.10.21	Mr. S. Ravisankar AP/ECE Ms. R.Pavithra AP/ECE	86 92	PO7,PO8,PO9,PO10

17	Case Study on RTLinux and Mucos –II Rtos (EC8711-Embedded Laboratory)	Conduct of Experiment	07.10.21	Dr. N. Janakiraman Prof/ECE Mr.D.Anand AP/ECE	89 86	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PSO3
18	S-parameter measurement of microstrip LPF using VNA (EC8761-Advanced Communication Laboratory)	Conduct of Experiment	06.10.21	Mr. S. Selvakumar ASP/ECE Dr. S. C. Sivaprakash Prof/ECE	89 100	PO1,PO2,PO3,PO4,PO8, PO9,PO10,PSO2
19	Overview of MSP430 (EC8691-Microprocessor and Microcontrollers)	Lecture	28.06.22 14.06.22	Ms. L. Meenakshi AP(Sr.Gr.)/ECE Ms.S.Indumathi AP/ECE	86	PO1,PO2,PO3,PO8,PO9, PO10,PSO3
20	System On Chip (EC8095-VLSI Design)	Lecture	25.6.22	Dr. N. Janakiraman PROF/ECE Ms. M. Amudha AP(Sr.Gr.)/ECE	95	PO1,PO2,PO3,PSO3
21	MASSIVE MIMO (EC8652-Wireless communication)	Lecture	25.06.22 24.06.22	Dr. P.S.Kumaresh AP(SG)/ECE Dr. R. Jeyanthi PROF/ECE	90	PO1,PO2,PSO2
22	Entrepreneurial challenges in the 21st century (MG8591-Principles of Management)	Lecture	20.6.22	Mr. S. R. Naresh ASP/ECE Dr. R.Mohankumar ASP/ECE	95	PO1,PO2,PO8,PO9
23	study of basics of microstrip lines, strip lines (EC8651-Transmission lines and RF System)	Lecture	02.06.22 08.06.22	Dr. S. C. Sivaprakash PROF/ECE Mr.S.Selvakumar AP/ECE	93	PO1,PO2,PO3,PO8,PO9, PSO2
24	AODV protocol using NS2 (EC8004-Wireless Networks)	Lecture	16.06.22	Dr. R. Mohankumar ASP/ECE Mr. S. R. Naresh ASP/ECE	95	PO1,PO2,PO8,PO9,PSO2
25	Demo on Arduino Board (EC8681--Microprocessor and Microcontrollers lab)	Conduct of Experiment	31.05.22 16.06.22	Ms. L. Meenakshi AP(Sr.Gr.)/ECE Dr. R. Mohankumar ASP/ECE	100	PO1,PO2,PO8,PO9,PO10, PSO3
26	Back annotation process and ILA based testing for multiplier,LVS and XRC process EC8661-VLSI Design laboratory	Conduct of Experiment	31.05.22 16.06.22	Ms. M. Amudha AP(Sr.Gr.)/ECE Mr.D.Anand AP/ECE	95	PO1,PO2,PO3,PO4,PO5,PO8, ,PO9,PO10,PSO3

27	Ethical audit (GE8076 Professional Ethics in Engineering (PE-IV))	Lecture	06.06.22	Dr. P. S. Kumaresh AP(SG)/ECE	93	PO6,PO7,PO8,PO9, PO10,PO12
28	Applications of pattern recognition (EC8093 Digital Image Processing)	Lecture	15.06.22 21.06.22	Dr.P.Karpagavalli ASP/ECE Mr.S.Ravisankar AP/ECE	95	PO1,PO2,PO3,PO8,PO9, PSO2
29	Application of GIS (EC8094 Satellite Communication)	Lecture	06.06.22	Dr.R.Jeyanthi PROF/ECE	93	PO1,PO2,PSO2