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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Programme Code	Programme Name
013	B.Tech Electronics and Communication Engineering
303	M.Tech Wireless Communications

Course Outcome Attainment

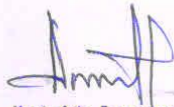
Programme: 013

Academic Year: 2023-2024

Batch: 2020-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XMA101	Calculus and Linear Algebra	CO1	60	2	No
		CO2	60	0	No
		CO3	60	1	No
		CO4	60	0	No
		CO5	60	0	No
XCP102	Programming for Problem Solving	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	1	No
		CO4	60	3	Yes
		CO5	60	2	No
XGS103	English	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XAC104	Applied Chemistry for Engineers	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XWP105	Workshop Practices	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XMA201	Calculus, Ordinary Differential Equations and Complex Variable	CO1	60	2	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	1	No
		CO5	60	1	No



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Course Outcome Attainment

Programme: 013


AcademicYear: 2023-2024

Batch: 2020-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XES202	Environmental Sciences	CO1	60	3	Yes
		CO2	60	1	No
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	2	No
XBE203	Electrical and Electronics Engineering Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	0	No
		CO4	60	2	No
		CO5	60	3	Yes
XAP204	Applied Physics for Engineers	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEG205	Engineering Graphics	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC310	In-Plant Training - I	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	0	No
XMA301	Transforms and Partial Differential Equations	CO1	60	2	No
		CO2	60	2	No
		CO3	60	1	No
		CO4	60	1	No
		CO5	60	1	No


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Course Outcome Attainment

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AcademicYear: 2023-2024

Batch: 2020-2024

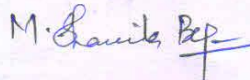
Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XEC302	Electronic Devices	CO1	60	0	No
		CO2	60	2	No
		CO3	60	3	Yes
		CO4	60	2	No
		CO5	60	2	No
XEC303	Digital System Design	CO1	60	2	No
		CO2	60	0	No
		CO3	60	2	No
		CO4	60	2	No
		CO5	60	2	No
XEC304	Signals and Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	2	No
XUM305	Entrepreneurship Development	CO1	60	2	No
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	3	Yes
XUM306	Constitution of India	CO1	60	2	No
		CO2	60	2	No
		CO3	60	2	No
		CO4	60	2	No
		CO5	60	1	No
XEC307	Network Theory	CO1	60	3	Yes
		CO2	60	1	No
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	0	No



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Course Outcome Attainment

Programme: 013

AcademicYear: 2023-2024


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Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XEC404	Electro dynamics and Electromagnetic Waves	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	2	No
XEC405	Transmission Lines and Waveguides	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC406	Analog Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	0	No
		CO4	60	2	No
		CO5	60	1	No
XEC407	Electronic Circuits	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC408	Microprocessors and Microcontrollers	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	2	No
		CO5	60	3	Yes
XEC409	Electronic Circuits lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes


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Course Outcome Attainment

Programme: 013 **AcademicYear:** 2023-2024
Batch: 2020-2024 **Section:** A

Course Code	Course Name	CO	Target %	Level	Attained
XEC510	Digital Signal Processing Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC511	In-Plant Training - II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC501	Analog Integrated Circuits	CO1	60	1	No
		CO2	60	1	No
		CO3	60	0	No
		CO4	60	1	No
		CO5	60	1	No
XEC502	Digital Communication	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	3	Yes
XEC503	Computer Architecture and Organisation	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	1	No
		CO5	60	2	No
XEC504	Digital Signal Processing	CO1	60	1	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	3	Yes


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Programme: 013

Academic Year: 2023-2024

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Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XEC505A	Medical Electronics	CO1	60	0	No
		CO2	60	0	No
		CO3	60	2	No
		CO4	60	2	No
		CO5	60	2	No
XGS507	Effective Technical Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	0	No
		CO6	60	0	No
		CO7	60	0	No
		CO8	60	0	No
XEC508	Analog Integrated Circuits Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC509	Analog and Digital Communication Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XUM601	Economics for Engineers	CO1	60	2	No
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	3	Yes
XEC602	Control Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	1	No
		CO4	60	0	No
		CO5	60	3	Yes

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Course Outcome Attainment

Programme: 013 Academic Year: 2023-2024
 Batch: 2020-2024 Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XEC603	Antennas and Wave Propagation	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC604A	Switching Theory	CO1	60	1	No
		CO2	60	0	No
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XUM606	Disaster Management	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XUM606	Disaster Management	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	0	No
XUM606	Disaster Management	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	0	No
XEC607	VLSI Design and Embedded Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	2	No
		CO4	60	2	No
		CO5	60	3	Yes


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Course Outcome Attainment

Programme: 013


Academic Year: 2023-2024

Batch: 2020-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XEC608	VLSI Design and Embedded Systems Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC609	Mini Project	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
		CO6	60	3	Yes
XUM701	Cyber Security	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC702	Microwave Engineering and Fiber Optic Communication	CO1	60	3	Yes
		CO2	60	1	No
		CO3	60	2	No
		CO4	60	1	No
		CO5	60	1	No
XEC703C	Internet of Things	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC704A	Wireless Communications	CO1	60	0	No
		CO2	60	1	No
		CO3	60	1	No
		CO4	60	0	No
		CO5	60	3	Yes


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Course Outcome Attainment

Programme: 013 **Academic Year:** 2023-2024
Batch: 2020-2024 **Section:** A

Course Code	Course Name	CO	Target %	Level	Attained
XEC706	Microwave Engineering and Fiber Optic Communication Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XEC707	Project Work Phase - I	CO1	60	0	No
		CO2	60	0	No
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	0	No
XEC708	In-Plant Training - III	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	2	No
		CO4	60	1	No
		CO5	60	3	Yes
XEC801C	Digital Image Processing	CO1	60	0	No
		CO2	60	3	Yes
		CO3	60	0	No
		CO4	60	2	No
		CO5	60	1	No
XEC804	Project Work Phase - II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
XECON26	Fundamentals of Electronic Device Fabrication	CO1	60	1	No
		CO2	60	3	Yes
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	3	Yes


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Course Outcome Attainment

Programme: 013 Academic Year: 2023-2024
Batch: 2020-2024 Section: A

Course Code	Course Name	CO	Target %	Level	Attained
XECON27	Introduction to Machine Learning	CO1	60	0	No
		CO2	60	3	Yes
		CO3	60	0	No
		CO4	60	0	No
		CO5	60	3	Yes
XECON28	Stress Management	CO1	60	0	No
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	3	Yes


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Overall PO Attainment Report

Programme: 013 Academic Year: 2023-2024
 Batch: 2020-2024 Section: A

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	XMA101	0.6	0.3	0	0	0.3	0	0	0	0	0.2	0	0.3	0	0
2	XCP102	2	1.6	0.4	0.5	1.8	0	0	0.1	0	0.3	1.6	2	0	0
3	XGS103	2.8	2.2	0.8	1	0.4	0.6	2.2	0.4	0	0	0	0	0	0
4	XAC104	3.8	0	0	0	0	0	2	2.6	2.8	0	0	0	0	0
5	XWP105	2	1	2	2	1	0	0	1	1	0	1	2	0	0
6	XMA201	0.8	0.5	0	0	0.3	0	0	0	0	0.3	0	0.5	0	0
7	XES202	2.4	2.4	1.6	1.2	0.8	0.8	0.8	0.8	0	0.8	0	0.8	0	0
8	XBE203	2.2	2.2	1.5	1.3	0.7	0.7	0.7	0.7	0	0.7	0	0.7	0	0
9	XAP204	3	1.2	1.8	1.2	0.8	0	0	0	0.6	0	0	1	0	0
10	XEG205	3	3	3	1.2	3	1.2	3	1	1	1.2	2.2	3	3	0
11	XEC310	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	XMA301	1.2	0.3	0	0	0.1	0	0	0	0	0.4	0.1	0.5	0	0
13	XEC302	1.8	1.2	0.6	0.6	0.6	0.6	0.6	0.6	0	0	0	0.6	0	0

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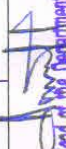



Overall PO Attainment Report

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024 Section: A

14	XEC303	1.3	1.3	1.2	0.8	0.8	0.7	0.5	0.5	0	0	0	0	0.8	0	0
15	XEC304	2.8	2.8	1.9	0.9	0.9	0.9	0.9	0.9	0	0	0	0	0.9	0	0
16	XUM305	0	0	0.2	0.4	0.6	0.7	0.4	1.2	1.2	1.4	1.2	1.1	0	0	0
17	XUM306	1.2	0.1	0	0.6	0	0	0	0.2	0.3	0	0	0.3	0	0	0
18	XEC307	2	1.3	0.7	0.7	0.7	0.7	0.7	0.7	0	0	0	0.7	0	0	0
19	XEC308	3	3	3	2	2	2	2	1	2	2	1	2	0.2	0.2	0.2
20	XEC309	3	3	3	2	2	2	2	1	2	2	1	2	0	0	0.2
21	XEC410	2.6	2.2	1.6	1.6	1.6	1.6	1.2	0.6	1.6	0.6	0.6	1.6	0	0	0
22	XEC401	3	2	1	0.6	0.4	0.4	0.2	0	1	1	0.4	1	0	0	0
23	XUM402	1.4	0	0	1.4	1.4	1	0.2	0.8	0.8	0.8	0	0.6	0	0	0
24	XUM403	1	0	0	0	1	0	0	2.6	0.6	0.8	0	0.4	0	0	0
25	XEC404	1.9	1.5	2.3	1.9	0.9	0.9	0.9	0.9	0	0	0	1.9	0	0	0
26	XEC405	2	1.6	2	1.6	1	1	1	0.2	0	0	0	1	0	0	0
27	XEC406	1.2	1.2	1.2	1.1	0.6	0.6	0.6	0.6	0	0	0	0.6	0.4	0.4	0.4
28	XEC407	2.6	2.6	2	1.6	1	1	1	1	0	0	0	1	0	0	0


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Overall PO Attainment Report

Academic Year: 2023-2024

Programme: 013

Section: A

Batch: 2020-2024

29	XEC408	2.4	2.3	1.9	1.5	0.9	0.9	0.9	0	0	0	0.9	0	0.2
30	XEC409	2.4	2.6	1.4	1.8	1.6	1.6	1.6	1.6	0.8	0.8	2	0	0
31	XEC510	2.2	2.6	0	2	1	0	0	0	2.2	2	1	0	0
32	XEC501	0.5	0.7	0	0.5	0.2	0	0	0	0.1	0.3	0	0.3	0
33	XEC511	0.4	0.2	0.4	0.8	0.6	0	0.2	0.6	0.6	0.8	1	0	0
34	XEC502	0	0.4	0	0	0	0	0	0	0	0	0.2	0.4	0.4
35	XEC503	0.4	0.4	0.4	0.2	0	0	0	0	0.1	0	0.2	0	0
36	XEC504	0.6	0.6	0.5	0.1	0.3	0.1	0	0	0.1	0.1	0.1	0.5	0
37	XGS507	2.3	2.3	1.8	2.5	2	2	1.8	2.8	1.8	2.3	1.7	2.2	0.9
38	XEC508	2.2	2.6	0	2	1	0	0	0	2.2	2	0	1	0
39	XEC509	2	2	0	1	2	0	1	0	2	2	0	1	0
40	XUM601	1.1	1.5	0.4	1.3	0	0	1.1	0.9	0.5	1.3	1.7	2.2	0.9
41	XEC602	2	1.3	0.6	0.1	0.2	1.1	0.4	0.4	0.4	1.4	0	0.9	0
42	XEC603	2.8	1	0	1.8	1.8	0	0	0	0	0	0	1	0
43	XUM606	0.8	1	1.4	1.4	2.2	1.6	1	2	1.2	1.8	0.4	0.8	0.6

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Overall PO Attainment Report

Programme: 013 Academic Year: 2023-2024 Section: A
 Batch: 2020-2024

44	XEC607	1.7	1.7	0	0	0	0	0	0.7	0.7	0	0.9	0	0	0
45	XEC608	3	2	2	2	2	2	1	1	0	1	1	0	0	0
46	XEC609	3	2	2	1	0	0	0	0	0	0	0	0	0	0
47	XUM701	1.4	1.6	1.4	1.4	1.4	1.8	1.4	1.6	1.6	1.4	1.8	1.8	1.8	2
48	XEC702	1.1	0.5	0	0.5	1.1	0	0	0	0	0	0.5	0	0	0.7
49	XEC706	2	1	0	2	2	0	0	2	2	0	1	0	0	1
50	XEC707	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	XEC708	0.4	0.1	0.1	0.7	0.2	0	0.2	0.6	0.4	0.7	0.6	0.5	0	0
52	XEC804	0.2	1.4	0	0.8	1.2	0.2	0.6	0	1	1.8	1.2	1	0	0

Average Attained	1.7	1.4	0.9	1	0.9	0.6	0.6	0.6	0.7	0.7	0.4	1	0.2	0.2
Attainment Percentage	81%	82%	82%	83%	82%	86%	86%	86%	100%	88%	100%	83%	100%	67%
Direct Attainment(80%)	3	3	3	3	3	3	3	3	3	3	3	3	3	2

Programme Exit Survey(10%)	1.9	1.8	2	1.8	1.8	1.9	2	1.9	1.9	1.9	1.8	1.7	1.7	1.8	1.8
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Overall PO Attainment Report

Academic Year: 2023-2024

Programme: 013

Section: A

Batch: 2020-2024

Alumni Survey(10%)	1.8	1.8	1.8	1.6	1.8	1.5	1.8	1.8	1.8	1.5	1.9	1.7	1.7
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Overall Attainment	2.77	2.76	2.78	2.76	2.74	2.77	2.75	2.77	2.86	2.72	2.76	2.75	1.95
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Programme Articulation Matrix

Programme: 013 AcademicYear: 2023-2024
 Batch: 2020-2024

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	XMA101.1	3	2	0	0	2	0	0	0	0	1	0	2	0	0
2	XMA101.2	3	1	0	0	0	0	0	0	0	1	0	1	0	0
3	XMA101.3	3	1	0	0	0	0	0	0	0	1	0	1	0	0
4	XMA101.4	3	2	0	0	0	0	0	0	0	1	0	1	0	0
5	XMA101.5	3	2	0	0	1	0	0	0	0	1	0	2	0	0
6	XCP102.1	3	2	0	0	3	0	0	0	0	0	2	3	0	0
7	XCP102.2	3	2	0	0	2	0	0	0	0	0	2	3	0	0
8	XCP102.3	2	2	1	2	2	0	0	0	0	0	2	2	0	0
9	XCP102.4	2	2	1	2	2	0	0	0	0	0	2	2	0	0
10	XCP102.5	2	2	1	0	2	0	0	1	0	2	2	2	0	0
11	XGS103.1	2	1	0	1	0	0	3	0	0	0	0	0	0	0
12	XGS103.2	3	3	1	0	1	1	3	0	0	0	0	0	0	0
13	XGS103.3	3	2	1	1	0	0	2	0	0	0	0	0	0	0


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Programme Articulation Matrix

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

14	XGS103.4	3	3	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0
15	XGS103.5	3	2	1	2	0	1	1	1	1	0	0	0	0	0	0	0	0
16	XAC104.1	3	0	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0
17	XAC104.2	2	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0
18	XAC104.3	3	0	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0
19	XAC104.4	8	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0
20	XAC104.5	3	0	0	0	0	0	0	2	2	3	0	0	0	0	0	0	0
21	XWP105.1	2	1	2	2	1	0	0	0	1	1	0	1	0	2	0	0	0
22	XWP105.2	2	1	2	2	1	0	0	0	1	1	0	1	0	2	0	0	0
23	XWP105.3	2	1	2	2	1	0	0	0	1	1	0	1	0	2	0	0	0
24	XWP105.4	2	1	2	2	1	0	0	0	1	1	0	1	0	2	0	0	0
25	XWP105.5	2	1	2	2	1	0	0	0	1	1	0	1	0	2	0	0	0
26	XMA201.1	3	2	0	0	2	0	0	0	0	0	1	0	2	0	0	0	0
27	XMA201.2	3	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
28	XMA201.3	3	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0

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Programme Articulation Matrix

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

29	XMA201.4	3	2	0	0	0	0	0	0	0	0	1	0	0	0
30	XMA201.5	3	2	0	0	1	0	0	0	0	0	1	2	0	0
31	XES202.1	3	3	2	2	1	1	1	1	0	0	1	0	0	0
32	XES202.2	3	3	2	2	1	1	1	1	0	0	1	0	0	0
33	XES202.3	3	3	2	1	1	1	1	1	0	0	1	0	0	0
34	XES202.4	3	3	2	1	1	1	1	1	0	0	1	0	0	0
35	XES202.5	3	3	2	2	1	1	1	1	0	0	1	0	0	0
36	XBE203.1	3	3	2	2	1	1	1	1	0	0	1	0	0	0
37	XBE203.2	3	3	2	2	1	1	1	1	0	0	1	0	0	0
38	XBE203.3	3	3	2	1	1	1	1	1	0	0	1	0	0	0
39	XBE203.4	3	3	2	1	1	1	1	1	0	0	1	0	0	0
40	XBE203.5	3	3	2	2	1	1	1	1	0	0	1	0	0	0
41	XAP204.1	3	2	2	2	1	0	0	0	1	0	0	1	0	0
42	XAP204.2	3	0	1	0	1	0	0	0	0	0	0	1	0	0
43	XAP204.3	3	2	2	2	1	0	0	0	1	0	0	1	0	0

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Programme Articulation Matrix

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

44	XAP204.4	3	2	2	2	1	0	0	0	1	0	0	1	0	0
45	XAP204.5	3	0	2	0	0	0	0	0	0	0	0	1	0	0
46	XEG205.1	3	3	3	2	3	2	3	1	1	2	3	3	3	0
47	XEG205.2	3	3	3	1	3	1	3	1	1	1	2	3	3	0
48	XEG205.3	3	3	3	1	3	1	3	1	1	1	2	3	3	0
49	XEG205.4	3	3	3	1	3	1	3	1	1	1	2	3	3	0
50	XEG205.5	3	3	3	1	3	1	3	1	1	1	2	3	3	0
51	XEC310.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	XEC310.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	XEC310.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	XEC310.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	XEC310.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	XMA301.1	3	0	0	0	0	0	0	0	0	1	0	1	0	0
57	XMA301.2	3	0	0	0	0	0	0	0	0	1	0	1	0	0
58	XMA301.3	3	2	0	0	0	0	0	0	0	1	1	2	0	0


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Programme Articulation Matrix

Academic Year: **2023-2024**

Programme: **013**

Batch: **2020-2024**

59	XMA301.4	3	2	0	0	1	0	0	0	0	0	1	1	1	0	0
60	XMA301.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	XEC302.1	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0
62	XEC302.2	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0
63	XEC302.3	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0
64	XEC302.4	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0
65	XEC302.5	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0
66	XEC303.1	3	3	3	2	2	2	1	1	1	1	0	0	2	0	0
67	XEC303.2	2	2	3	2	2	2	1	1	1	1	0	0	2	0	0
68	XEC303.3	3	3	2	2	1	1	1	1	1	1	0	0	1	0	0
69	XEC303.4	2	2	2	2	2	2	1	1	1	1	0	0	2	0	0
70	XEC303.5	2	2	2	2	1	1	1	1	1	1	0	0	1	0	0
71	XEC304.1	3	3	2	1	1	1	1	1	1	1	0	0	1	0	0
72	XEC304.2	3	3	2	1	1	1	1	1	1	1	0	0	1	0	0
73	XEC304.3	3	3	2	1	1	1	1	1	1	1	0	0	1	0	0

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Programme Articulation Matrix

Programme: 013

Academic Year: 2023-2024

Batch: 2020-2024

74	XEC304.4	3	3	2	1	1	1	1	1	0	0	0	1	0	0
75	XEC304.5	3	3	2	1	1	1	1	1	0	0	0	1	0	0
76	XUM305.1	0	0	0	0	0	1	0	0	3	3	0	1	0	0
77	XUM305.2	0	0	1	2	3	2	1	3	1	2	3	0	0	0
78	XUM305.3	0	0	0	0	0	0	0	0	3	3	3	2	0	0
79	XUM305.4	0	0	0	0	0	1	1	2	3	0	3	3	0	0
80	XUM305.5	0	0	0	0	0	1	1	3	0	0	0	3	0	0
81	XUM306.1	2	0	0	1	0	0	0	0	0	0	0	2	0	0
82	XUM306.2	2	0	0	1	0	0	0	0	0	0	0	0	0	0
83	XUM306.3	2	0	0	1	0	0	0	0	1	0	0	0	0	0
84	XUM306.4	2	0	0	1	0	0	0	1	1	0	0	0	0	0
85	XUM306.5	2	2	0	1	0	0	0	1	1	0	0	0	0	0
86	XEC307.1	3	2	1	1	1	1	1	1	0	0	0	1	0	0
87	XEC307.2	3	2	1	1	1	1	1	1	0	0	0	1	0	0
88	XEC307.3	3	2	1	1	1	1	1	1	0	0	0	1	0	0

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Programme Articulation Matrix

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

104	XEC410.4	2	1	1	2	0	1	1	0	1	1	0	0	0	0
105	XEC410.5	3	1	2	1	1	0	2	1	0	2	1	0	0	0
106	XEC401.1	3	2	0	0	0	0	0	1	1	1	1	0	1	0
107	XEC401.2	3	2	0	0	0	0	0	1	1	1	1	0	1	0
108	XEC401.3	3	2	1	0	0	0	0	1	1	1	1	0	1	0
109	XEC401.4	3	2	1	1	1	0	0	1	1	1	1	1	1	0
110	XEC401.5	3	2	1	1	1	0	1	1	0	1	1	1	1	0
111	XUM402.1	2	0	1	1	1	1	1	1	1	1	1	0	1	0
112	XUM402.2	1	0	1	1	1	0	1	1	0	1	1	0	0	0
113	XUM402.3	2	0	1	2	1	1	1	0	1	0	1	0	0	0
114	XUM402.4	1	0	2	2	1	0	1	1	0	1	1	0	1	0
115	XUM402.5	1	0	2	1	1	0	1	1	1	1	1	0	0	0
116	XUM403.1	1	0	0	1	0	0	2	0	0	0	0	0	0	0
117	XUM403.2	1	0	0	1	0	0	3	1	0	0	0	0	0	0
118	XUM403.3	1	0	0	1	0	0	2	0	0	0	0	0	0	0

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Programme Articulation Matrix


Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

119	XUM403.4	1	0	0	1	0	0	3	0	2	0	0	0	0
120	XUM403.5	1	0	0	1	0	0	3	2	2	0	2	0	0
121	XEC404.1	2	2	3	2	1	1	1	0	0	0	2	0	0
122	XEC404.2	2	2	2	2	1	1	1	0	0	0	2	0	0
123	XEC404.3	2	1	2	2	1	1	1	0	0	0	2	0	0
124	XEC404.4	2	1	3	2	1	1	1	0	0	0	2	0	0
125	XEC404.5	2	2	2	2	1	1	1	0	0	0	2	0	0
126	XEC405.1	2	2	2	2	1	1	1	0	0	0	1	0	0
127	XEC405.2	2	2	2	2	1	1	0	0	0	0	1	0	0
128	XEC405.3	2	1	2	1	1	1	0	0	0	0	1	0	0
129	XEC405.4	2	1	2	1	1	1	0	0	0	0	1	0	0
130	XEC405.5	2	2	2	2	1	1	0	0	0	0	1	0	0
131	XEC406.1	2	2	2	2	1	1	1	0	0	0	1	2	2
132	XEC406.2	2	2	2	2	1	1	1	0	0	0	1	0	0
133	XEC406.3	2	2	2	1	1	1	1	0	0	0	1	0	0


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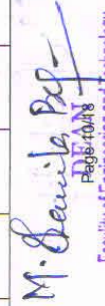
Programme Articulation Matrix

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

134	XEC406.4	2	2	2	1	1	1	1	1	0	0	0	1	0	0
135	XEC406.5	2	2	2	2	1	1	1	1	0	0	0	1	0	0
136	XEC407.1	3	3	2	2	1	1	1	1	0	0	0	1	0	0
137	XEC407.2	2	3	2	2	1	1	1	1	0	0	0	1	0	0
138	XEC407.3	3	2	2	1	1	1	1	1	0	0	0	1	0	0
139	XEC407.4	2	2	2	1	1	1	1	1	0	0	0	1	0	0
140	XEC407.5	3	3	2	2	1	1	1	1	0	0	0	1	0	0
141	XEC408.1	3	2	2	2	1	1	1	1	0	0	0	1	0	1
142	XEC408.2	3	2	2	2	1	1	1	1	0	0	0	1	0	0
143	XEC408.3	2	3	2	1	1	1	1	1	0	0	0	1	0	0
144	XEC408.4	3	2	2	1	1	1	1	1	0	0	0	1	0	0
145	XEC408.5	2	3	2	2	1	1	1	1	0	0	0	1	0	0
146	XEC409.1	2	3	2	2	2	2	1	1	2	1	1	2	0	0
147	XEC409.2	3	2	1	2	2	1	1	1	1	1	1	2	0	0
148	XEC409.3	2	3	1	1	1	2	2	0	2	0	1	2	0	0


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Programme Articulation Matrix

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149	XEC409.4	3	2	2	2	2	2	1	2	0	1	1	0	2	0	0
150	XEC409.5	2	3	1	2	1	2	1	2	1	2	1	1	2	0	0
151	XEC510.1	3	3	0	2	1	1	0	0	0	2	2	0	1	0	0
152	XEC510.2	3	3	0	2	1	1	0	0	0	2	2	0	1	0	0
153	XEC510.3	3	3	0	2	1	1	0	0	0	3	2	0	1	0	0
154	XEC510.4	1	2	0	2	1	1	0	0	0	2	2	0	1	0	0
155	XEC510.5	1	2	0	2	1	1	0	0	0	2	2	0	1	0	0
156	XEC501.1	3	3	0	2	0	2	0	0	0	2	0	0	1	0	0
157	XEC501.2	3	3	0	2	1	1	0	0	0	0	2	0	1	0	0
158	XEC501.3	3	3	0	2	1	1	0	0	0	3	2	0	1	0	0
159	XEC501.4	1	2	0	2	1	1	0	0	0	0	0	0	1	0	0
160	XEC501.5	1	2	0	2	1	1	0	0	0	0	2	0	1	0	0
161	XEC511.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	XEC511.2	0	0	0	0	0	0	0	1	3	0	0	1	0	0	0
163	XEC511.3	0	0	0	0	0	0	0	0	0	3	1	3	1	0	0

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Programme Articulation Matrix

Programme: 013 Academic Year: 2023-2024

Batch: 2020-2024

164	XEC511.4	0	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
165	XEC511.5	0	0	0	3	0	0	0	0	3	0	1	0	0	0	0	0	0
166	XEC502.1	1	3	0	0	0	0	0	0	0	1	0	2	2	3			
167	XEC502.2	1	3	0	0	0	0	0	0	0	0	0	1	2	3			
168	XEC502.3	1	3	0	0	0	0	0	0	0	0	0	1	2	3			
169	XEC502.4	1	2	0	0	0	0	0	0	0	0	0	1	2	3			
170	XEC502.5	0	2	0	0	0	0	0	0	0	0	0	1	2	2			
171	XEC503.1	2	2	2	1	0	0	0	0	0	1	0	1	0	0			
172	XEC503.2	2	2	2	1	0	0	0	0	0	1	0	1	0	0			
173	XEC503.3	2	2	2	1	0	0	0	0	0	0	0	1	0	0			
174	XEC503.4	2	2	2	1	0	0	0	0	1	0	0	1	0	0			
175	XEC503.5	2	2	2	1	0	0	0	0	0	0	0	1	0	0			
176	XEC504.1	3	3	1	2	2	2	0	0	1	1	2	0	0	1			
177	XEC504.2	2	2	2	2	2	2	0	0	1	1	2	0	0	1			
178	XEC504.3	3	3	2	2	2	2	0	0	1	1	2	0	0	1			

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Programme Articulation Matrix

Academic Year: 2023-2024

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179	XEC504.4	3	2	2	2	3	2	0	0	1	1	1	2	0	1
180	XEC504.5	2	2	2	0	1	0	0	0	0	0	0	2	0	1
181	XGS507.1	2	1	1	2	2	3	1	3	2	3	1	3	2	2
182	XGS507.2	3	2	1	2	2	1	2	2	1	2	3	2	1	3
183	XGS507.3	2	3	3	3	2	2	2	3	2	2	2	2	3	3
184	XGS507.4	2	3	2	3	2	2	2	3	2	2	1	3	2	2
185	XEC508.1	3	3	0	2	1	0	0	0	2	2	0	1	0	0
186	XEC508.2	3	3	0	2	1	0	0	0	2	2	0	1	0	0
187	XEC508.3	3	3	0	2	1	0	0	0	3	2	0	1	0	0
188	XEC508.4	1	2	0	2	1	0	0	0	2	2	0	1	0	0
189	XEC508.5	1	2	0	2	1	0	0	0	2	2	0	1	0	0
190	XEC509.1	2	2	0	1	2	0	1	0	2	2	0	1	0	1
191	XEC509.2	2	2	0	1	2	0	1	0	2	2	0	1	0	1
192	XEC509.3	2	2	0	1	2	0	1	0	2	2	0	1	0	1
193	XEC509.4	2	2	0	1	2	0	1	0	2	2	0	1	0	1

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Programme Articulation Matrix

Academic Year: 2023-2024

Programme: 013

Batch: 2020-2024

194	XEC609.5	2	2	0	1	2	0	0	1	0	2	0	2	0	1	0	1
195	XUM601.1	1	2	0	1	0	0	0	1	1	1	2	2	3	1	1	1
196	XUM601.2	2	2	1	2	0	0	0	2	1	1	2	3	3	1	1	1
197	XUM601.3	2	2	1	3	0	0	0	2	2	1	2	2	3	2	2	2
198	XUM601.4	2	2	0	2	0	0	0	0	1	1	1	1	2	3	2	2
199	XUM601.5	1	2	0	1	0	0	0	1	1	0	1	2	3	1	1	1
200	XEC602.1	3	2	0	0	0	1	0	0	0	0	2	0	1	0	0	0
201	XEC602.2	3	2	0	0	0	1	0	0	0	0	2	0	2	0	0	0
202	XEC602.3	3	2	0	2	3	2	0	0	0	0	3	0	2	0	0	0
203	XEC602.4	3	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0
204	XEC602.5	3	2	3	0	0	3	2	2	2	2	2	2	0	1	0	0
205	XEC603.1	3	1	0	2	2	0	0	0	0	0	0	0	0	1	0	1
206	XEC603.2	3	1	0	2	2	0	0	0	0	0	0	0	0	1	0	1
207	XEC603.3	3	1	0	2	2	0	0	0	0	0	0	0	0	1	0	1
208	XEC603.4	3	1	0	2	2	0	0	0	0	0	0	0	0	1	0	1

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Programme Articulation Matrix

Programme: 013 2020-2024 Academic Year: 2023-2024

Batch: 2020-2024

224	XEC608.5	3	2	2	2	2	2	1	1	0	1	1	0	0
225	XEC609.1	3	2	2	1	0	0	0	0	0	0	0	0	0
226	XEC609.2	3	2	2	1	0	0	0	0	0	0	0	0	0
227	XEC609.3	3	2	2	1	0	0	0	0	0	0	0	0	0
228	XEC609.4	3	2	2	1	0	0	0	0	0	0	0	0	0
229	XEC609.5	3	2	2	1	0	0	0	0	0	0	0	0	0
230	XEC609.6	3	2	2	1	0	0	0	0	0	0	0	0	0
231	XUM701.1	2	2	1	2	1	2	1	1	2	1	2	2	2
232	XUM701.2	1	1	2	2	1	2	1	1	2	1	2	2	2
233	XUM701.3	1	1	2	1	2	1	2	2	1	2	2	2	2
234	XUM701.4	1	2	1	1	2	2	1	2	2	1	2	1	2
235	XUM701.5	2	2	1	1	1	2	2	1	2	1	2	2	2
236	XEC702.1	2	1	0	1	2	0	0	0	0	0	1	0	1
237	XEC702.2	2	1	0	1	2	0	0	0	0	0	1	0	1
238	XEC702.3	2	1	0	1	2	0	0	0	0	0	1	0	1


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Programme Articulation Matrix

Programme: 013

Academic Year: 2023-2024

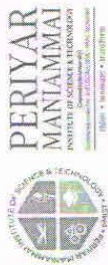
Batch: 2020-2024

239	XEC702.4	2	1	0	1	2	0	0	0	0	0	0	1	0	2
240	XEC702.5	2	1	0	1	2	0	0	0	0	0	0	1	0	2
241	XEC706.1	2	1	0	2	2	0	0	0	2	2	0	1	0	1
242	XEC706.2	2	1	0	2	2	0	0	0	2	2	0	1	0	1
243	XEC706.3	2	1	0	2	2	0	0	0	2	2	0	1	0	1
244	XEC706.4	2	1	0	2	2	0	0	0	2	2	0	1	0	1
245	XEC706.5	2	1	0	2	2	0	0	0	2	2	0	1	0	1
246	XEC707.1	1	3	0	0	3	0	0	0	0	0	0	0	0	0
247	XEC707.2	0	3	0	0	3	0	3	0	0	0	0	0	0	0
248	XEC707.3	0	0	0	3	0	1	0	0	2	3	0	0	0	0
249	XEC707.4	0	0	0	0	0	0	0	0	3	3	3	0	0	0
250	XEC707.5	0	1	0	1	0	0	0	0	0	3	3	2	0	0
251	XEC708.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
252	XEC708.2	0	0	0	0	0	0	1	3	0	0	1	0	0	0
253	XEC708.3	0	0	0	0	0	0	0	0	3	1	3	1	0	0

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Programme Articulation Matrix

Programme: 013 AcademicYear: 2023-2024

Batch: 2020-2024

254	XEC708.4	0	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
255	XEC708.5	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0
256	XEC804.1	1	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
257	XEC804.2	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0
258	XEC804.3	0	0	0	3	0	1	0	0	2	3	0	0	0	0	0	0	0
259	XEC804.4	0	0	0	0	0	0	0	0	3	3	3	3	3	0	0	0	0
260	XEC804.5	0	1	0	0	1	0	0	0	0	3	3	3	2	0	0	0	0
Average		2.1	1.7	1	1.2	1.1	0.6	0.7	0.6	0.7	0.8	0.4	1.2	0.2	0.3			

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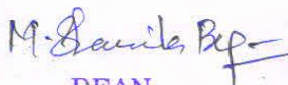
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Course Outcome Attainment

Programme: 303 Academic Year: 2023-2024
 Batch: 2022-2024 Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YWC101	Fundamentals of Wireless Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC102	Advanced Digital Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC103	Advanced Technologies in Wireless Networks	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC104B	Mobile Satellite Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC105A	Mathematics for Communication Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC106	Digital Communication Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes


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Course Outcome Attainment

Programme: 303

Academic Year: 2023-2024


Batch: 2022-2024


Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YRM107	Research Methodology and IPR	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC109	Wireless Networks Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC201	Multi Carrier Communication	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC202	Microwave Passive and Active Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC203	Advanced Radiation Systems	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC204A	Wireless Network Security	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes


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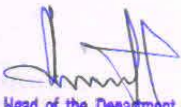

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 Thanjavur - 613 403, Tamil Nadu.

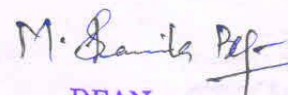


Course Outcome Attainment

Programme: 303 Academic Year: 2023-2024
 Batch: 2022-2024 Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YWC205D	Fundamentals of 5G Mobile and Wireless Technology	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC206	Radio Frequency Systems Lab	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC207	Mini Project	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
		CO6	60	3	Yes
YWC301	Dissertation Phase - I	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
YWC302B	Telecom Network Planning and Management	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes
YWC401	Dissertation Phase - II	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
YEGOE1	English for Research Paper Writing	CO1	60	3	Yes
		CO2	60	0	No
		CO3	60	3	Yes
		CO4	60	0	No
		CO5	60	3	Yes


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Course Outcome Attainment

Programme: 303

AcademicYear: 2023-2024

Batch: 2022-2024

Section: A

Course Code	Course Name	CO	Target %	Level	Attained
YPSOE1	Introduction to Constitution of India	CO1	60	3	Yes
		CO2	60	3	Yes
		CO3	60	3	Yes
		CO4	60	3	Yes
		CO5	60	3	Yes



HOD/ECE

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DEAN/FET

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DEAN(L&D)

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Programme Articulation Matrix

2023-2024

Academic Year:

303

Programme:

2022-2024

Batch:

S.No.	Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7
1	YWC101.1	3	3	3	1	1	1	1
2	YWC101.2	3	3	3	3	0	1	1
3	YWC101.3	3	3	3	3	2	1	1
4	YWC101.4	3	3	3	1	0	1	1
5	YWC101.5	3	3	3	1	2	1	1
6	YWC102.1	3	3	3	1	1	1	1
7	YWC102.2	3	3	3	1	0	1	1
8	YWC102.3	3	3	3	1	2	1	1
9	YWC102.4	3	3	3	1	0	1	1
10	YWC102.5	3	3	3	3	2	1	1
11	YWC103.1	3	3	3	1	1	3	1
12	YWC103.2	3	3	3	1	0	3	1
13	YWC103.3	3	3	3	1	2	3	1

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Programme Articulation Matrix

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14	YWC103.4	3	3	3	3	3	3	1	0	3	1
15	YWC103.5	3	3	3	3	3	3	1	2	3	1
16	YWC106.1	3	3	3	3	3	3	1	1	1	1
17	YWC106.2	3	3	3	3	3	3	1	1	1	1
18	YWC106.3	3	3	3	3	3	3	1	1	1	1
19	YWC106.4	3	3	3	3	3	3	1	1	1	1
20	YWC106.5	3	3	3	3	3	3	1	1	1	1
21	YWC109.1	3	3	3	3	3	3	1	1	1	1
22	YWC109.2	3	3	3	3	3	3	1	1	1	1
23	YWC109.3	3	3	3	3	3	3	1	1	1	1
24	YWC109.4	3	3	3	3	3	3	1	1	1	1
25	YWC109.5	3	3	3	3	3	3	1	1	1	1
26	YWC201.1	3	3	3	3	3	3	0	0	1	1
27	YWC201.2	3	3	3	3	3	3	0	0	1	1
28	YWC201.3	3	3	3	3	3	3	0	2	1	1

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Programme Articulation Matrix

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29	YWC201.4	3	3	3	3	0	2	1	1
30	YWC201.5	3	3	3	3	0	2	1	1
31	YWC202.1	3	3	3	3	0	2	1	1
32	YWC202.2	3	3	3	3	0	0	1	1
33	YWC202.3	3	3	3	3	0	2	1	1
34	YWC202.4	3	3	3	3	0	0	1	1
35	YWC202.5	3	3	3	2	0	2	1	1
36	YWC203.1	3	3	3	3	1	1	1	1
37	YWC203.2	3	3	3	3	0	0	1	1
38	YWC203.3	3	3	3	3	1	2	1	1
39	YWC203.4	3	3	3	3	1	0	1	1
40	YWC203.5	3	3	3	3	1	2	1	1
41	YWC206.1	3	3	3	3	0	1	1	1
42	YWC206.2	3	3	3	3	0	0	1	1
43	YWC206.3	3	3	3	3	0	2	1	1

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