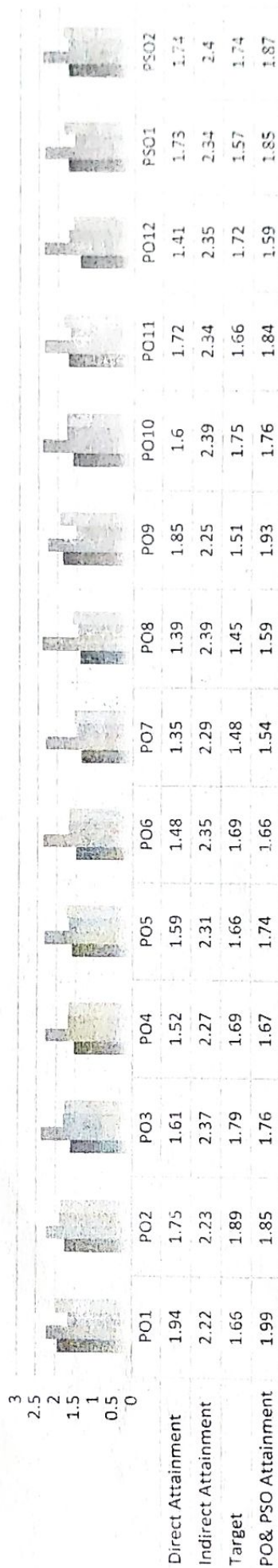


POs and PSOs Overall Attainment for the Batch 2021-2025

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment	1.94	1.75	1.61	1.52	1.59	1.48	1.35	1.39	1.85	1.60	1.72	1.41	1.73	1.74
Indirect Attainment	2.22	2.23	2.37	2.27	2.31	2.35	2.29	2.39	2.25	2.39	2.34	2.35	2.34	2.40
Target	1.66	1.89	1.79	1.69	1.66	1.69	1.48	1.45	1.51	1.75	1.66	1.72	1.57	1.74
PO & PSO Attainment	1.99	1.85	1.76	1.67	1.74	1.66	1.54	1.59	1.93	1.76	1.84	1.59	1.85	1.87

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(Signature)
Program Coordinator



(Signature)
15/10/25
HoD - ECE

HEAD OF THE DEPARTMENT
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School of Engineering
Electronics and Communication Engineering

Date: 15/10/25

Program Outcomes and Program Specific Outcomes (2021-25)

PO and PSO attainment value using Direct Assessment tools.

Course	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C110	Mathematics-I	0.84	0.56										0.28		
C111	Applied Physics	0.34	0.28	0.21	0.21								0.14		
C112	Programming for Problem Solving	0.68	0.62	0.73	0.45										
C113	Engineering Graphics	0.37	0.28	0.28	0.21								0.14		
C114	Applied Physics Laboratory	3.00	1.60		1.20								1.00		
C115	Programming for Problem Solving Laboratory	2.40	2.20	2.60	1.60										
C120	Mathematics-II	1.26	0.84										0.42		
C121	Chemistry	0.94		0.40				0.47							
C122	Basic Electrical Engineering	1.55	1.44	1.22	1.11	1.00	0.83	0.74					1.22		
C123	Engineering Workshop	3.00		2.00						1.00	1.00		2.00		2.00



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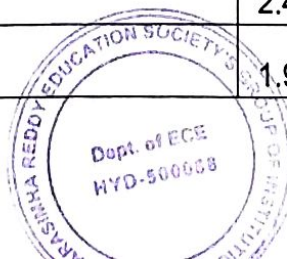
School of Engineering Electronics and Communication Engineering

Date: 15/10/25

Course Attainments for the Batch 2021-2025

Course		Internal	External	Direct Attainment	Course End Survey	Indirect Attainment	Overall Attainment
Course Code	Course Name						
C110	Mathematics-I	1.37	0.20	0.55	2.02	2.02	0.84
C111	Applied Physics	1.17	0.00	0.35	0.73	0.73	0.43
C112	Programming for Problem Solving	1.37	0.20	0.55	2.02	2.02	0.84
C113	Engineering Graphics	1.17	0.00	0.35	0.73	0.73	0.43
C114	Applied Physics Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C115	Programming for Problem Solving Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C120	Mathematics-II	2.16	0.60	1.07	2.02	2.02	1.26
C121	Chemistry	1.60	0.40	0.76	2.02	2.02	1.01
C122	Basic Electrical Engineering	2.20	1.20	1.50	2.30	2.30	1.66
C123	Engineering Workshop	3.00	3.00	3.00	3.00	3.00	3.00
C124	English	2.10	1.40	1.61	2.02	2.02	1.69
C125	Engineering Chemistry Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C126	English Language and Communication Skills Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C127	Basic Electrical Engineering Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C210	Electronic Devices and Circuits	1.60	1.40	1.46	2.36	2.36	1.64
C211	Network Analysis and Transmission Lines	2.00	0.20	0.74	2.02	2.02	1.00
C212	Digital System Design	2.40	0.60	1.14	2.02	2.02	1.32
C213	Signals and Systems	1.90	2.00	1.97	2.02	2.02	1.98

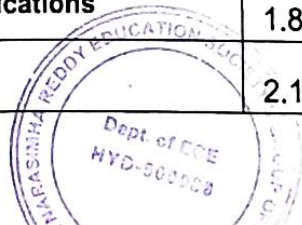
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C214	Probability Theory and Stochastic Processes	1.00	0.00	0.30	2.11	2.11	0.66
C215	Electronic Devices and Circuits Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C216	Digital System Design Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C217	Basic Simulation Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C220	Laplace Transforms, Numerical Methods & Complex Variables	1.76	3.00	2.63	0.40	0.40	2.18
C221	Electromagnetic Fields and Waves	1.27	0.00	0.38	2.11	2.11	0.73
C222	Analog and Digital Communications	2.20	1.00	1.36	2.02	2.02	1.49
C223	Linear IC Applications	2.93	1.64	2.03	2.90	2.90	2.20
C224	Electronic Circuit Analysis	2.30	0.20	0.83	2.02	2.02	1.07
C225	Analog and Digital Communications Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C226	IC Applications Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C227	Electronic Circuit Analysis Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C310	Microprocessors and Microcontrollers	2.30	3.00	2.79	2.42	2.42	2.72
C311	Data Communications and Networks	1.57	1.80	1.73	2.40	2.40	1.86
C312	Control Systems	2.10	1.40	1.61	2.41	2.41	1.77
C313	Business Economics & Financial Analysis	2.54	0.96	1.43	2.49	2.49	1.64
C316	Computer Organization & Operating Systems	1.17	0.80	0.91	2.41	2.41	1.21
C317	Microprocessors and Microcontrollers Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C318	Data Communications and Networks Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C319	Advanced Communication Skills Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C320	Antennas and Wave Propagation	2.70	2.20	2.35	2.18	2.18	2.32
C321	Digital Signal Processing	1.47	0.20	0.58	2.11	2.11	0.89
C322	VLSI Design	2.40	2.80	2.68	2.02	2.02	2.55
C325	Embedded System Design (PE-II)	2.30	3.00	2.79	2.41	2.41	2.71
C320	Data Base Management Systems (OE - I)	2.54	0.96	1.43	2.49	2.49	1.64
C326	Digital Signal Processing Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C327	e-CAD Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C328	Scripting Languages Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C410	Microwave and Optical Communications	1.80	2.80	2.50	2.02	2.02	2.40
C413	Digital Image Processing (PE-III)	2.10	2.60	2.45	2.02	2.02	2.36

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C414	Biomedical Instrumentation (PE-IV)	2.40	0.00	0.72	2.40	2.40	1.06
C410	Python Programming (OE-II)	1.90	0.00	0.57	2.02	2.02	0.86
C417	Professional Practice, Law & Ethics	2.20	3.00	2.76	2.48	2.48	2.70
C418	Microwave and Optical Communications Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C419	Industrial Oriented Mini Project/Summer Internship	3.00	3.00	3.00	3.00	3.00	3.00
C41A	Seminar	3.00	3.00	3.00	3.00	3.00	3.00
C41B	Project Stage-I	3.00		3.00	2.45	2.45	2.89
C422	Wireless Sensor Networks (PE-V)	2.20	2.40	2.34	2.40	2.40	2.35
C425	Low Power VLSI Design (PE-VI)	2.16	1.40	1.63	2.02	2.02	1.71
C420	Machine Learning (OE-III)	1.80	0.00	0.54	2.40	2.40	0.91
C426	Project Stage-II	3.00	3.00	3.00	2.47	2.47	2.89


Program Coordinator



 15/10/2020
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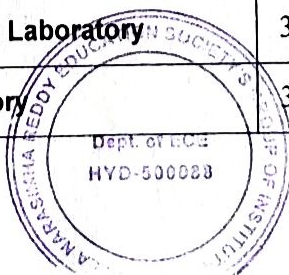
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School of Engineering
Electronics and Communication Engineering

Date: 15/10/25

Course Attainments for the Direct Assessment Tools 2021-2025

Course Code	Course Name	CO1	CO2	CO3	CO4	CO5
C110	Mathematics-I	1.30	0.15	0.25	0.45	0.60
C111	Applied Physics	0.55	0.25	0.25	0.35	0.35
C112	Programming for Problem Solving	1.30	0.15	0.25	0.45	0.60
C113	Engineering Graphics	0.55	0.25	0.25	0.35	0.35
C114	Applied Physics Laboratory	3.00	3.00	3.00	3.00	3.00
C115	Programming for Problem Solving Laboratory	3.00	3.00	3.00	3.00	3.00
C120	Mathematics-II	2.20	0.50	1.40	0.55	0.70
C121	Chemistry	1.85	0.60	0.45	0.45	0.45
C122	Basic Electrical Engineering	0.45	0.60	0.45	3.00	3.00
C123	Engineering Workshop	3.00	3.00	3.00	3.00	3.00
C124	English	0.60	1.30	2.70	0.90	2.55
C125	Engineering Chemistry Laboratory	3.00	3.00	3.00	3.00	3.00
C126	English Language and Communication Skills Laboratory	3.00	3.00	3.00	3.00	3.00
C127	Basic Electrical Engineering Laboratory	3.00	3.00	3.00	3.00	3.00
C210	Electronic Devices and Circuits	1.85	1.15	1.85	0.60	1.85
C211	Network Analysis and Transmission Lines	1.45	0.45	0.45	0.75	0.60
C212	Digital System Design	1.30	1.45	1.60	0.60	0.75
C213	Signals and Systems	2.85	2.55	1.15	1.45	1.85
C214	Probability Theory and Stochastic Processes	0.30	0.30	0.30	0.30	0.30
C215	Electronic Devices and Circuits Laboratory	3.00	3.00	3.00		
C216	Digital System Design Laboratory	3.00	3.00	3.00		



C217	Basic Simulation Laboratory	3.00	3.00	3.00		
C220	Laplace Transforms, Numerical Methods & Complex Variables	2.45	2.45	2.45	2.90	2.90
C221	Electromagnetic Fields and Waves	0.45	0.15	0.45	0.50	0.35
C222	Analog and Digital Communications	1.45	0.75	2.00	2.15	0.45
C223	Linear IC Applications	1.87	1.88	1.92	2.23	2.23
C224	Electronic Circuit Analysis	0.75	0.75	1.15	0.90	0.60
C225	Analog and Digital Communications Laboratory	3.00	3.00	3.00		
C226	IC Applications Laboratory	3.00	3.00	3.00		
C227	Electronic Circuit Analysis Laboratory	3.00	3.00	3.00		
C310	Microprocessors and Microcontrollers	2.70	3.00	2.85	2.70	2.70
C311	Data Communications and Networks	2.75	1.05	1.75	1.35	1.75
C312	Control Systems	2.00	1.85	1.30	1.45	1.45
C313	Business Economics & Financial Analysis	1.35	1.34	1.26	1.48	1.74
C316	Computer Organization & Operating Systems	0.35	1.05	0.35	1.05	1.75
C317	Microprocessors and Microcontrollers Laboratory	3.00	3.00	3.00		
C318	Data Communications and Networks Laboratory	3.00	3.00	3.00		
C319	Advanced Communication Skills Laboratory	3.00	3.00	3.00	3.00	3.00
C320	Antennas and Wave Propagation	2.00	1.60	2.85	3.00	2.30
C321	Digital Signal Processing	0.45	0.60	0.45	0.35	1.05
C322	VLSI Design	3.00	2.85	2.85	1.85	2.85
C325	Embedded System Design (PE-II)	2.85	2.70	2.55	3.00	2.85
C320	Data Base Management Systems (OE - I)	1.35	1.34	1.26	1.48	1.74
C326	Digital Signal Processing Laboratory	3.00	3.00	3.00	3.00	3.00
C327	e-CAD Laboratory	3.00	3.00	3.00		
C328	Scripting Languages Laboratory	3.00	3.00	3.00		
C410	Microwave and Optical Communications	1.85	2.55	2.70	2.70	2.70
C413	Digital Image Processing (PE-III)	2.15	2.70	2.20	2.75	2.45
C414	Biomedical Instrumentation (PE-IV)	0.75	0.90	0.75	0.75	0.45
C410	Python Programming (OE-II)	0.75	0.30	0.60	0.60	0.60
C417	Professional Practice, Law & Ethics	2.70	2.55	3.00	2.55	3.00

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C418	Microwave and Optical Communications Laboratory	3.00	3.00	3.00		
C419	Industrial Oriented Mini Project/Summer Internship	3.00	3.00	3.00		
C41A	Seminar	3.00	3.00	3.00		
C41B	Project Stage-I	3.00	3.00	3.00	0.00	
C422	Wireless Sensor Networks (PE-V)	2.70	3.00	1.85	2.00	2.15
C425	Low Power VLSI Design (PE-VI)	0.65	1.05	2.30	2.15	2.00
C420	Machine Learning (OE-III)	0.60	0.45	0.45	0.60	0.60
C426	Project Stage-II	2.60	3.00	2.17		
Average		2.09	1.96	2.01	1.66	1.79


Program Coordinator




HoD-ECE

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