

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF CYBER SECURITY ENGINEERING
CO ATTAINMENT FOR BATCH 2020-2024**

Semester	Course code	Course Name		Target	CO1	CO2	CO3	CO4	CO5
I	C101	EN20101	English Communication Skills I	50	78	79	82.3	84.5	86.3
	C102	MA20101	Matrices and Calculus	50	65.2	63.2	64	62	66
	C103	PH20101	Engineering Physics	50	68	69	64	67	68.2
	C104	CH20101	Engineering Chemistry	50	62.3	64.2	67.9	68.2	63.2
	C105	ME20101	Engineering Graphics	50	82.3	89.3	87.3	84.2	85.2
	C106	CS20102	Programming in C	50	80.2	84.3	82.1	78.2	73
	C107	CH20102	Chemistry Laboratory	50	92.3	94.2	84.2	85.6	NA
	C108	CS20104	Programming in C Laboratory	50	86.3	84.3	85.2	84.2	NA
II	C109	EN20201	English Communication Skills II	50	89.2	79.2	78.3	74.5	79.2
	C110	MA20201	Complex Variables and Differential Equations	50	63.4	72.3	74.1	75.2	77.3
	C111	PH20202	Physics for Information Science	50	73	72.3	74.6	74.2	77.5
	C112	EE20201	Basic Electrical Engineering	50	69.3	72.1	74.6	75.2	76
	C113	CS20202	Data Structures	50	78.2	77.3	74.2	71	65.2
	C114	MC20201	Environmental Science and Engineering	50	88.2	84.3	82.3	81.2	84.1
	C115	PH20205	Physics Laboratory	50	82.3	84.2	78	78.2	NA

	C116	GE20201	Engineering Practices Laboratory	50	78.2	74.2	75.6	74	NA
	C117	CS20204	Data Structures Laboratory	50	79.2	84.2	88.3	84.2	NA
III	C201	MA20303	Discrete Mathematics	50	61.80	61.57	66.85	66.70	66.62
	C202	CY20303	Object Oriented Programming	50	50.00	51.20	51.40	50.00	50.80
	C203	CY20301	Computer Networks	50	52.84	50.00	51.50	50.10	51.40
	C204	CY20302	Introduction to Cyberspace Operations and design	50	50.00	51.40	51.00	51.40	51.23
	C205	EC20309	Digital Principles and System Design	50	54.20	53.00	54.00	50.10	50.20
	C206	MC20301	Value Education	50	50.03	50.03	53.40	53.60	53.53
	C207	CY20304	OBJECT ORIENTED PROGRAMMING LABORATORY	50	80.2	84.3	82.1	78.2	73
	C208	CY20305	COMPUTER NETWORKS LABORATORY	50	79.2	84.2	88.3	84.2	NA
	C209	EC20309	DIGITAL LABORATORY	50	92.3	94.2	84.2	85.6	NA
IV	C210	MA20403	PROBABILITY AND STATISTICS	50	52.00	51.50	53.00	51.79	57.84
	C211	CY20401	CYBER LAWS AND ETHICS	50	50.00	50.40	56.40	59.02	67.17
	C212	CY20402	DATABASE MANAGEMENT SYSTEMS	50	50.00	50.70	55.50	57.06	53.00
	C213	CY20403	PYTHON PROGRAMMING	50	52.48	52.48	56.50	55.86	53.74
	C214	CY20404	CRYPTOGRAPHY AND NETWORK SECURITY	50	52.00	52.36	58.30	60.30	62.25
	C215	EC20409	COMPUTER ARCHITECTURE, MICROP	50	53.42	50.54	51.80	50.82	62.33

			PROCESSORS AND MICROCONTROLLERS						
	C216	CY20405	DATABASE MANAGEMENT SYSTEMS LABORATORY	50	82.3	84.2	78	78.2	70.50
	C217	CY20406	PYTHON PROGRAMMING LABORATORY	50	80.2	84.3	82.1	78.2	73
	C218	EN20401	ENGLISH PROFICIENCY COURSE LABORATORY	50	80.2	84.3	82.3	82.1	78.2



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