

Course Offering

Semester: FALL 2025

Program: BS Computer Engineering

S.#	Code	Course Title	Status	No of Sections	Pre-Req.	Co-Req.	Semester
1.	CPEG1113	Functional English	Humanities	1	Nil	Nil	1
2.	CPEG1513	Calculus and Analytical Geometry	Natural Sciences	1	Nil	Nil	1
3.	CPEG1312	Applied Physics	Natural Sciences	1	Nil	CPEG1311	1
4.	CPEG1311	Applied Physics Lab	Natural Sciences	1	Nil	CPEG1312	1
5.	CPEG1612	Applications of Information and Communication Technologies	Humanities	1	Nil	CPEG1611	1
6.	CPEG1611	Applications of Information and Communication Technologies Lab	Humanities	1	Nil	CPEG1612	1
7.	CPE1011	Engineering Drawing	Eng. Foundation	1	Nil	Nil	1
8.	CPEG1012	Islamic Studies	Humanities	1	Nil	Nil	1
9.	CPEG1212	Personal Grooming	Humanities	1	Nil	Nil	3
10.	CPE1011	Engineering Drawing	Eng. Foundation	2	Nil	Nil	3

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11.	CPEG2812	Civics and Professional Ethics	Humanities	1	Nil	Nil	3
12.	CPE2123	Object Oriented Programming	Eng. Foundation	1	CCPE1122	CPE2121	3
13.	CPE2121	Object Oriented Programming Lab	Eng. Foundation	1	CCPE1121	CPE2123	3
14.	CPE2233	Electronic Devices and Circuits	Eng. Foundation	1	CPE1213	CPE2231	3
15.	CPE2231	Electronic Devices and Circuits Lab	Eng. Foundation	2	CPE1211	CPE2233	3
16.	MCPE2053	Complex Variables and Transforms	Natural Sciences	1	CPEG1513	Nil	3
17.	CPE2052	Discrete Structures	Comp. & Info. Science	1	Nil	Nil	3
18.	CPEG2523	Probability and Statistics	Eng. Foundation	1	CPEG1513	Nil	5
19.	CPE2613	Signals and Systems	Eng. Foundation	1	MCPE2053	CPE2611	5
20.	CPE2611	Signals and Systems Lab	Eng. Foundation	1	MCPE2053	CPE2613	5
21.	CPE2323	Computer Architecture and Organization	Eng. Foundation	1	CPE2313	CPE2321	5
22.	CPE2321	Computer Architecture and Organization Lab	Eng. Foundation	1	CPE2311	CPE2323	5
23.	CPE3333	Microprocessors and Interfacing	CPE Core	1	CPE2313	CPE3331	5

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24.	CPE3331	Microprocessors and Interfacing Lab	CPE Core	1	CPE2311	CPE3333	5
25.	CPE4523	Software Engineering	CPE Core	1	Nil	Nil	5
26.	CPE4513	Database Management System	CPE Core	1	CCPE1122	CPE4511	7
27.	CPE4511	Database Management System Lab	CPE Core	1	CCPE1121	CPE4513	7
28.	CPE4523	Software Engineering	CPE Core	1	Nil	Nil	7
29.	CPE4353	Embedded Systems	CPE Depth Elective - I	1	CPE3333	CPE4351	7
30.	CPE4351	Embedded Systems Lab	CPE Depth Elective - I	1	CPE3331	CPE4353	7
31.	CPE4913	Design Project - I	CPE Core	1	90 Cr. Hrs	Nil	7
32.	HCPE4062	Project Management	Management Sciences	1	Nil	Nil	7