

ELECTRONICS AND COMPUTER ENGINEERING SCHEME AY 2024-25

SEMESTER - III							
Sr. No.	Course Category	Course Code	Title of the Course	L	T	P	Credits
1	Major	ECM-200	Data Structures using C++	3	0	0	3
		ECM-201	Data Structures Using C++ Lab	0	0	1	1
		ECM-202	Logic Design	3	0	0	3
		ECM-203	Logic Design Lab	0	0	1	1
2	Minor/IC/ PE	ECM-221	Integrated Electronics	3	0	0	3
		ECM-222	Integrated Electronics Lab	0	0	1	1
		OR					
		ECM-223	Communication Technology	3	0	0	3
		ECM-224	Communication Technology lab	0	0	1	1
3	Multi-disciplinary	SHM-234	Engineering Mathematics-II	3	0	0	3
4	AEC	AEC-251	*	0	0	2	2
5	SEC	ECM-241	Web Design	0	0	3	3
TOTAL				12	0	8	20

* AEC Courses shall be notified by the University based on the recommendations of respective Board of Studies in languages.

SEMESTER - IV								
Sr. No	Course Category	Course Code	Title of the Course		L	T	P	Credits
1	Major	ITH-204	Object oriented Programming using JAVA		2	0	0	2
		ITH-205	Object oriented Programming using JAVA Lab		0	0	2	2
		ECM-204	Database Management Systems		3	0	0	3
		ECM-205	Database Management Systems Lab		0	0	1	1
		ECM-206	Microcontrollers and Interfacing		3	0	0	3
		ECM-207	Microcontrollers and Interfacing Lab		0	0	1	1
		ECM-208	Engineering Mathematics-III		3	1	0	4
2	Professional Electives	ECM-225	Computer Graphics		3	0	0	3
		ECM-226	Computer Graphics Lab		0	0	1	1
		OR						
		ECM-227	Introduction to Artificial Intelligence		3	0	0	3
		ECM-228	Introduction to Artificial Intelligence Lab		0	0	1	1
TOTAL				14	1	5	20	