

**Curriculum for UG Degree Course in B. Tech. Electronics and
Telecommunication Engineering
(Academic Year: 2025-26 Onwards)**

Semester-V

Course Code	Course Title	Teaching Scheme Hours / Week			Cr	Examination Scheme			Total Marks
		L	T	P		ISE	ESE	Pr/Or	
23PCEC501	VLSI Design	3	0	0	3	50	50	0	100
23PCEC502	Digital Image Processing	2	0	0	2	25	25	0	50
23PCEC503	Digital Signal Processing	3	1	0	4	50	50	0	100
23PCEC504	Microcontroller and Applications	3	0	0	3	50	50	0	100
23PEEC501	Programme Elective-I	3	0	0	3	50	50	0	100
23MmEC501	Biomedical Signal Acquisition and Data Analysis	3	0	0	3	50	50	0	100
23PCEC501L	VLSI Design Lab	0	0	2	1	25	0	25	50
23PCEC503L	Microcontroller and Applications Lab	0	0	2	1	25	0	25	50
23PEEC501L	Programme Elective-I Lab	0	0	2	1	25	0	25	50
23MmEC501L	Biomedical Signal Acquisition and Data Analysis Lab	0	0	2	1	25	0	25	50
Total =		17	01	08	22	375	275	100	750

L=Lecture, T=Tutorial, P= Practical, Cr= Credits, ISE =In Semester Evaluation, ESE =End Semester Examination, Pr/Or = Practical/Oral

Programme Elective-I		Programme Elective-I Lab	
23PEEC501A	DBMS	23PEEC501LA	DBMS Lab
23PEEC501B	Mobile communication	23PEEC501LB	Mobile Communication Lab
23PEEC501C	Internet of Things	23PEEC501LC	Internet of Things Lab
23PEEC501D	Introduction to Hydraulic Systems	23PEEC501LD	Introduction to Hydraulic Systems Lab


APPROVED BY
Secretary Academic Council
MKSSS's Cummins College of Engineering
For Women, Pune-411052




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For Women, Pune-411052