

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

**Semester-VI**

Course Code	Course Title	Teaching Scheme Hours / Week			Cr	Examination Scheme			Total Marks
		L	T	P		ISE	ESE	Pr/Or	
23PCEC601	Broadband Communication Systems	3	0	0	3	50	50	0	100
23PCEC602	Embedded Processors	3	0	0	3	50	50	0	100
23PCEC603	Artificial Intelligence	3	0	0	3	50	50	0	100
23PCEC604	Computer Networks	3	0	0	3	50	50	0	100
23PEEC601	Programme Elective-II	3	0	0	3	50	50	0	100
23MmEC601	Deep Learning in Healthcare	2	0	0	2	25	25	0	50
23PCEC602L	Embedded Processors Lab	0	0	2	1	25	0	25	50
23PCEC603L	Artificial Intelligence Lab	0	0	2	1	25	0	25	50
23PEEC601L	Programme Elective-II Lab	0	0	2	1	25	0	25	50
23VSECEC601L	Java Programming Lab	0	0	4	2	25	0	25	50
Total =		17	00	10	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-II		Programme Elective-II Lab	
PECEC601A	Control and Automation	PECEC601LA	Control and Automation Lab
PECEC601B	Electromagnetic Waves and Radiating Systems	PECEC601LB	Electromagnetic Waves and Radiating Systems Lab
PECEC601C	Robotics	PECEC601LC	Robotics Lab
PECEC601D	Power Electronics	PECEC601LD	Power Electronics Lab

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

  
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