



**TECHNO INDIA UNIVERSITY**  
WESTBENGAL

# **Syllabus for 4-Years B.Tech. in Electronics & Communication Engineering**



**Department of Electronics & Communication  
Engineering**

**Techno India University, West Bengal  
EM-4, EM Block, Sector V, Bidhannagar, Kolkata -  
700091, West Bengal**



## Course Curriculum

### SIXTH SEMESTER

Sl. No.	Code	Subject	Contacts Hrs./Week			Credits
			L	T	P	
<b>A. Theory</b>						
1	TIU-OE-UEC-S32101A	Career Advancement & Skill Development-VI : Elective IV	0	0	2	1
2	TIU-ES-UEC-T32101	Digital Communication	3	0	0	3
3	TIU-ES-UEC-T32102	Digital Signal Processing	3	1	0	4
4	TIU-OE-Uxx-E32101	Elective - I	3	0	0	3
5	TIU-ES-UEC-T32103	VLSI Design	3	0	0	3
6	TIU-ES-UEC-T32104	Embedded Systems	3	0	0	3
<b>B. Practical</b>						
1	TIU-ES-UEC-L32101	Digital Communication Lab	0	0	3	1.5
2	TIU-ES-UEC-L32102	Digital Signal Processing Lab	0	0	3	1.5
3	TIU-ES-UEC-L32103	VLSI Design Lab	0	0	3	1.5
4	TIU-ES-UEC-L32104	Embedded Systems Lab	0	0	3	1.5
<b>C. Sessional</b>						
1	TIU-HSM-UES-S32191	Entrepreneurship Skill Development	0	0	2	1
<b>Total Credits</b>						<b>24</b>



**Elective- I**

1. TIU-OE-UEC-E32101B: Microwave and Antenna
2. TIU-OE-UEC-E32101C: Wireless Communication and Networks . .
3. TIU-OE-UEC-E32101E: Information Theory and Coding

**Career Advancement & Skill Development –VI :**

**Elective IV:**

- i). TIU-OE-UEC-S32101A: Employment Mentorship & Grooming -1/
- ii).AICTEEduskills Internship