



**4-Years Bachelor of Technology (B.Tech.) Curriculum for  
Electronics and Communication Engineering (ECE)**

**SEVENTH SEMESTER**

Sl. No.	Code	Subject	Contacts			Credits	Page No.
			L	T	P		
A. Theory							
1	TIU-UEC-S403	Career Advancement & Skill Development-VII-Managerial Commerce	2	0	0	2	83
2	TIU-UEC-E405	Elective - II ( RF & Microwave Engineering )	3	0	0	3	84
3	TIU-UEC-E407 B	Elective – III(Embedded Systems)	3	0	0	3	88
4	TIU-UCS-E427	Elective–IV ( Artificial Intelligence and Soft Computing)	3	0	0	3	92
B. Practicals							
1	TIU-UEC-L405	Elective - II Lab(RF & Microwave Lab)	0	0	3	1.5	98
C. Sessionals							
1	TIU-UEC-P401	Project - I	0	2	4	4	
2	TIU-UES-S499	Entrepreneurship Skill Development	0	0	2	2	

Total	18.5	
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**Elective - II**

TIU-UEC-E40#: RF and Microwave Engineering TIU-

UEC-E40#: Digital Image and Video Processing

**TIU-UEC-E40#: Electronic Measurement and Instrumentation Elective - III**

**TIU-UEC-E40#: Power Electronics**

**TIU-UEC-E40#: Adaptive Signal Processing TIU-UEC-**

**E40#: Embedded Systems Elective - IV (Open  
Elective)**

**TIU-UES-E40#: Object Oriented Programming TIU-UES-**

**E40#: Database Management System**

**TIU-UES-E40#: Artificial Intelligence and Soft Computing TIU-UES-**

**E40#: Internet of Things**

**TIU-UES-E40#: Operations Research**