



**TECHNO INDIA UNIVERSITY**

**W E S T B E N G A L**

**CURRICULUM FOR 2 YEARS M.TECH IN ELECTRICAL  
ENGINEERING**



**SPECIALIZATION: INSTRUMENTATION**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

**Techno India University, West Bengal**

**EM-4, EM Block, Sector V, Bidhannagar,**

**Kolkata -700091, West Bengal**



# TECHNO INDIA UNIVERSITY

W E S T B E N G A L

## First Semester

Sl No.	Subject Code	Subject	Periods per week			Credits
			L	T	P	
<b>Theory</b>						
1	TIU-PEE-T105	ADVANCED CONTROL SYSTEMS	3	1	0	4
2	TIU-PEE-T109	ADVANCED INSTRUMENTATION TECHNIQUES	3	1	0	4
3	TIU-PEE-T111	DIGITAL INTEGRATED CIRCUIT DESIGN	3	1	0	4
4	TIU-PEE-T115	SOFT COMPUTING	3	1	0	4
5.	TIU-PMA-T115	ADVANCED NUMERICAL ANALYSIS	3	1	0	4
<b>Practical</b>						
1	TIU-PEE-L107	DIGITAL SIGNAL PROCESSING LAB	0	0	3	2
2	TIU-PEE-S101	SEMINAR	0	0	3	2
<b>Sessional</b>						
1	TIU-PES-S199	ENTREPRENEURSHIP SKILL DEVELOPMENT	-	-	-	2
<b>Total Credits</b>						<b>26</b>



# TECHNO INDIA UNIVERSITY

W E S T B E N G A L

## Second Semester

Sl. No.	Subject Code	Subject	Contacts			Credits
			L	T	P	
<b>Theory</b>						
1.	TIU-PCS-T120	MACHINE LEARNING	3	1	0	4
2.	TIU-PEE-T108	RELIABILITY ENGINEERING	3	1	0	4
3.	TIU-PEC-T108	ADVANCED DIGITAL SIGNAL PROCESSING	3	1	0	4
4.	TIU-PEE-T114	PROCESS INSTRUMENTATION AND CONTROL	3	1	0	4
5.	TIU-PEE-T112	BIOMEDICAL INSTRUMENTATION	3	1	0	4
<b>Practical</b>						
1	TIU-PEE-L124	TERM PAPER LEADING TO THESIS	0	0	3	2
2	TIU-PEE-S102	SEMINAR	0	0	3	2
<b>Sessional</b>						
1	TIU-PES-S198	ENTREPRENEURSHIP SKILL DEVELOPMENT	-	-	-	2
<b>Total Credits</b>						<b>26</b>



# TECHNO INDIA UNIVERSITY

W E S T B E N G A L

## Third Semester

Subject Code	Subject	Contacts			Credits
		L	T	P	
TIU-PEE-P299	Thesis Work	0	0	6	3
TIU-PEE-G299	Viva-Voce on Thesis	0	0	6	3
Total					6



# TECHNO INDIA UNIVERSITY

W E S T B E N G A L

## Fourth Semester

Subject Code	Subject	Contacts			Credits
		L	T	P	
TIU-PEE-P298	Thesis Work	0	0	6	3
TIU-PEE-G298	Viva-Voce on Thesis	0	0	6	3
Total					6