



**UTTARAKHAND BOARD OF TECHNICAL EDUCATION**  
**JOINT ENTRANCE EXAMINATION AND TRAINING, RESEARCH DEVELOPMENT CELL, DEHRADUN**  
**STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME**

**BRANCH NAME – ELECTRONICS & COMMUNICATION ENGINEERING**

**SEMESTER – IV**

Subject Code	Subject	L	T	P	T O T	EVALUATION SCHEME						Total Marks	Credit Point
						Internal		External					
						Theory		Theory		Practical			
						Max Marks	Max Marks	Max Marks	Hrs.	Max Marks	Hrs.		
Period/Weeks	Max Marks	Max Marks	Max Marks	Hrs.	Max Marks	Hrs.							
094002	Electronics Circuits	4	-	4	8	25	20	75	2.5	50	3.0	170	5
094005	Microprocessor and its Applications	3	1	4	8	25	20	75	2.5	50	3.0	170	5
094001	Electronic Measuring Instruments	4	-	4	8	25	20	75	2.5	50	3.0	170	5
094003	Network Filters and Transmission Lines	4	1	4	9	25	20	75	2.5	50	3.0	170	5
094004	Signal Sensing and Conditioning	4	-	2	6	25	20	75	2.5	50	3.0	170	5
094006	Electronics Workshop Cum-Minor Project	-	-	5	5	-	20	-	-	80	3.0	100	3
094052	Industrial Exposure (Assessment at Inst. Level)+	-	-	-	-	-	25	-	-	-	-	25	1
014054	General Proficiency #	-	-	4	4	-	25	-	-	-	-	25	1
094053	Industrial Training	Industrial Training of 30 days done after 4th Semester would be evaluated in 5th Semester through Report and Viva-voce.										-	
<b>Total</b>		<b>19</b>	<b>2</b>	<b>27</b>	<b>48</b>	<b>125</b>	<b>170</b>	<b>375</b>	<b>-</b>	<b>330</b>	<b>-</b>	<b>1000</b>	<b>30</b>

# Student Centered Activities will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS and cultural activities and discipline etc.

+ Industrial visit compulsory at minimum 2 Industries or Department.

**Note:** 1- Each period will be 50 minutes. 2- Each session will be of 16 weeks. 3- Effective teaching will be at least 12.5 weeks.

**Branch Code - 30**