

**Semester : Fourth**

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA				
															Max	Min	Max	Min	Max	Min	Max	Min	
						Max	Max	Max	Min	Max			Min	Max	Min	Max	Min	Max	Min	Max	Min	Total Marks	
<b>(All Compulsory)</b>																							
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314303	2	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	DIGITAL COMMUNICATION	DCS	DSC	314302	0	4	-	4	2	10	5	3	30	70	100	40	50	20	25#	10	25	10	200
3	CONSUMER ELECTRONICS	CEL	DSC	314301	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
4	MICROCONTROLLER & APPLICATIONS	MAA	DSE	314304	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
5	BASIC POWER ELECTRONICS	BPE	DSC	324301	0	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
6	ELECTRONIC EQUIPMENT MAINTENANCE & SIMULATION	MEE	SEC	314001	0	-	-	4	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50
<b>Total</b>					<b>2</b>	<b>16</b>	<b>0</b>	<b>18</b>	<b>6</b>	<b>40</b>	<b>20</b>		<b>150</b>	<b>350</b>	<b>500</b>		<b>150</b>		<b>125</b>		<b>125</b>		<b>900</b>

**Abbreviations :** CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

**Legends :** @ Internal Assessment, # External Assessment, \*# On Line Examination , @\$ Internal Online Examination

**Note :**

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.\* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. \* Self learning hours shall not be reflected in the Time Table.
7. \* Self learning includes micro project / assignment / other activities.

**Course Category :** Discipline Specific Course Core (DSC) : 3, Discipline Specific Elective (DSE) : 1, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 0, Skill Enhancement Course (SEC) : 1, Generic Elective (GE) : 0