Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme — Actual Contact Hrs./Week — CL	TL	LL	Self Learning (Activity/Assignment/Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory FA-TH Max	Theory SA-TH Max	Theory Total Max	Theory Total Min	Based on LL & TL — Practical FA-PR Max	FA-PR Min	SA-PR Max	SA-PR Min	Based on Self Learning SLA Max	SLA Min	Total Marks
(All Compulsory)																							
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314303	2	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	JAVA PROGRAMMING	JPR	AEC	314306	0	4	1	4	1	10	5	3	30	70	100	40	25	10	50#	20	25	10	200
3	DATA COMMUNICATION AND COMPUTER NETWORK	DCN	DSC	314327	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
4	INFORMATION SECURITY	INS	AEC	314330	0	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
5	PYTHON PROGRAMMING	PWP	AEC	314015		1	1	4	-	6	3	-	-	-	-	-	50	20	50#	20	-	-	100
6	INTERNET OF THINGS	IOT	SEC	314016	0	1	-	4	1	6	3	-	-	-	-	-	25	10	25@	10	25	10	75
	Total				2	15	2	18	5	40	20		120	280	400		150		175		125		850

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) : 1, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 3, Skill Enhancement Course (SEC) : 1, GenericElective (GE) : 0