T.E. Semester –V (E&TC)
Choice Based Credit Grading Scheme with Holistic and Multidisciplinary Education (CBCGS-HME 2020)
TCET Autonomy Scheme (w.e.f. A.Y. 2022-23)

Sr. No.	Course Code	Course Title	Theory	Tutorial	Practical	Contact Hours	Credits	ISE	IE	ESE	PR/OR	TW	Total
	Course Description		**Teaching Scheme (Program Specific)** — **Modes of Teaching/Learning/Weightage**					**Examination scheme** — **Modes of Continuous Assessment/Evaluation**					
			Hours Per Week					**Theory (100)**			**Practical/ Oral (25)**	**Term Work (25)**	
								IA		**ESE**	**PR/OR**	**TW**	
1.	HSMC-ETC501	Soft Skills and Interpersonal Communication	3	-	-	3	3	20	20	60	-	-	100
2.	PCC-ETC501	Discrete Time Signal Processing	3	1	-	4	4	20	20	60	-	25	125
3.	PCC-ETC502	Microcontrollers and Applications	3	-	2	5	4	20	20	60	25	25	150
4.	PCC-ETC503	Basics of Communication Systems	3	-	2	5	4	20	20	60	25	25	150
5.	PEC-ETC501X	Professional Elective I @	3	-	2@	5	4	20	20	60	25	25	150
		Total	**15**	**1**	**6**	**22**	**19**	**Total marks (Academic)**					**675**

| | **Course Description** | | **Non Credited Mandatory Course** (Passing is mandatory for this course) | | | | | | | | | **TW** | |
| 1 | MC-ETC501 | Indian Constitution | 1 | - | - | 1 | (Non-Credit) | - | | | | 25 | **25** |

| | **Course Description** | | **Contact Hrs. during Weekend / Semester Break/ End of Semester (Between 21st and 25th Week)** | | | | | | | | | | |
| 1 | SI-ETC501 | Summer Internship | - | - | – | 160 * | – | - | - | - | - | - | - |

| | **Course Description** | | **Contact Hrs. during Weekend / Semester Break/ End of Semester (Between 21st and 25th Week) / During Semester** | | | | | | | | | | |
| 1 | AP-ETC501 | Activity Points | - | - | - | 48# | - | - | - | - | - | - | - |

Sr. No.	Course Code	Course Description	Theory	Tutorial	Practical	Contact Hours	Credits	Presentation AC		Report AC			Total
			Teaching scheme (Holistic and Multidisciplinary Education - HME) (Conducted in the beginning of the semester during first 3 weeks)					**Assessment/Evaluation Scheme**					
								Presentation		**Report**			
								AC		**AC**			
1.	ESD-ETC501	Employability Skill Development III	-	-	30	30	1	Based on Parameters Decided by Training and Placement Cell					50
2.	HME-ETCPS501	Professional Skills V	15	-	30	45	2	50		25			75
3.	HME-ETCPBL501	Project Based Learning III	-	-	30	30	1	25		-			25
4.	HME-ETCABL501	Research Based Learning I	-	-	30	30	1	25		25			50
		Total	**15**	**-**	**120**	**135**	**5**	**Total marks (HME)**					**200**
		Total					**24**	**Grand Total marks**					**900**

Professional Elective I	
Course Code	**Course name**
PEC-ETC5011	Microelectronics
PEC-ETC5012	Satellite Communication
PEC-ETC5013	Data Structures

IA- In-Semester Assessment, ESE- End Semester Examination, PR- Practical Examination, TW – Term Work Examination, OR- Oral Examination, AC- Activity Evaluation

Guidelines for the Semester:

1. For continuous evaluation, examination shall be conducted under two heads: IA – In-Semester Assessment, ESE – End Semester Examination. Under IA, 20 marks of ISE (In-Semester Examination) shall be conducted for 1 hour. 20 marks of IE (Innovative Examination) shall also be conducted under IA. ESE shall be conducted for 60 marks with duration of 2 hours

2. * Under the head of Summer Internship, student can complete internship from winter to summer with 160 hours and acquire 4 credits till the end of Sixth Semester. Following activities should be considered for Summer Internship: -

Participation in Hackathon, Development of new Product/ Business Plan / Registration of start-up, Participation in IPR workshop/Leadership talks/Idea/ Design / Innovation/Technical Expos, Internship with Industry / Govt. / NGO/ PSU/MSME/Online Internship, Long Term Goals under Rural Internship.

Student will get 1-year span to acquire the credits. Students should collectively acquire total contact hours in below given activities in a span of 1 year.

For Above Activities mentioned, if student is a part of Organizing Committee or participating in a Competition at University/ State/ National/ International Level then it will be considered as Internship else it will be considered as Activity Points.

3. # As per AICTE, Student must earn 100 Points by participating in 400 Hrs. of activities during 4 years of Engineering. After Completing 48 hrs. of Activities, Students can earn 12 Points. This Points will not be reflected in Grade Card. Separate transcript will be issued to students after completion of Final Year.