

TCET DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE (E&CS) (Accredited by NBA for 3 years, 3rd Cycle Accreditation w.e.f. 1st July 2022) Choice Based Credit Grading System (CBCGS) Under TCET Autonomy

T.E. Semester –V (Electronics and Computer Science)

Choice Based Credit Grading Scheme with Holistic Multidisciplinary Education (CBCGS- HME 2020)

Estd. 2001

TCET Autonomy Scheme (w.e.f. A.Y. 2023-24)

Course Description			Teaching Scheme (Program Specific)					Examination scheme						
			Modes of Teaching / Learning / Weightage					Modes of Continuous Assessment / Evaluation						
Sr. No.	Course Code	Course Title	Hours Per Week					Theory (100/50)		Practical/Or al (25)	Term Work (25)			
							Credits	(40/20) IA		(60/30)			Total	
			Theory	Tutorial	Practical	Contact Hours		IA ISE	A IE	ESE	PR/OR	TW		
1	HSMC-ECS501	Soft skills and Interpersonal Communication	3	-	-	3	3	20	20	60	-	-	100	
2	PCC-ECS501	Theory of Computer Science	3	-	2	5	4	20	20	60	25	25	150	
3	PCC-ECS502	Microcontrollers and Applications	3	-	2	5	4	20	20	60	25	25	150	
4	ESC-ECS501	Web Technologies	3	-	2	5	4	20	20	60	25	25	150	
5	PEC-ECS501X	Professional Elective 1	3	-	2@	5	4	20	20	60	25	25	150	
		Total	15	-	8	23	19				Total 1	narks	700	
	Cour	se Description	Non-Credited Mandatory Course (Passing is ma						andatory for this course)					
1	MC-ECS501	Indian constitution	1	-	-	1	(Non Credit)	-				25	25	
		se Description	Contact Hrs. during Week End / Semester Break/ End of Seme						ester (Between 21 st and 25 th Week)					
1	i Briesson Summer Internants			160 * - 240* -									-	
		se Description	Contact Hrs. during Week End / Semester Break/ End of Seme											
1	1 AP-ECS501 Activity Points			<u> </u>										
	G		Teaching scheme (Holistic Multidisciplinary Education -					Assessment/Evaluatio						
	Course Description			HME) (Conducted in the beginning of Semester during first 3 Weeks)					Presentation AC			Report AC		
1		Employability Skill Development - III	-	-	30	30	1	Based on Parameters D				50		
2	HME- ECSPS501	Professional Skill V(Industry / Research /Entrepreneurship)	15	-	30	45	2	50		25		75		
3	HME- ECSPBL501	Project Based Learning - III	-	-	30	30	1	25		-		25		
4	HME- ECSRBL501	Research Based Learning-I	-	-	30	30	1	25		25		50		
		Total	15	-	120	135	5			Total marks		200		
		Tota					24			Grand Total marks:		925		



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Under TCET Autonomy

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

PROFESSIONAL ELECTIVE I								
Course Code	Course name	Domain						
PEC-ECS5011	Advance Digital Communication	1						
PEC-ECS5012	Virtual Instrumentation	2						
PEC-ECS5013	Internet Programming	3						
PEC-ECS5014	Advanced Database Management System	4						
PEC-ECS5015	Artificial Intelligence and Machine Learning	5						

* This is part of Summer Internship but can start in winter. Students may go upto 240 hrs. to acquire maximum 6 credits in Semester 6.

Total hrs. mentioned should be completed till end of Semester 4. Credits will be awarded at the end of 6th Semester and will be reflected in the Grade Card of 6th Semester.

Student will get 1 year span to acquire the credits. Students should collectively acquire total contact hrs in below given activities in a span of 1 year. Student will submit a report to earn Term work marks in internship.

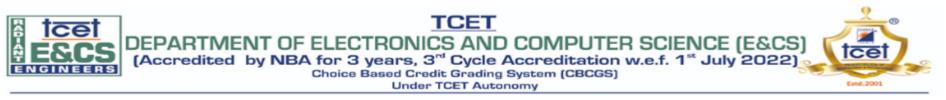
Following activities should be considered for Summer Internship: -

1) Participation in inhouse internship at the end of 5th and 6th Semester of 2 week each.

2) Other activity which also will be considered are: 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

Note:- For Above Activities mentioned in point 2, if Student is part of Organizing Committee or Participating a Competition at University/State/National/international Level then it will be considered as Internship else it will be considered as Activity Points.

(a) As per AICTE, Students has to 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.



Chairman BOS

Vice-Principal

Principal