

S.E. Semester –IV / B.E. (E&CS)
Choice Based Credit Grading Scheme with Holistic and Multidisciplinary Education (CBCGS-HME 2023)
Proposed TCET Autonomy Scheme (w.e.f. A.Y. 2023-24)

Course Description			Teaching Scheme (Program Specific)					Examination scheme					
Sr. No.	Course Code	Course Title	Modes of Teaching / Learning / Weightage					Modes of Continuous Assessment / Evaluation					
			Hours Per Week				Credits	Theory (100/50)			Practical / Oral / Presentation (25)	Term Work (25)	Total
			Theory	Tutorial	Practical	Contact Hours		40/20		60/30			
								IS	IE	ESE	PR/OR	TW	
1	BSC- ECS 401	Mathematics-IV	3	1	-	4	4	20	20	60	-	25	125
2	PCC- ECS 401	Communication Engineering	3	-	2	5	4	20	20	60	25	25	150
3	PCC- ECS 402	Microprocessor and Computer Organization	3	-	2	5	4	20	20	60	25	25	150
4	PCC-ECS403	Data Structures and Algorithm	3	-	2	5	4	20	20	60	25	25	150
Total			12	1	6	19	16	Total marks (Academic)					575
Course Description			Non Credited Mandatory Course (Passing is mandatory for this course)					Term Work					
1	MC-401	Environmental Studies	-	-	-	-	(Non Credit)	-			25	25	
Course Description			Contact Hrs. during Week End / Semester Break/ End of Semester(Between 21 st and 25 th Week)					Term Work					
1	SI- ECS 401	Summer Internship	-	-	-	120*	3	-	-	-	50	50	
Course Description			Contact Hrs. during Week End / Semester Break/ End of Semester (Between 21 st and 25 th Week)/During Semester										
1	AP- ECS 401	Activity Points	-	-	-	52@	-	-	-	-	-	-	
Course Description			Teaching scheme (Holistic and Multidisciplinary Education-HME) (Conducted in the beginning of Semester during first 3 Weeks)					Assessment/Evaluation Scheme					
								Presentation		Report	Term Work		
								AC		AC			
1	HME –ECSPS401	Professional Skills IV (Dept Specific Skill)	-	-	2	2	1	15		10	25		
2	HME –IP401	Industry Practise-IV (Employability Skills)	-	-	2	2	1	15		10	25		
3	HME -ABL401	Activity Based Learning	-	-	2	2	1	15		10	25		
Total			-	-	6	6	3	Total marks (HME)			75		
Total			12	1	12	25	22	Grand Total marks					725

Guidelines for the Semester:

1. During Academic conduct, practical load shall be conducted in batches.
 2. 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.
 3. Three In-Semester Examinations (ISE) will be conducted during each semester.. Three. In-Semester Examination (ISE) will be conducted during each semester Average of Three exam will be considered and passing is mandatory in ISE 3.
 4. Innovative Examination (IE) will be accessed based on the project report with presentation.
 5. Professional Skills & Industry Practice-IV activity will run in the form of integrated theory and practical course & syllabus is linked with level 6 of NSQF.
 6. Activity Based Learning-I activity will run in the form of integrated theory and practical course.
 7. * Under the head of Summer Internship, student can complete internship from winter to summer with 120 hours and acquire 3 credits till the end of Semester 4. The summer Internship will be conducted in the form of in-house internship which is mandatory for all students in summer semester break. Credits will be awarded at the end of 4th Semester and will be reflected in the Grade Card of 4th Semester. Student will get 1-year span to acquire the credits and complete total contact hours. Student shall submit a report to earn Term work marks in internship.
 - **Following activities should be considered for Summer Internship: -**
 - a. Participation in inhouse internship at the end of 3rd and 4th Semester of 2 week each.
 - b. 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.
8. @ As per AICTE, Students has to earn 100 Points by participating in 400 Hrs. of activities during 4 years of Engineering. After Completing 52 hrs. of Activities, Students can earn 13 Points. This Points will not be reflected in Grade Card. Separate transcript will be issued to students after completion of Final Year.
 - 9.

Dr. Hemanat Kasturiwale

Chairman BOS

Dr. Kamal Shah

Vice-Principal

Dr. B. K. Mishra

Principal