

Semester-I / B.E. (IT / E&TC / MECH / MME) / B.Tech. (AI&ML)

Choice Based Credit Grading Scheme with Holistic and Multidisciplinary Education (CBCGS-HME 2020) Proposed TCET Autonomy Scheme (w.e.f. A.Y. 2022-23)

Course Description			Teaching Scheme (Academic)					Examination scheme (Academic)					
			Modes of Teaching / Learning / Weightage					Modes of Continuous Assessment /Evaluation					
Sr. No.	Course Code	Course Title	Hours Per Week					Theory (100/50)		Practical/Oral/ Presentation (25)	Term Work (25)	Total	
								40/20	60/30				
			Hours Per Week			Contact Hours	Credits	IA		ESE	PR / OR		TW
Theor y	Tutoria l	Practica l	ISE	IE									
1	BSC102	Chemistry	3	1	2	6	5	20	20	60	25	25	150
2	BSC103	Mathematics-I	4	1	-	5	5	20	20	60	-	25	125
3	ESC103	Programming for Problem Solving	3	-	2	5	4	20	20	60	25	25	150
4	ESC102	Engineering Graphics& Design	2	-	4	6	4	20	20	60	25	25	150
5	ESC105	Workshop & Manufacturing Practices-I	1	-	2	3	2	10	10	30	25	-	75
		Total	13	2	10	25	20	Total marks (Academic)					650
Course Description				Non-Credit Mandatory Course (Passing is mandatory for this course)								Term Work	
1	MC101	Induction Training Program	2	-	-	2	(Non-credit)	-				25	25
Course Description				Contact Hrs. During Week End / Semester Break/ End of Semester (Between 21st and 25thWeek)/During Semester									
1	SI101	Summer Internship	Internship will be conducted inthe semester break			120*	-	-				-	-
Course Description			Contact Hrs. During Week End / Semester Break/ End of Semester (Between 21st and 25thWeek)/During Semester										
1	AP101	Activity Points	-			48@	-	-				-	-
Course Description			Teaching scheme (Holistic and Multidisciplinary Education - HME)					Presentation				Report	TermWork
1	HME-PS 101	Professional Skills-II (Aptitude / Logic Building)	-	-	2	2	1	-	-	-	50	25	75
2	HME-ABL 101	Activity Based Learning-I (Yoga Practice& Society Outreach-I)	-	-	2	2	1	-	-	-	50	25	75
		Total	-	-	4	4	2	Total marks (HME)					150
Total			15	2	14	29 + 2 = 31	22	Grand Total marks:					825

• **Guidelines for the Semester:**

1. Student Induction Training program shall be conducted for one week before the start of first semester and 2 weeks during the semester with regular timetable.
2. During Academic conduct, practical load shall be conducted in batches.
3. For continuous evaluation, examination shall be conducted under two heads: IA – In-Semester Assessment, ESE – End Semester Examination. Under IA, 20 / 10 marks of ISE (In-Semester Examination) shall be conducted for 1 hour / 45 minutes and Engineering Graphics & Design shall be conducted for 20 marks with duration of 1.5 hours. Under IA, 20 / 10 marks of IE (Innovative Examination) shall also be conducted. ESE shall be conducted for 60 / 30 marks with duration of 2 hours / 1 hour and Engineering Graphics & Design shall be conducted for 60 marks with duration of 3 hours.
4. Professional Skills-II and Activity Based Learning-I activities will run in the form of integrated theory and practical course.
5. * 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 Second Semester. Credits will be reflected in the Grade Card of Second 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.
6. Other activities shall also be considered are: Workshop/ Training, Festival (Technical/Business/Others) Events, Contribution in Incubation/ Innovation / Entrepreneurship Cell/ Institutional Innovation Council, Learning at Departmental Lab/Tinkering lab/Institutional Workshop.
7. For Above Activities mentioned in point 6, 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.
8. @ As per AICTE, Student has to earn 100 Activity Points by participating in 400 Hrs. of activities during 4 years of Engineering. After completing 48 hrs. of Activities, Students can earn 12 Points. These Points shall not be reflected in Grade Card. Separate transcript shall be issued to students after completion of Final Year.

Semester-II / B.E. (IT / E&TC / MECH / MME) / B.Tech. (AI&ML)

Choice Based Credit Grading Scheme with Holistic and Multidisciplinary Education (CBCGS-HME 2020) Proposed TCET Autonomy Scheme (w.e.f. A.Y. 2022-23)

Course Description			Teaching Scheme (Academic)					Examination scheme (Academic)						
			Modes of Teaching / Learning / Weightage					Modes of Continuous Assessment / Evaluation						
Sr. No.	Course Code	Course Title	Hours Per Week					Theory (100/50)		Practical/Oral/ Presentation (25)	Term Work (25)	Total		
			Hours Per Week			Contact Hours	Credits	40/20					60/30	
			Theory	Tutorial	Practical			IA		ESE	PR / OR		TW	
1	BSC101	Physics	3	1	2	6	5	20	20	60	25	25	150	
2	BSC104	Mathematics-II	3	1	-	4	4	20	20	60	-	25	125	
3	ESC101	Basic Electrical Engineering	3	1	2	6	5	20	20	60	25	25	150	
4	ESC104	Engineering Mechanics	3	-	2	5	4	20	20	60	25	25	150	
5	ESC106	Workshop & Manufacturing Practices-II	-	-	2	2	1	-	-	-	25	-	25	
6	HSMC101	English for Professional Communication	2	-	2	4	3	20	20	60	25	-	125	
		Total	14	3	10	27	22	Total marks (Academic)					725	
Course Description			Conduction Scheme					Presentation				Report	TermWork	
1	SI201	Summer Internship	Internship will be conducted in the semester break				120*	3*	10				15	25
Course Description				Contact Hrs. During Week End / Semester Break/ End of Semester (Between 21st and 25th Week)/During Semester										
1	AP201	Activity Points					52@	-	-				-	-
Course Description			Teaching scheme (Holistic and Multidisciplinary Education - HME)					Presentation				Report	TermWork	
1	HME-PS201	Professional Skills-I (Life / Presentation Skills)	-	-	2	2	1	-	-	-	50	25	75	
2	HME-ABL201	Activity Based Learning- II (Yoga Practice& Society Outreach-II)	-	-	2	2	1	-	-	-	50	25	75	
		Total	-	-	4	4	2	Total marks (HME)					150	
Total			14	3	14	31	27	Grand Total marks:					900	

• **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. Professional Skills-I and Activity Based Learning-II activities will run in the form of integrated theory and practical course.
4. * 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 Second Semester. 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 reflected in the Grade Card of Second 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.
5. Other activities shall also be considered are: Workshop/ Training, Festival (Technical/Business/Others) Events, Contribution in Incubation/ Innovation / Entrepreneurship Cell/ Institutional Innovation Council, Learning at Departmental Lab/Tinkering lab/Institutional Workshop.
6. For Above Activities mentioned in point 6, 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.
7. @ As per AICTE, Student has to earn 100 Activity Points by participating in 400 Hrs. of activities during 4 years of Engineering. After completing 52 hours of Activities, students can earn 13 Points. These Points shall not be reflected in Grade Card. Separate transcript shall be issued to students after completion of Final Year.