

B.E. Semester-VIII
Choice Based Credit Grading Scheme with Holistic Student Development (CBCGS-H 2019)
TCET Autonomy Scheme (w.e.f. A.Y. 2022-23)

Course Description			Teaching Scheme (Program Specific)					Examination Scheme (Academic)				
Sr. No.	Course Code	Course Title	Mode of Teaching /Learning/Weightage				Credits	Modes of Continuous Assessment/Evaluation				
			Hours Per Week					Theory (100)		Practical/Oral	Term Work	Total
			Theory	Tutorial	Practical	Contact Hours		IA	ESE	PR/OR	TW	
1	PCC-IT 801	Data Science	3	-	2	5	4	25	75	25	25	150
2	PEC –IT 801X	Professional Elective V	3	-	2@	5	4	25	75	25	25	150
3	OEC –IT 801X	Open Elective-III	3	-	-	3	3	25	75	-	-	100
4	OEC –IT 802X	Open Elective-IV	3	-	-	3	3	25	75	-	-	100
5	PROJ IT 801	Project II	-	-	12	12	6	-	-	100	50	150
		Total	12		16	28	20	Total marks				650
	Course Description		Contact Hrs. during Semester Break/ End of Semester (Between 21st and 25th Week)								Non-Grant Term Work based on the Presentation and Report	
1	SI-IT801	Summer Internship	-	-	-	120*	3	-			50	50
1	AP-IT801	Activity Point	-	-	-	52#	-	-			-	-
Course Description			Teaching scheme (Holistic Student Development - HSD) (Conducted in the beginning of Semester during first 3 Weeks)					Assessment/Evaluation Scheme				
								Presentation		Report		Term Work (50)
								AC		AC		
1	HSD –ITPS 801	Professional Skills VIII (Latex)	15	-	30	45	2	50		25		75
2	HSD –ITRBL801	Research Based Learning IV	-	-	30	30	1	25		25		50
		Total	15		60	75	3	Total marks				125
		Total					26	Grand Total marks:				825



Professional Elective V		Open Elective III		Open Elective IV	
Subject Code	Name	Subject Code	Name	Subject Code	Name
PEC-IT 8011	Blockchain Technologies	OEC-IT 8011	Project Management	OEC-IT 8021	Managerial Economics
PEC-IT 8012	Natural Language Processing	OEC-IT 8012	Energy Audit Management	OEC-IT 8022	Digital Business Management
PEC-IT 8013	Storage Area Network	OEC-IT 8013	Innovation Management	OEC-IT 8023	Social Network Analysis
PEC-IT 8014	Enterprise Resource Planning	OEC-IT 8014	Environment Management	OEC-IT 8024	Taxation for Engineers
PEC-IT 8015	Genetic Algorithm	OEC-IT 8015	Intellectual Property Rights (IPR) and Patenting.	OEC-IT 8025	Product Design and Development
		OEC-IT 8016	Supply chain Management	OEC-IT 8026	Development Engineering

1. IA- In-Semester Assessment, ESE- End Semester Examination, PR- Practical Examination, TW – Term Work Examination, OR- Oral Examination, AC- Activity evaluation
2. @-Professional Elective Courses Lab will be conducted in the form of Capstone Project.
3. For continuous evaluation, examination shall be conducted under two heads: IA – In-Semester Assessment, ESE – End Semester Examination. Under IA, 25 marks of ISE (In-Semester Examination) shall be conducted for 1.5 hours. ESE shall be conducted for 75 marks with duration of 3 hours.
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 Semester 8. Credits will be awarded at the end of 8th Semester and will be reflected in the Grade Card of 8th 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. #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.