



TCET
DEPARTMENT OF INFORMATION TECHNOLOGY (IT)
 (Accredited by NBA for 3 years, 4th Cycle Accreditation w.e.f. 1st July 2022)
 Choice Based Credit Grading System (CBCGS)
 Under TCET Autonomy



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

Sr. No.	Course Code	Course Title	Teaching Scheme (Program Specific)				Examination scheme							
			Modes of Teaching / Learning / Weightage				Credits	Modes of Continuous Assessment / Evaluation						
			Hours Per Week					Theory (100/50)			Practical / Oral / Presentation (25)	Term Work (25)	Total	
			Theory	Tutorial	Practical	Contact Hours		40/20	60/30	IA				
				ISE	IE	ESE	PR/OR	TW						
1	BSC-IT 401	Mathematics-IV	3	1	-	4	4	20	20	60	-	25	125	
2	ESC-IT 401	Computer Organization Architecture & Microprocessors	3	-	2	5	4	20	20	60	25	25	150	
3	PCC-IT 401	No SQL	3	-	2	5	4	20	20	60	25	25	150	
4	PCC-IT 402	Computer Networks	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	1	-	-	1	(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- IT 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-IT401	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			Term Work				
							Presentation		Report					
							AC		AC					
1	HME -IT-PS401	Professional Skills III (Dept Specific Skill – Cloud Infrastructure Analysis II)	-	-	2	2	1	15		10		25		
2	HME -IP401	Industry Practise-II (Employability Skills) (JavaScript/React)	-	-	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			13	1	12	26	22	Grand Total marks			725			



Guidelines for the Semester:

Semester Conduct:

1. The Academic year will be conducted through two semesters. Odd Semester (1st July-31st December) and Even Semester (1st January-30th June).
2. The credit calculation is
 - a) Theory/Tutorial: 1 credit=1 hr b) Practical: 1 credit =2 hrs c) Experiential Learning/Internship: 1 credit= 40 hrs
 - d) Professional skills/Industry Practices/Industry Certification: 1 credit =2 hrs e) Holistic Development - Activity Based Learning/Project Based Learning/Research Based Learning: 1 credit=2 hrs
3. Professional Skills & Industry Practice activity will run in the form of integrated theory and practical course & syllabus is linked with level 6 of NSQF.
4. During Academic conduct, practical load shall be conducted in batches.

Evaluation and Assessment:

5. 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 Learning with Examination) shall also be conducted under IA. ESE shall be conducted for 60 marks with duration of 2 hours.
6. Evaluation and assessment will be formative and summative.
7. Two In semester Examination ISE-I and II (3 modules each) will be summative.
8. One In Semester Examination, ISE-III and Innovative learning with Examination-IE will be formative.
9. End semester Examination, ESE will be Summative and Term Work and Oral/Practical exam and ESE will be conducted at the end of semester.

Internship:

10. * The summer Internship will be conducted in the form of in-house/outhouse internship which is mandatory for all students in semester break. The internship credits accumulated will be credited in even semester.

AICTE 100 Activity Points:

11. # 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. 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

B. Rav
26/7/23
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Member Secretary Academic Council,
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R. K. Mishra
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Dr. B. K. Mishra
Chairman Academic Council, Principal