



TCET

DEPARTMENT OF CIVIL ENGINEERING (CIVIL)
(Accredited by NBA for 3 years, 1st Cycle Accreditation w.e.f. 1st July 2021)
Choice Based Credit Grading System (CBCGS)
Under TCET Autonomy



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

Sr.	Course Code	Course Description	Course Title	Teaching Scheme (Academic)				Examination Scheme (Academic)					
				Modes of Teaching/Learning /Weightage				Modes of Continuous Assessment/Evaluation					
				Hours Per Week		Contact Hours		Theory (100/50)		Practical/Oral/Presentation (25)		Term Work (25)	
				Theory	Practical	Tutorial	Practical	ISE	IE	ESE	PR/OR	TW	Total
1	PCC-CE601	Water Resources Engineering		-	4	1	-	20	20	60	25	25	150
2	PCC-CE602	Theory of Reinforced Concrete Structures		-	5	2	-	20	20	60	25	25	150
3	PCC-CE603	Environmental Engineering		2	5	-	2	20	20	60	25	25	150
4	PEC-CE601X	Professional Elective -II		2#	5	-	2#	20	20	60	25	25	150
5	OEC-CE601X	Open Elective- I		-	3	-	-	20	20	60	-	-	100
		Total		6	22	2	6	20	20	Total marks(Academic)			700
		Course Description											
1	MC-CE601	Essence of Indian Knowledge Tradition		-	1	-	-	(Non-credit)		-		25	25
		Course Description											
1	SI-CE601	Summer Internship		-	160 *	-	-	4*		-		50	50
		Course Description											
1	AP-CE601	Activity Points		-	52@	-	-	-		-		-	-
		Course Description											
1	ESD-CE601	Employability Skill Development - IV		30	30	-	30	1		Based on Parameters decided by Training and Placement Cell			50
2	HME-CEPS601	Professional Skills - VI(MIDASGEN/ Bar Bending Schedule)		30	45	-	-	2		50	25	75	75
3	HME-CEPBL601	Project Based Learning - IV		30	30	-	-	1		25	-	25	25
4	HME-CEABL601	Research Based Learning-II		30	30	-	-	1		25	25	50	50
		Total		120	135	15	5	29		Total marks(HME)		200	975
		Total						29		Grand Total marks:			975

ISE- In Semester Examination, IE- Innovative Examination, ESE- End Semester Examination, PR- Practical Examination, TW - Term Work Examination, OR- Oral Examination, AC Activity evaluation

(Signature)
Dr. Seema Jagtap
Chairman BOS

(Signature)
Dr. Sheetal Rathi
Dean Academics

(Signature)
Dr. Kamal Shah
Vice-Principal

(Signature)
Dr. B. K. Mishra
Principal

PROFESSIONAL ELECTIVE II			OPEN ELECTIVE I		
Course Code	Course name	Domain	Course Code	Course name	
PEC-CE 6011	Solid Waste Management	1	OEC-CE 6011	Digital Marketing	
PEC-CE 6012	Foundation Engineering	2	OEC-CE 6012	Software Process Automation	
PEC-CE 6013	Traffic Engineering	3	OEC-CE 6013	Entrepreneurship development and management	
PEC-CE 6014	Advanced Concrete Technology	4	OEC-CE 6014	Cyber Security and Laws	
			OEC-CE 6015	Reliability Engineering	
			OEC-CE 6016	Product life cycle management	

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 and for 10 marks, 45 minutes shall be allotted. There shall be 3 ISE (In-Semester Examination) conducted, the average of best of the two will be considered. 20/10 marks of IE (Innovative Examination) shall also be conducted under IA. ESE shall be conducted for 60 marks with duration of 2 hours and for 30 marks of ESE shall be conducted with duration of 1 hour.
3. Professional Skills-III and Activity Based Learning-III 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 160 hours and acquire 4 credits till the end of Fourth Semester. Credits will be reflected in the Grade Card of Fourth 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. Innovative exams will be conducted in the form of case studies, mini projects, minor projects, seminars, presentations, observation record, analysis of plans, reports, projects, outcome of role play and discussion and study report, News Analysis for technology, Summary for blog and online discussions on selected technology etc
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 5, 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. # Professional Elective Courses Lab will be conducted in the form of Capstone Project
9. @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.


Dr. Seemā Jagtap
 Chairman BOS


Dr. Sheetal Rathi
 Dean Academics


Dr. Kamal Shah
 Vice-Principal

Dr. B. K. Mishra
 Principal