

VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI



Scheme of Teaching and Examinations **M.Tech., in Civil Engineering** **(Specialization: Water Resources and Environmental Engineering (WREE))** Choice Based Credit System (CBCS) and Outcome Based Education (OBE)

For the students who are willing to take an Industry Internship for one-semester duration and independent project work next semester

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI Scheme of Teaching and Examinations – 2024 M.Tech., Civil Engineering (Specialization in Water Resources and Environmental Engineering) Choice Based Credit System (CBCS) and Outcome Based Education (OBE)											
IIISEMESTER (B)											
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week			Examination				Credits
				Theory	Practical/ Mini–Project/ Internship	Tutorial/ Skill Development Activities	Duration in hours	CIE Marks	SEE Marks	Total Marks	
				L	P	SDA					
1	PEC	MCWE311	Environmental Impact Assessment (Offline)	03	00	00	03	50	50	100	3
2		MCWE312	Climate Change (Offline)	03	00	00	03	50	50	100	3
3		MCWE313	Industrial Waste water Management and Audit (Offline)	03	00	00	03	50	50	100	3
4	INT	24INT384	Industry/ Research Internship	One semester Duration			03	100	100	200	11
TOTAL				12	00	00				500	20

IV SEMESTER (B)											
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits	
				Theory	Practical/ Field work	Duration in hours	CIE Marks	SEE Marks Viva voce	Total Marks		
				L	P						
1	Project	MPRJ481	Project work	--	08	03	100	100	200	20	
TOTAL				04	08	03	100	100	200	20	

Research Internship: A research internship is an opportunity for students or early career professionals to gain hands-on experience in conducting research under the guidance of a mentor or within a research team. These internships can take place in academic institutions, research organizations, government agencies, or private companies

The research internship helps students to understand the analytical concepts and tools, use their skills in real-life situations, and build confidence in applying the skills learned. The students who take up a one-semester Internship have to appear SEE at the institute at the end of the semester as per the examination calendar.

Project Work: Students in consultation with the guide shall carry out literature survey/ visit industries to finalize the topic of the Project. Subsequently, the students shall collect the material required for the selected project, prepare a synopsis, and narrate the methodology to carry out the project work. Each student, under the guidance of a Faculty, is required to

- Present the seminar on the selected project orally and/or through Power Point slides.
- Answer the queries and be involved in debate/discussion.
- Submit two copies of the typed report with a list of references.
- The participants shall take part in discussions to foster a friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident

CIE marks for the project report (20 marks), seminar (20 marks) and question and answer (10 marks) shall be awarded (based on the quality of report and presentation skill, participation in the question and answer session by the student) by the committee constituted for the purpose by the Principal. The committee shall consist of internal guide and a faculty from the department with the senior most acting as the Chairperson.

Semester End Examination SEE marks for the project report (30 marks), seminar (10 marks) and question and answer session (10 marks) shall be awarded (based on the quality of the report and presentation skill, participation in the question and answer session) by the examiners appointed by the University.