



# AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgavi)

## Department of Civil Engineering

Ref. No: AJIET/CV/MJP/2020-21/01

### CIRCULAR

Dear students we are excited to announce the major project for the 8<sup>th</sup> semester. This program offers you the opportunity to show case your technical knowledge.

Eligible students can apply by submitting their major project proposal for approval. Successful project ideas may earn academic credit and each students receive faculty supervision and assessment

For more details, contact project coordinator Dr. Sangeetha D M

Subject Name: Project Work

Subject Code: 17CVP85

Credits : 6

Principal  
A.J. Institute of Engineering & Technology,  
Mangaluru - 575 006

*Sangeetha*  
Event Coordinator



*Swank*

HOD

H.O.D.-Civil Engineering  
A.J. Institute of Engineering & Technology  
Mangaluru - 575 006, D.K., Karnataka

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

**Scheme of Teaching and Examination 2017-2018**

**Choice Based Credit System (CBCS)**

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM

CHOICE BASED CREDIT SYSTEM (CBCS)

SCHEME OF TEACHING AND EXAMINATION 2017-2018

**B.E: CIVIL ENGINEERING**

**VII SEMESTER**

Sl. No.	Course Code	Title	Teaching Department	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Drawing	Duration in hours	SEE Marks	CIE Marks	Total Marks	
1	17CV71	Municipal and Industrial Waste Water Engineering	Civil Engg.	04		03	60	40	100	4
2	17CV72	Design of RCC and Steel Structures	Civil Engg.	04		03	60	40	100	4
3	17CV73	Hydrology and Irrigation Engineering	Civil Engg.	04		03	60	40	100	4
4	17CV74X	Professional Elective-3	Civil Engg.	03		03	60	40	100	3
5	17CV75X	Professional Elective-4	Civil Engg.	03		03	60	40	100	3
6	17CVL76	Environmental Engineering Laboratory	Civil Engg.	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
7	17CVL77	Computer Aided Detailing of Structures	Civil Engg.	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
8	17CVP78	Project Work Phase-I + Project work Seminar	Civil Engg.		03	--	--	100	100	2
<b>TOTAL</b>				<b>Theory:18 hours Practical and Project: 09 hours</b>		<b>21</b>	<b>420</b>	<b>380</b>	<b>800</b>	<b>24</b>

Professional Elective-3		Professional Elective-4	
17CV741	Design of Bridges	17CV751	Urban Transportation and Planning
17CV742	Ground Water & Hydraulics	17CV752	Prefabricated Structures
17CV743	Design Concept of Building Services	17CV753	Rehabilitation and Retrofitting of Structures
17CV744	Structural Dynamics	17CV754	Reinforced Earth Structures

**1. Project Phase – I and Project Seminar:** Comprises of Literature Survey, Problem identification, Literature Survey, Problem identification, Objective

Report covering

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**SCHEME OF TEACHING AND EXAMINATION 2017-2018**

**B.E: CIVIL ENGINEERING**

**VIII SEMESTER**

Sl. No.	Course Code	Title	Teaching Department	Teaching Hours /Week		Examination			Credits	
				Theory	Practical/ Drawing	Duration in hours	SEE Marks	CIE Marks		Total Marks
1	17CV81	Quantity Surveying and Contracts Management	Civil Engg.	4	-	3	60	40	100	4
2	17CV82	Design of Pre Stressed Concrete Elements	Civil Engg.	4	-	3	60	40	100	4
3	17CV83X	Professional Elective-5	Civil Engg.	3	-	3	60	40	100	3
4	17CV84	Internship/ Professional Practice	Civil Engg.	Industry Oriented		3	50	50	100	2
5	17CVP85	Project Work-II	Civil Engg.	-	6	3	100	100	200	6
6	17CVS86	Seminar on current trends in Engineering and Technology	Civil Engg.	-	4	-	-	100	100	1
<b>TOTAL</b>				<b>Theory: 11 hours Project and Seminar: 10 hours</b>		<b>15</b>	<b>330</b>	<b>370</b>	<b>700</b>	<b>20</b>

<b>Professional Elective -5</b>	
17CV831	Earthquake Engineering
17CV832	Hydraulic Structures
17CV833	Pavement Design
17CV834	Advanced Foundation Design

**1. Internship/ Professional Practice:** 4 Weeks internship to be completed between the (VI and VII semester vacation) and/or (VII and VIII semester vacation) period