

Vision Buldhana Educational & Welfare Society's

PANKAJ LADDHAD INSTITUTE OF TECHNOLOGY &

MANAGEMENT STUDIES, YELGAON,

BULDHANA

(Recognized by AICTE, New Delhi & affiliated to Sant Gadge Baba Amravati University)

Accredited by NAAC

Department of Civil Engineering

Teaching Scheme as per Syllabus

-			_	TEAC	IIINC	SCHEME	onit	STER : THIR	<i>D</i>	EV	AMENATIO	N SCHEME				
šr.	Subject Code	Subject	HOURS /					PRAC	PRACTICAL							
No.			Lecture	Tutorial	D/D	Total HOURS/WEEK	CREDITS	Duration Of Paper (Hr.)	Max. Marks Theory Paper	Internal Marks	Total	Min. Passing Marks	Max. Marks		Total	Min. Passin
			Lec	Tut									Int.	Ext.		Marks
					_	THEORY										
01	3CE01	Engineering Mathematics-III	3	1	-	4	4	3	80	20	100	40		-	-	- 22
02	3CE02	Strength of Materials	3			3	3	3	80	20	100	40	-	-	-	
03	3CE03	Building Construction & Engineering. Geology	3		-	3	3	3	80	20	100	40		-		-
04	3CE04	Transportation Engineering	3			3	3	3	80	20	100	40		100		- 200
05	3CE05	Concrete Technology & RCC	3	-		3	3	3	80	20	100	40			-	-
06	4ES06	**Environmental Science	2		-	2	-	-	-	-	-	-	•			•
					_	PRA	CTICALS	/ DRAWING /	DESIGN							
07	3CE07	Strength of Materials- lab			2	2	1	-	-	-	-	-	25	25	50	25
08	3CE08	Building Construction & Engineering. Geology-lab			2	2	1	-	-	-	-	-	25	25	50	25
09	3CE09	Transportation Engineering-lab			2	2	1	-	-	-	-	-	25	25	50	25
10	3CE10	Concrete Technology & RCC-lab			2	2	1			-		-	25	25	50	25
		Total	17	1	8	26	20	100	-	-	500	-		-	200	

Four Year Degree Course in Bachelor of Engineering Branch: CIVIL ENGINEERING Semester Pattern (Choice Based Credit Grade System)

Note: **The Examination of Mandatory Subject Environmental Science shall be conducted in IV Semester.

			TEA	CHIN	GSC	HEME				EX	AMINATIO	N SCHEME				
šr.	Subject Code	Subject	HOURS / WEEK					Т		PRACTI	CAL	AL				
No.				_		Iotal HOURS/WEEK	SI	Duration Of Paper (Hr.)		Internal Marks	Total	Min. Passing	May Mai		Total	Min. Passin
			Lecture	Tutorial	D/D	Total HOURS	CREDITS				Total	Marks	Int.	Ext.	. otai	Mark
THE	ORY															
01	4CE01	Building Planning Designing & CAD	3			3	3	4	80	20	100	40	-	-	-	-
02	4CE02	Hydrology & Water Resource Engg.	3		-	3	3	3	80	20	100	40		1	-	-
03	4CE03	Surveying	3			3	3	3	80	20	100	40		-	-	-
04	4CE04	Geotechnical Engineering- I	3	100	-	3	3	3	80	20	100	40			-	1.000
05	4CE05	Structural Analysis - I	3	1	-	4	4	3	80	20	100	40		-	-	-
06	4ES06	**Environmental Science	2	-		2	2	3	80	20	100	40		-		
PRA		DRAWING / DESIGN														
07	4CE07	Building Planning Designing & CAD -lab	-		2	2	1	-	-	-	-	-	25	25	50	25
08	4CE08	Hydrology & Water Resource Engg. – lab.	155	-	2	2	1						25	25	50	25
09	4CE09	Surveying – lab.			2	2	1	-	-		-	-	25	25	50	25
10	4CE10	Geotechnical Engineering- I- lab.			2	2	1		-		-	-	25	25	50	25
		Total	17	1	8	26	22		-		500	-		-	200	

Note: **The Examination of Subject Environmental Science shall be conducted in IV Semester.

							SEME	STER : FIFTH	8							
			TEA	CHIN	GSC	HEME				EX	AMINATIO	N SCHEME				
ar.	Subject Code	Subject	HOURS / WEEK					THEORY PRACTICAL								
No.				-		Total HOURS/WEEK	CREDITS	Duration Of Paper (Hr.)	Max. Marks Theory Paper		Total	Min. Passing Marks	Max. Marks		Total	Min. Passin Marks
			Lecture	Tutorial	D/D	Total HOURS						Marks	Int.	Ext.		Marks
THE	ORY															
01	5CE01	Design of Reinforced & Prestressed Concrete Structures	3	1	-	4	4	3	80	20	100	40	-		-	-
02	5CE02	Surveying & Geomatics	3	-	-	3	3	3	80	20	100	40				
03	5CE03	Numerical Methods &Computer Programming	3	-	-	3	3	3	80	20	100	40	-	-	-	
04	5CE04	Professional ElectiveI	3			3	3	3	80	20	100	40				
05	5CE05	Open Elective – I	3			3	3	3	80	20	100	40				
PRAG	CTICALS / DI	RAWING / DESIGN														
06	5CE06	Design of Reinforced & Prestressed Concrete Structures- lab	175		2	2	1		1750 	177	-	107	25	25	50	25
07	5CE07	Surveying & Geomatics -lab			2	2	1			-			25	25	50	25
08	5CE08	Numerical Methods &Computer Programming -lab	-	-	2	2	1		-	-	-	-	25	25	50	25
09	5CE09	Professional Elective –I -lab	-	-	2	2	1	-	-		-	-	25	25	50	25
		Total	15	1	8	24	20			-	500	-			200	
													Gr	and Tota	1	700
	Note : Open I	Elective – I to be opted from the Courses offer	ed by t	the othe	r Eng	ineering & T	echnology	courses from the	College / Deptts. o	of the Universi	ty.					
	SCENI & SCI	E09 Prof. Elective I : (i) Highway Constructi	on 6. h	fanaoa	mant	(ii) Densire f	Dahahilit	ation of Structure	(iii) Sustainable	Construction	fathode in) W	atambad Enoo	6 Man	coment		
		Elective I : (i) Basic to Building Construction				1000				Construction r	reduce iv) w	meraneo Eliga	. oc ividile	Sement		

SEMESTER : SIXTH
TEACHING SCHEME
EXAMINATION SCHEME

| Subject | Subject | WEEK |
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 | Duration Of
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| 6CE01 | Design of Steel Structures | 3 | 1
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| 6CE02 | Environmental Engineering - I | 3 | -
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| 6CE03 | Fluid Mechanics | 3 | -
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 | 3
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| 6CE04 | Prof. Elective - II | 3 |
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| 6CE05 | Open Elective - II | 3 | -
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| 6CE06 | Design of Steel Structures-lab. | |
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| 6CE07 | Environmental Engineering – I-lab | - | -
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 | | | 25 | 25 | 50
 | 25 | |
| 6CE08 | Fluid Mechanics-lab. | | ·
 | 2
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 | ••• | | 25 | 25 | 50
 | 25 | |
| 6CE09 | Mini Project | - |
 | 2
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| | Total | 15 | 1
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Note : 1) Op | Code Design of Steel Structures 6CE01 Design of Steel Structures 6CE02 Environmental Engineering - I 6CE03 Fluid Mechanics 6CE04 Prof. Elective - II 6CE05 Open Elective - II 6CE06 Design of Steel Structures-lab. 6CE07 Environmental Engineering - I-lab 6CE06 Design of Steel Structures-lab. 6CE07 Environmental Engineering - I-lab 6CE08 Fluid Mechanics-lab. 6CE09 Mini Project Total | Subject WE Code Subject Image: Subject Subject Image: Subject <td< td=""><td>Surject
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(v) 1rattic Engineering & Management 6CE05 : OE (II) : (i) Environmental Management (ii) Human Resource Development & Organizational Behavior (iii) Introduction to Earthquake Engineering

						SE.	MESTE	R : SEVENTI	1									
			TEAC	CHING	SCH	EME		EXAMINATION SCHEME										
Sr. Subje No. Code	Subject	Subject	HOURS / WEEK		ĸ			RACTICAL										
	Code			_		Total HOURS/WEEK	IS	Duration Of Paper (Hr.)	Max. Marks Theory	Internal Marks	Total	Min. Passing	Max.	Marks	Total	Min. Passing		
			Lecture	Lecture Tutorial P/D Total HOURS	Total HOUR	CREDITS	(111.)	Paper			Marks	Int.	Ext.		Marks			
ГНЕ	ORY																	
01	7CE01	Structural Analysis - II	3	1		3	3	3	80	20	100	40		27	-	221		
02	7CE02	Geotechnical Engineering - II	3		- 221	3	3	3	80	20	100	40	-	1				
03	7CE03	Hydraulic Engineering	3		-	3	3	3	80	20	100	40		-	-			
04	7CE04	Environmental Engineering -II	3			3	3	3	80	20	100	40						
05	7CE05	Professional Elective- III	3	-	-	3	3	3	80	20	100	40	-	-	-			
PRAC	TICALS / I	DRAWING / DESIGN							10 80	13 13		2 2	57 - 17 201 - 2			<u>.</u>		
06	7CE06	Computational Structure Analysis -lab.			2	2	1						25	25	50	25		
07	7CE07	Geotechnical Engineering - II- lab.			2	2	1		-	-	-		25	25	50	25		
08	7CE08	Environmental Engineering –II- lab.		-	2	2	1			-	-		25	25	50	25		
09	7CE09	Project & Seminar	-	122	8	8	4				-		50	822	50	25		
_		Total	15	0	14	29	22		-		500		-	-	200			
							•		•					Grand Total		700		

7CE05 Prof Elect. III : (i) Analysis & Design of Structures for Earthquake & Wind (ii) Environmental Impact Assessment & Life Cycle (iii) Pavement Design (iv) Water Power Engineering

			TEAC	HING	SCHI	EME					EXAMINA	TION SCHEM	1E			
Sr. No.	Subject	Subject	HOURS / WEEK			K		THEORY PRACTICAL								
	Code					Total HOURS/WEEK CREDITS	s	Duration Of Paper	Max. Marks	Internal Marks	Total	Min. Passing	Max. Marks		Total	Min. Passing Marks
			Lecture	Tutorial	D'D		(Hr.)) Theory Paper		Total	Marks	Int.	Ext.			
THE	ORY				1											
01	8CE01	Construction Project Management	3			3	3	3	80	20	100	40	-	-		-
02	8CE02	Construction Economics & Estimating - Costing	3			3	3	3	80	20	100	40				-
03	8CE03	Professional Elective- IV	3			3	3	3	80	20	100	40	- 22	-	- 20	-
04	8CE04	Professional Elective-V	3	-		3	3	3	80	20	100	40		-	-	-
PRA	CTICALS / D	RAWING / DESIGN							-		-					
05	8CE05	Construction Economics & Estimating – Costing – lab.	-		2	2	1	-	-	-	-	-	25	25	50	25
06	8CE06	Professional Elective- IV – lab.	-		2	2	1	-	-	-		-	25	25	50	25
07	8CE07	Project & Seminar	()		12	12	6						75	75	150	75
		Total	12	0	16	28	20	-			400				250	-
				<u>.</u>	i		¢			÷				Grand Tota	u i	650
	8CE03 : P	rof. Elect IV: (i) Advanced Design of Steel Struc (v) Structural Analysis by				Pre-stress	ed Conc	crete Structure	s (iii) Adv	anced Water	Treatment (iv) Industrial W	aste Wate	r Treatment		