

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

Faculty of Engineering & Technology

CIVIL ENGINEERING

Scheme of Examination & Evaluation

Semester : Third

Subject Code	Course	Teaching Scheme (Clock Hours/Week)					Evaluation scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practicals				
							College Assessment (CA)	University Exam	Total	Min Marks	Internal	External	Total Marks	Min. Marks	
BECVE301T	Mathematics - III	3	1	-	4	4	20	80	100	40	-	-	-	-	3
BECVE302T	Strength of Materials	3	1	-	4	4	20	80	100	40	-	-	-	-	3
BECVE302P	Strength of Materials	-	-	2	2	1	-	-	-	-	25	25	50	25	-
BECVE303T	Environmental engineering - I	4	0	-	4	4	20	80	100	40	-	-	-	-	3
BECVE303P	Environmental engineering - I	-	-	2	2	1	-	-	-	-	25	25	50	25	-
BECVE304T	Engineering Geology	4	0	-	4	4	20	80	100	40	-	-	-	-	3
BECVE304P	Engineering Geology	-	-	2	2	1	-	-	-	-	25	25	50	25	-
BECVE305T	Concrete Technology	4	0	-	4	4	20	80	100	40	-	-	-	-	3
BECVE305P	Concrete Technology	-	-	2	2	1	-	-	-	-	25	25	50	25	-
	TOTAL	18	2	8	28	24	100	400	500		75	75	150		

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*Recd
01/04/2013
(Dr. S. S. Pathare)*

01/04/13

01-4-13

01-4-13

Pathare

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

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Semester : Fourth

Subject Code	Course	Teaching Scheme (Clock Hours/ Week)					Evaluation Scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practicals				
							College Assessment (CA)	University Exam	Total	Min Marks	Internal	External	Total Marks	Min Marks	
BECVE401T	Structural Analysis - I	3	1		4	4	20	80	100	40					3
BECVE401P	Structural Analysis - I			2	2	1						25	25	50	25
BECVE402T	Geotechnical Engineering - I	3	1		4	4	20	80	100	40					3
BECVE402P	Geotechnical Engineering - I			2	2	1						25	25	50	25
BECVE403T	Transportation Engineering - I	4	0		4	4	20	80	100	40					3
BECVE403P	Transportation Engineering - I			2	2	1						25	25	50	25
BECVE404T	Surveying - I	3	1		4	4	20	80	100	40					3
BECVE404P	Surveying - I			3	3	2						25	25	50	25
BECVE405T	Building Construction & Material	3	1		4	4	20	80	100	40					3
	Total	16	4	9	29	25	100	400	500		100	100	200		

Summer Training 1 (ST -1) of minimum two weeks duration /assigned mini project/software training etc. during summer vacation after Fourth Semester to be evaluated as Mini Project during Fifth Semester is mandatory.

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Dr. S.S. Patil
01/04/2013

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01/04/13

P.P.P.

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

Faculty of Engineering & Technology

CIVIL ENGINEERING

Scheme of Examination & Evaluation

Semester: Fifth

Subject Code	Course	Teaching Scheme (Clock Hours/ Week)					Evaluation Scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practicals				
							College Assessment (CA)	University Exam	Total Marks	Min. Marks	Internal	External	Total Marks	Min. Marks	
BECVE501T	Structural Analysis -II	3	1		4	4	20	80	100	40					3
BECVE501P	Structural Analysis -II			2	2	1					25	25	50	25	
BECVE502T	Reinforced Cement Concrete (RCC) Structures	3	1		4	4	20	80	100	40					4
BECVE502P	Reinforced Cement Concrete (RCC) Structures			2	2	1					25	25	50	25	
BECVE503T	Fluid Mechanics -I	3	1		4	4	20	80	100	40					3
BECVE503P	Fluid Mechanics -I			2	2	1					25	25	50	25	
BECVE504T	Geotechnical Engineering -II	3	1		4	4	20	80	100	40					3
BECVE505T	Hydrology & Water Resources (HWR)	4			4	4	20	80	100	40					3
BECVE506P	Communicative English & Technical Writing			3	3	2					25	25	50	25	
Total		16	4	9	29	25	100	400	500		100	100	200		

Note: 1."Technical Writing" shall consist of detailed report on Summer Training- 1 (ST-1) underwent after 4th Semester.

2. Equal weightage shall be given to the components of "Communicative English" and "Technical Writing"

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Scheme of Examination & Evaluation

Semester: Sixth

Subject Code	Course	Teaching Scheme (Clock Hours/ Week)					Evaluation Scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practicals				
							College Assessment (CA)	University Exam	Total Marks	Min. Marks	Internal	External	Total Marks	Min. Marks	
BECVE601T	Steel Structures	3	1		4	4	20	80	100	40					4
BECVE601P	Steel Structures			2	2	1					25	25	50	25	
BECVE602T	Surveying-II	3	1		4	4	20	80	100	40					3
BECVE602P	Surveying-II			4	4	2					25	25	50	25	
BECVE603T	Fluid Mechanics -II	3	1		4	4	20	80	100	40					3
BECVE603P	Fluid Mechanics -II			2	2	1					25	25	50	25	
BECVE604P	Building Design and Drawing			4	4	4					50	50	100	50	
BECVE605T	Environmental Engineering-II	3	1		4	4	20	80	100	40					3
BECVE606P	Site Visit & Mini Project			3	3	3					25	25	50		
Total		12	4	15	31	27	80	320	400		150	150	300		

Summer Training - 2 (ST-2) of 2-4 Weeks duration during Summer Vacation is mandatory and will be evaluated in Seventh Semester.

- Note:**
1. External Practical Evaluation of Building Design and Drawing shall be performance based by drawing assigned problem given jointly by the Internal & External Examiners on AutoCAD
 2. "Site Visit" shall cover minimum Five Site Visits.
 3. "Mini Project" shall include report on Site Visits and Assigned Mini Project/Software Training, etc.
 4. Equal weightage shall be given for components of "Site Visits" and "Mini Project".

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CIVIL ENGINEERING

Scheme of Examination & Evaluation - CBS

Semester: Seventh

Subject Code	Course	Teaching Scheme (Clock Hours/ Week)					Evaluation Scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practical				
							College Assessment (CA)	University Exam	Total Marks	Min. Marks	Internal	External	Total Marks	Min. Marks	
BECVE701T	Advanced Concrete Structures	3	1		4	4	20	80	100	40					4
BECVE701P	Advanced Concrete Structures			2	2	1					25	25	50	25	
BECVE702T	Estimating and Costing	3	1		4	4	20	80	100	40					4
BECVE702P	Estimating and Costing			2	2	1					50	50	100	50	
BECVE703T	Elective -I	3	1		4	4	20	80	100	40					3
BECVE704T	Construction Management and Law	4			4	4	20	80	100	40					3
BECVE705T	Transportation Engineering - II	3	1		4	4	20	80	100	40					3
BECVE706P	Industrial Case Study and Project Seminar			3	3	3					50	50	100	50	
Total		16	4	7	27	25	100	400	500		125	125	250		

Note: 1. External Practical Evaluation of "Estimating & Costing" shall be performance based (Manual or using suitable Software) on assigned problem by the External Examiner

2. Evaluation of Summer Training – 2 (ST-2) shall be done as Industrial Case Study Component & minimum two seminar should be delivered as continuous college assessment for project seminar component.

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Scheme of Examination & Evaluation - CBS
Semester: Eighth

Subject Code	Course	Teaching Scheme (Clock Hours/ Week)					Evaluation Scheme								Duration of University Theory Exam (Hrs)
		Theory hrs/week	Tutorial hrs/week	Practical hrs/week	Total hrs/week	Credits	Assessment of Marks for Theory				Assessment of Marks for Practical				
							College Assessment (CA)	University Exam	Total Marks	Min. Marks	Internal	External	Total Marks	Min. Marks	
BECVE801T	Irrigation Engineering	3	2		5	5	20	80	100	40					3
BECVE802T	Elective - II	3	1		4	4	20	80	100	40					3
BECVE803T	Elective - III	4			4	4	20	80	100	40					3
BECVE803P	Elective - III			2	2	1					25	25	50	25	
BECVE804T	Construction Economics and Finance	3	1		4	4	20	80	100	40					3
BECVE805P	Project			6	6	6					75	75	150	75	
Total		13	4	8	25	24	80	320	400		100	100	200		

Note: Internal Evaluation of Project shall be based on the academic contribution of a student and delivery of minimum one seminar on the project work.

BECVE804T - Construction Economics and Finance subject shall be dealt by Board of Basic Science and Humanities.