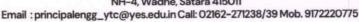




Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	SY Civil semester IV					
Course Code and Course Title	BTCVC403, Structural Mechanics I					
Prerequisite/s	Mechanics of Solid					
Teaching Scheme: Lecture/Tutorial/Practical	02/01/00					
Credits	3					
Evaluation Scheme: CA/MSE/ESE	20/20/60					

Course Outcomes:

Course Outcomes (COs): After successful completion of this course, the student will be able to:								
BTCVC403_1 Describe the concept of structural analysis, degree of indeterminacy.								
BTCVC403_2 Calculate slopes and deflection at various locations for different types of beams.								
BTCVC403_3	Identify determinate and indeterminate trusses and calculate forces in the members of trusses	L3						
BTCVC403_4	Perform the distribution of the moments the in continuous beam and frame	L3						

Mapping of CO's with PO's and PSO's:

Course Outcomes							P	rogr	am	Outc	omes	3			
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVC403_1	2											2	2	2	2
BTCVC403_2	3	2	2									2	2	2	2
BTCVC403_3	3	2	2									2	2	2	2
BTCVC403_4	3	2	2									2	2	2	2
Total	11	6	6									8	8	8	8
Average	2.75	2	2									2	2	2	2
BTCVC403	3	2	2									2	2	2	2

CO Attainment Targets:

CO	403_1	403_2	403_3	403_4	403_5
Previous Attainment					
Target for CAY					

Stalas

Prepared by **Course Coordinator**

Verified by **Academic Coordinator** Approved by HOD

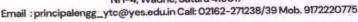
Vision: To become centre of excellence by producing Civil engineers having research and development activity, sound technical knowledge, professional skills and social ewareness to serve society. Mission:
M1: To impart quality technical education through interactive teaching learning method.
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society.





Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

Department of Civil Engineering

Academic Year 2023-24

Semester- EVEN

Structure of Course

Class	SY. SemIV						
Course Code and Course Title	BTCVC405 Hydraulics II						
Prerequisite/s	BTCVC304						
Teaching Scheme: Lecture/Tutorial/Practical	02/01/02						
Credits	03	1					
Evaluation Scheme: CA / MSE / ESE	20/20/60						

Course Outcomes:

Course Outcomes (Course Outcomes)	ourse Outcomes (COs): on successful completion of this course, the student will be able to:						
BTCVC405_1	BTCVC405_1 Design open channel sections in a most economical way.						
BTCVC405_2	BTCVC405_2 Know about the non-uniform flows in open channel and the characteristics of hydraulic jump.						
BTCVC405_3	Understand application of momentum principle of impact of jets on plane	L2					
BTCVC405_4	To analyze and select the pumps and turbines as per requirements	L3					

Mapping of CO's with PO's and PSO's:

Course Outcomes							Pro	gran	nme (Outcon	ies				
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO 2	PSO 3
BTCVC405_1	3	2	2									3	2		2
BTCVC405_2	3	2										2	2		2
BTCVC405_3	3	2										2	2		2
BTCVC405_4	3	2	2									3	3		2
Total	12	8	4									10	9		8
Average	3	2	2									2.5	2.25	2	2
BTCVC405	3	2	2									3	2.5	2	2

CO Attainment Targets:

CO	304 1	304 2	304 3	304 4
Previous Attainment				
Target for CAY				

Prepared by Course Coordinator

Verified by Academic Coordinator

Approved by **HOD-Civil**

Vision: To become centre of excellence by producing civil engineers having research and development activity, sound technical knowledge, professional skills and social awareness to serve society Mission:

M1: To impart quality technical education through interactive teaching learning method.

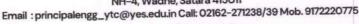
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society.



Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

Department of Civil Engineering

Academic Year 2023-24

Semester- EVEN

Structure of Course

Class	SY. Sem. –IV					
Course Code and Course Title	BTCVC406 Engineering Geology					
Prerequisite/s	Basic Civil Engineering					
Teaching Scheme: Lecture/Tutorial/Practical	03/00/00					
Credits	03					
Evaluation Scheme: CA / MSE / ESE	20/20/60					

Course Outcomes:

Course Outcomes Upon successful co	Course Outcomes (COs): Upon successful completion of this course, the student will be able to:						
BTCVC406_1	Recognize the different land forms which are formed by various geological agents.	L3					
BTCVC406_2	Identify the origin, texture and structure of various rocks and physical properties of mineral.	L3					
BTCVC406_3	Emphasize distinct geological structures which have influence on the civil engineering structure.	L3					
BTCVC406_4	Understand how the various geological conditions affect the design parameters of structures.	L2					

Mapping of CO's with PO's and PSO's:

						Pro	gran	ıme (Outcon	ies				
1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO	PSC
2	2				2	2					2	2	2	2
2	2				2	2								2
2	2				2							2		2
2												2		2
8	_											4		2
2	-				2									8
2.5		-	-		4							2	2	2
	2 2 2 8	2 2 2 2 2 2 2 2 8 8 2 2	2 2 2 2 2 2 2 2 8 8 2 2	2 2 2 2 2 2 2 8 8 8 2 2 2	2 2 2 2 2 2 8 8 8 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 8 8 2 2 2 2 2 2	1 2 3 4 5 6 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 2 2 2 2 2	1 2 3 4 5 6 7 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 2 2 2 2 2	1 2 3 4 5 6 7 8 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 2 2 2 2 2	1 2 3 4 5 6 7 8 9 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 2 2 2 2	1 2 3 4 5 6 7 8 9 10 11 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 2 2 2 2 2	1 2 3 4 5 6 7 8 9 10 11 12 PSO1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 8 8 2 2 2 2 2 2 25 2 2 2 2 2	1 2 3 4 5 6 7 8 9 10 11 12 PSO1 PSO 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 8 8 8 8 8 8 8 2 2 2 2 2 2 25 2 2 2 2 2 2

CO Attainment Targets:

CO	406 1	406 2	406 3	406 4
Previous Attainment			100_0	100_4
Target for CAY	0			

Prepared by Course Coordinator

Verified by Academic Coordinator

Vision: To become centre of excellence by producing professional skills and social awareness to serve society research and development activity, sound technical knowledge,

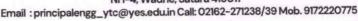
Mission:
M1: To impart quality technical education through interactive teaching (earning method.
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society

Approved by **HOD-Civil**



Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

Department of Civil Engineering

Academic Year 2023-24

Semester- EVEN

Structure of Course

Class	SY. Sem. –IV
Course Code and Course Title	BTCVL409 Hydraulics II LAB
Prerequisite/s	BTCVL308
Teaching Scheme:	02/01/02
Lecture/Tutorial/Practical	
Credits	01
Evaluation Scheme: CA / MSE / ESE	20/30

Course Outcomes:

	ourse Outcomes (COs): pon successful completion of this course, the student will be able to:						
BTCVL409_1	Understand various properties of fluids and measurement techniques.	L2					
BTCVL409_2	Carry out calibrations of various flow measuring devices.	L3					
BTCVL409_3	Understand mechanism of hydraulic jump, various jets and pumps.	L2					
BTCVL409_4	Work effectively in team to perform and findings the results.	L2					

Mapping of CO's with PO's and PSO's:

0	Programme Outcomes														
Course Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO 2	PSO 3
BTCVL409.1	3							2	2			2	3	2	2
BTCVL409.2	3							2	2			2	2	2	2
BTCVL409.3	3							2	2			2	2	2	2
BTCVL409.4								2	2			2	2	2	2
Total	9							8	8			8	9	8	8
Average	3							2	2			2	2.25	2	2
BTCVC405	3					1		2	2			2	2.5	2	2

CO Attainment Targets:

CO	409_1	409_2	409_3	409_4
Previous Attainment				
Target for CAY				

Prepared by **Course Coordinator**

Verified by Academie Coordinator Approved by **HOD-Civil**

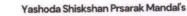
Vision: To become centre of excellence by producing civil engineers research and development activity, sound technical knowledge, professional skills and social awareness to serve society.

M1: To impart quality technical education through interactive teaching fearning method.

M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

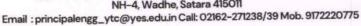
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society.





Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	TY Civil semester VI
Course Code and Course Title	BTCVC601, Design of RC Structures
Prerequisite/s	Mechanics of Solid
Teaching Scheme: Lecture/Tutorial/Practical	02/01/00
Credits	3
Evaluation Scheme: CA/MSE/ESE	20/20/60

Course Outcomes:

	Course Outcomes (COs): After successful completion of this course, the student will be able to:					
BTCVC601_1	Comprehend to the various design philosophies used for design of reinforced concrete.	L2				
BTCVC601_2	Analyze and design the reinforced concrete slab using limit state and working state method.	L3				
BTCVC601_3	Analyze and design the reinforced concrete beam using limit state and working state method.	L3				
BTCVC601_4	Analyze and design the reinforced concrete column using limit state and working state method.	L2				

Mapping of CO's with PO's and PSO's:

Course		Program Outcomes													
Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVC601_1	2											2	2	2	2
BTCVC601_2	3	3	2			2						2	2	2	2
BTCVC601_3	3	3	2			2						2	2	2	2
BTCVC601_4	3	3	2			2						2	2	2	2
Total	11	9	6			6				7		8	8	8	8
Average	2.75	3	2			2						2	2	2	0
BTCVC601	3	2	2									2	2	2	2

CO Attainment Targets:

CO	601_1	601_2	601_3	601 4	601 5
Previous Attainment				_	
Target for CAY					

Prepared by

Course Coordinator

Verified by Academic Coordinator Approved by HOD

Vision: To become centre of excellence by producing Givil engineers having research and development activity, sound technical knowledge, professional skills and social awareness to serve speety.

M1: To impart quality technical education through interactive teaching learning method.

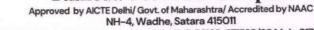
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

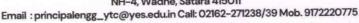
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society:











Faculty of Engineering

Department of Civil Engineering

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	T.Y. Sem. –V
Course Code and Course Title	BTCVC603 Transportation Engineering
Prerequisite/s	BTCVC305
Teaching Scheme: Lecture/Tutorial/Practical	03/00/02
Credits	03
Evaluation Scheme: CA / MSE / ESE	20/20/60

Course Outcomes:

Course Outcomes (C Upon successful com	COs): pletion of this course, the student will be able to:	Blooms Level				
BTCVC603_1	BTCVC603_1 Comprehend various types of transportation systems and their history of the development.					
BTCVC603_2	Design highway geometrics.	L3				
BTCVC603_3	Determine the quality of Materials used for pavements.	L2				
BTCVC603_4	Comprehend to various types of pavements	L2				
BTCVC603_5	Design the pavements by considering various aspects associated with traffic safety measures.	L3				

Mapping of CO's with PO's and PSO's:

Course Outcomes]	Progr	amm	e Out	come	s				
	1	2	3	4	5	6	7	8	9	10	11	12	PS	PSO	PSO
BTCVC603_1	3											3	2	2	2
BTCVC603_2	3	2	2									2	3	2	2
BTCVC603_3	3	2										2	2	2	2
BTCVC603_4	3	2										2	2	2	2
BTCVC603_5	3	2	2									3	3	2	2
Total	15	8	4									12	12	10	10
Average	3	2	2									2.4	2.4	2	2
BTCVC 603	3	2	2									2.5	2.5	2	2

CO Attainment Targets:

СО	603_1	603_2	603_3	603_4	603_5
Previous Attainment					
Target for CAY	0		- 1:		

Prepared by **Course Coordinator**

Approved by **HOD-Civil**

Vision: To become centre of excellence by producing esearch and development activity, sound technical knowledge, professional skills and social awareness to serve society / Mission:

M1: To impart quality technical education through interactive teaching learning method.

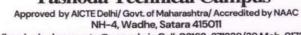
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

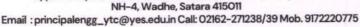
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society











Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	TY Civil semester VI
Course Code and Course Title	BTCVPE604F, Structural Audit
Prerequisite/s	Concrete Technology, Material Testing &
Teaching Scheme: Lecture/Tutorial/Practical	03/00/00
Credits	3
Evaluation Scheme: CA/MSE/ESE	20/20/60

Course Outcomes:

Course Outcome After successful of	es (COs): completion of this course, the student will be able to:	Blooms Level
BTCVC604F_1	Gain the knowledge of Bye laws, procedure of Structural audit and study the typical problems in structures	L2
BTCVC604F_2	Aware of causes and types of deterioration in structures.	L2
BTCVC604F_3	Develop skills for use of various Non-destructive tests required during auditing of structures.	L3
BTCVC604F_4	Strength evaluation of existing structures.	L2
BTCVC604F_5	Acquire knowledge of legal procedure to conduct structural audits.	L2
BTCVC604F_6	Prepare a Structural audit report	L2

Mapping of CO's with PO's and PSO's:

Course							Pro	ogra	ım (Outco	omes				
Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVPE604F_1	3			2		2	3	2				3	2	2	2
BTCVPE604F_2	3					2	2					3			
BTCVPE604F_3	3	3		2	3							2	3	2	2
BTCVPE604F_4	3	2				2	2					2	2		
BTCVPE604F_5	2	2				2	2	2			2	3	2		
BTCVPE604F_6	3	2				2	2	-	2	2	2	2	2		
Total	17	9		4	3	10	11	4	2	2	4	15	11	4	4
Average	2.83	2.25		2	3	2	2.2	2	2	2	2	2.5		4	4
BTCVPE604F	3	2		2	2	2	2	2	2	2	2	2.5	2.2	2	2

CO Attainment Targets:

CO	604_1	604_2	604_3	604_4	604 5
Previous Attainment					
Target for CAY	14)			

Prepared by **Course Coordinator**

Approved by

Vision: To become centre of excellence b ucing Civil end having research and development activity, sound technical knowledge, professional skills and s wareness to serve soc Faculty Mission:

M1: To impart quality technical education through interactive teaching learning method.

M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

M3: To mentor students for innovating thinking with celevance to entrepreneurship

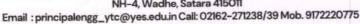
M4: To develop social awareness in graduates to serve society

Satara





Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	TY Civil semester VI					
Course Code and Course Title	BTCVC607, SDD of RC Structures Lab Mechanics of Solid, Design of RC Structures					
Prerequisite/s						
Teaching Scheme: Lecture/Tutorial/Practical	00/00/02					
Credits	1					
Evaluation Scheme: CA/ESE	20/30					

Course Outcomes:

Course Outcon	nes (COs):	Blooms
BTCVL607_1	Calculate different loads and perform load combination analysis for different RC buildings as per codal provisions.	L3
BTCVL607_2	Apply the principles, procedures and current code requirements for the design of RC beams, columns, slab, Footings.	L3
BTCVL607 3	Work in a group for design oriented task related to project.	L2
BTCVL607_4	Develop skills of technical report writing and comprehension of results etc.	L2
BTCVL607_5	Apply the knowledge in real life problems	L2

Mapping of CO's with PO's and PSO's:

Course Outcomes							F	rogi	ram	Outc	ome	S			
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVL607_1	3	3						3				3	2	2	
BTCVL607_2	3	3										3	2	2	
BTCVL607_3	3	3										3	2	2	2
BTCVL607_4									3	3		3	2		2
BTCVL607_5									3	3		3	2		
Total	9	9	0	0	0	0	0	3	6	6	0	15	10	6	4
Average	3	3						3	3	3	-	3	2	2	- 4
BTCVL607	3	3						3	3	3		3	2	2	2

CO Attainment Targets:

CO	607_1	607_2	607 3	607 4	607 5
Previous Attainment				_	
Target for CAY					

Sould Prepared by **Course Coordinator**

Academic Coordinator

Approved by HOD

Vision: To become centre of excellence by having research and development activity, sound technical knowledge, professional skills and s awareness to serve society. Mission:

M1: To impart quality technical education through interactive teaching learning method.

M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates h

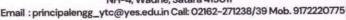
serve society. Satara

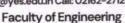


Yashoda Shiskshan Prsarak Mandal's

Yashoda Technical Campus

Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011







Department of Civil Engineering Academic Year 2023-24

Semester- EVEN

Structure of Course

T.Y. SemVI
BTCVL608Transportation Engineering LAB
03/00/02
01
20/30

Course Outcomes:

Course Outcomes (O Upon successful com	COs): pletion of this course, the student will be able to:	Blooms Level
BTCVL608_1	Perform tests on various road construction materials.	L3
BTCVL608_2	Perform CBR tests on local soils to determine subgrade properties needed for roadways.	L3
BTCVL608_3	Communicate effectively about laboratory work in both orally and writing	L2
BTCVL608_4	Work effectively in team to perform and findings the results.	L2

Mapping of CO's with PO's and PSO's:

C]	Progr	amm	e Out	come	S				
Course Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	PS O1	PSO 2	PSO 3
BTCVL 608.1	3	2										2	3	2	2
BTCVL 608.2	3	2	2									2	2	2	2
BTCVL 608.3									2	3		2			
BTCVL 608.4									3	3		2			
Total	6	4	2									8	5	4	4
Average	3	2	2									2	2.5	2	2
BTCVC 603	3	2	2									2	2.5	2	2

CO Attainment Targets:

CO	608_1	608_2	608_3	608_4
Previous Attainment	3	3	3	3
Target for CAY	3	3	3	3

Prepared by **Course Coordinator**

Verified by

Approved by **HOD-Civil**

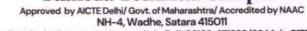
Vision: To become centre of excellence by producing research and development activity, sound technical knowledge, professional skills and social awareness to serve so

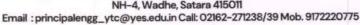
Mission:
M1: To impart quality technical education through interactive teaching learning method.
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4. To develop social awareness in graduates to serve so











Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	TY Civil semester V
Course Code and Course Title	BTCVP609, Mini Project
Prerequisite/s	Basic Civil Engineering
Teaching Scheme: Lecture/Tutorial/Practical	00/00/02
Credits	1
Evaluation Scheme: CA/ESE	20/30

Course Outcomes:

Course Outcom After successful	nes (COs): completion of this course, the student will be able to:	Blooms Level
BTCVP609_1	Identify thrust area in civil engineering and finalize problem statement.	L2
BTCVP609_2	Work and complete the methodology and give conclusion on the basis of results.	L2
BTCVP609_3	Work as an individual or in a team in development of technical projects.	L2
BTCVP609_4	Apply project management skills (scheduling work and working within the confines of a deadline).	L2
BTCVP609_5	Communicate technical information by means of report and presentation.	L2

Mapping of CO's with PO's and PSO's:

Course Outcomes							F	rog	ram	Outc	ome	S			
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVP609_1	3	3		2			2	3				3	2	2	
BTCVP609_2	3	3		2	2			1				3	2	2	2
BTCVP609_3	3	3				2						3	2	2	2
BTCVP609_4						2			3	3	2	3	2		
BTCVP609_5									3	3		3	2		
Total	9	9		4	2	4	2	3	6	6	2	15	10	6	4
Average	3	3		2	2	2	2	3	3	3	2	3	2	2	4
BTCVP609	3	3		2	2	2	2	3	3	3	2	3	2	2	2

CO Attainment Targets:

CO	609_1	609_2	609_3	609_4	609_5
Previous Attainment					
Target for CAY					

Prepared by **Course Coordinator**

Academic Coordinator

pproved by HOD

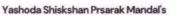
Vision: To become centre of excellence by cing Civil engineers having research and development activity, sound technical knowledge, professional skills and s awareness to serve society.

M1: To impart quality technical education through interactive teaching learning method.

M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

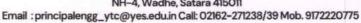
M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society.





Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC NH-4, Wadhe, Satara 415011





Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	Final Year Civil semester VIII					
Course Code and Course Title	BTCVP803, Project Stage II					
Prerequisite/s	Basic Civil Engineering, Mini Project, Project Phase I					
Teaching Scheme: Lecture/Tutorial/Practical	00/00/02					
Credits	12					
Evaluation Scheme: CA/ESE	100/100					

Course Outcomes:

Course Outcomes (COs): After successful completion of this course, the student will be able to:			
BTCEP803_1	Identify thrust area in civil engineering and finalize problem statement.	L2	
BTCEP803_2	Work and complete the methodology and give conclusion on the basis of results.	L2	
BTCEP803_3	Work as an individual or in a team in development of technical projects.	L2	
BTCEP803_4	Apply project management skills (scheduling work and working within the confines of a deadline).	L2	
BTCEP803_5	Communicate technical information by means of report and presentation.	L2	

Mapping of CO's with PO's and PSO's:

Course Outcomes							Pr	ogra	am C	utco	mes				
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVP803_1	3	3	2	2	2	3	2					3	3		
BTCVP803_2	3	3	2	2								2	2	2	2
BTCVP803_3	3	3	3		2							3	3	2	2
BTCVP803_4								3	3	3	3	3	3	_	2
BTCVP803_5					2	3		3	3	3	3	3	2		
Total	9	9	7	4	6	6	2	6	6	6	6	14	13	4	-
Average	3	3	2.33	2	2	3	2	3	3	3	2			4	6
BTCVP803	3	2	2	2	2	2	2	3	_	3	3	2.8	2.6	2	2
DICVP803	3	2	2	2	2	3	2	3	3	3	3	3	3	2	2

CO Attainment Targets:

CO	803_1	803_2	803_3	803_4	803_5
Previous Attainment					
Target for CAY		0			

Prepared by Course Coordinator

Verified by Academic Coordinator

Approved by HOD

Vision: To become centre of excellence by having research and development activity, sound technical knowledge, professional skills and sport

M1: To impart quality technical education through

nteractive teaching earning method.

by exceuraging creativity and exposure to real world problem.

clevance to entrepreneurship M2: To promote research and development actions M3: To mentor students for innovating thinking with

M4: To develop social awareness in graduates

Satara