Yashoda Shiskshan Prsarak Mandal's
Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC
NH-4, Wadhe, Satara 415011
Email : principalengg_ytc@yes.edu.in Call: 02162-271238/39 Mob. 9172220775
Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	Final Year Civil semester VII
Course Code and Course Title	BTCVC701, Design of RC & PSC Structures
Prerequisite/s	Mechanics of Solid, Design of RC Structures
Teaching Scheme: Lecture/Tutorial	03/01
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:		**Blooms Level**
BTCVC701_1	Analyse and design of the beam sections subjected to torsion.	**L4**
BTCVC701_2	Analyse and design of axially and eccentrically loaded column and construct the interaction diagram for them.	**L4**
BTCVC701_3	Discuss various concepts, systems and losses in pre-stressing.	**L2**
BTCVC701_4	Analyse and design the rectangular and symmetrical I-section pre-stressed beam / girders.	**L4**

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

Course Outcomes	Program Outcomes														
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVC701_1	2	2	2					2	2	2		2		2	2
BTCVC701_2	2	2	2					2	2	2		2	1	2	2
BTCVC701_3	2	2						2	2	2		2	2	2	2
BTCVC701_4	3	2	2					2	2	2		2	1	2	2
Total	9	8	6					8	8	8		8	4	8	8
Average	2.25	2.00	2.00					2.00	2	2.00		2.00	1.33	2.00	2.00
BTCVC701	2	2	2					1	2	2		2	1	2	2

Prepared by
Course Coordinator

Verified by
Academic Coordinator

Approved by
HOD
H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Yashoda Shiskshan Prsarak Mandal's
Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC
NH-4, Wadhe, Satara 415011
Email : principalengg_ytc@yes.edu.in Call: 02162-271238/39 Mob. 9172220775
Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	Final Year Sem. – VII
Course Code and Course Title	BTCVC702 Infrastructure Engineering
Prerequisite/s	Basic Civil Engineering
Teaching Scheme: Lecture	03
Credits	3
Evaluation Scheme: CA/MSE/ESE	20/20/60

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCVC702_1	Discuss about the basics and design of various components of railway engineering, mass rapid transit system.	**L2**
BTCVC702_2	Explain the types and functions of tracks, junctions and railway stations.	**L3**
BTCVC702_3	Describe the aircraft characteristics, planning and components of airport engineering.	**L2**
BTCVC702_4	Explain the types and components of docks and harbors.	**L3**
BTCVC702_5	Review the tunnel engineering.	**L2**

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

Course Outcomes	Program Outcomes														
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVC702_1	2								2	2		2		2	2
BTCVC702_2	2	2	2						2	2		2		2	2
BTCVC702_3	1													2	1
BTCVC702_4	1											1		2	1
BTCVC702_5	2		2				2					1		2	1
Total	8	2	4				2		4	4		6		10	7
Average	1.6	2	2				2		2	2		1.5		2	1.4
BTCVC702	**2**	**2**	**2**				**2**		**2**	**2**		**1**		**2**	**1**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus Faculty of Engg (IC) Satara

Approved by
HOD

H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Department of Civil Engineering

Academic Year 2024-25 **Semester- ODD**

Structure of Course

Class	B. Tech. Sem. –VI
Course Code and Course Title	BTCVC703 Construction Techniques
Prerequisite/s	Engineering Geology, Geotechnical Engineering, Concrete Technology
Teaching Scheme: Lecture	03
Credits	03
Evaluation Scheme: CA / MSE / ESE	20/20/60

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCVC703 _1	Discuss the planning of new project with site accessibility and services required.	**L2**
BTCVC703 _2	Choose the various civil construction equipment's.	**L3**
BTCVC703 _3	Explain with layout of RMC plant, production, capacity and operation process.	**L2**
BTCVC703_4	Identify various aspect of road construction, construction of diaphragm walls, railway track construction etc.	**L3**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO 1**	**PSO 2**	**PSO 3**
BTCVC703 _1	2							2			2	2		3	2
BTCVC703 _2	3							2			2	2	2	3	2
BTCVC703 _3	2							2				2		3	2
BTCVC703_4	**2**							2				**2**	2	3	2
Total	9							8			4	8	4	12	8
Average	2.5							2			2	2	2	3	2
BTCVC703	**3**							**2**			**2**	**2**	**2**	**3**	**2**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus Faculty of Engg.(Civil) Satara

Approved by
HOD- Civil

H.O.D.
Civil Engineering
YSPM's Yashoda Technical Campus, Satara

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.

Department of Civil Engineering

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	B Tech Sem. – VII
Course Code and Course Title	BTCVC704 Professional Practices
Prerequisite/s	Quantity Surveying
Teaching Scheme: Lecture/Tutorial	03/01
Credits	4
Evaluation Scheme: CA/ESE	20/20/60

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCVC704_1	Prepare estimate for various structures considering rates analysis.	**L3**
BTCVC704_2	Calculate quantities of various item work as per specifications and prepare bills.	**L3**
BTCVC704_3	Discuss various types of contracts, accounts and methods in PWD.	**L3**
BTCVC704_4	Prepare and discuss tender and tender documents.	**L3**
BTCVC704_5	Compare various methods of valuation and factors affecting for valuation.	**L4**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO 1**	**PSO 2**	**PS O3**
BTCVC704_1	3	3	2					3	2	2		3	2	2	2
BTCVC704_2	3	3	2					3	2	2		3	2	2	2
BTCVC704_3	3	3	2					3	2	2		3	2	2	2
BTCVC704_4	3	3	2					3	2	2		3	2	2	2
BTCVC704_5	3	3	2					3	2	2		3	2	2	2
Total	15	15	10					15	10	10		15	10	10	10
Average	3	3	2					3	2	2		3	2	2	2
BTCVC704	**3**	**3**	**2**					**3**	**2**	**2**		**3**	**2**	**2**	**2**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus Faculty of Engg.(Civil) Satara

Approved by
H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Yashoda Shiskshan Prsarak Mandal's
Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC
NH-4, Wadhe, Satara 415011
Email : principalengg_ytc@yes.edu.in Call: 02162-271238/39 Mob. 9172220775
Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25 **Semester- ODD**

Structure of Course

Class	B. Tech. Sem. – VII
Course Code and Course Title	BTCVE705I., Bridge Engineering
Prerequisite/s	Steel Structure Design, Design of Reinforced Concrete Structures, Transportation Engineering
Teaching Scheme: Lecture	3
Credits	3
Evaluation Scheme: CA/MSE/ESE	20/20/60

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCVE705I _1	Explain various components of bridges and its types.	**L3**
BTCVE705I_ 2	Discuss site selection criteria for construction of bridge.	**L2**
BTCVE705I_ 3	Calculate various forces acting on bridges	**L3**
BTCVE705I _4	Analyze bridge super structures using different analysis techniques.	**L4**
BTCVE705I _5	Describe importance of different types of bridge bearings.	**L2**

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

Course Outcomes	Programme Outcomes														
	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
BTCVE705I _1	3	2	2		2		2			2		2	2	3	2
BTCVE705I _2	2	3	2	2	2		3			2	2	2	3	3	2
BTCVE705I _3	3	3	2	2	3		2			2	2	2	2	3	2
BTCVE705I _4	3	3	3	3	3		2			3	2	3	2	3	3
BTCVE705I _5	2	2	2	2	2		2			2		2	2	2	2
Total	13	13	11	9	12		11			11	6	11	11	14	11
Average	2.6	2.6	2.2	2.25	2.4		2.2			2.2	2	2.2	2.2	2.8	2.2
BTCVE705I	3	3	2	2	2		2			2	2	2	2	3	2

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus Faculty of Engg.(Civil) Satara

Approved by
H.O.D.
Civil Engineering
YSPM's Yashoda Technical Campus, Satara

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.

Department of Civil Engineering

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	B Tech. Sem. – VII
Course Code and Course Title	BTCVOE706G , Bamboo Construction Technology
Prerequisite/s	Material Testing and Evaluation
Teaching Scheme: Lecture	03
Credits	Audit

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCVOE706G _1	Explain need of Bamboo in construction.	**L3**
BTCVOE706G _2	Discuss bamboo as a construction material.	**L2**
BTCVOE706G _3	Develop construction techniques in bamboo	**L3**
BTCVOE706G _4	Apply knowledge of Bamboo anatomy and Properties in Practical design of Bamboo Projects.	**L3**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO 1**	**PSO 2**	**PSO 3**
BTCVOE706G _1	3	3	2		2	3	3		2			3	2	2	2
BTCVOE706G _2	3	3	2		2	3	3		2			3	2	2	2
BTCVOE706G _3	3	3	2		2	3	3		2			3	2	2	2
BTCVOE706G _4	3	3	2		2	3	3		2			3	2	2	2
Total	12	12	8		8	12	12		8			12	8	8	8
Average	3	3	2		2	3	3		2			3	2	2	2
BTCVOE706G	**3**	**3**	**2**		**2**	**3**	**3**		**2**			**3**	**2**	**2**	**2**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM'S Yashoda Technical Campus ★ Satara ★ Faculty of Engg.(Civil)

Approved by
HOD

H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Yashoda Shikshan Prsarak Mandal's
Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC
NH-4, Wadhe, Satara 415011
Email : principalengg_ytc@yes.edu.in Call: 02162-271238/39 Mob. 9172220775
Faculty of Engineering

Department of Civil Engineering

Academic Year 2024-25 Semester- ODD

Structure of Course

Class	B Tech. Sem. – VII
Course Code and Course Title	BTHM707A Essence of Indian Traditional Knowledge
Prerequisite/s	--
Teaching Scheme: Lecture	02
Credits	Audit
Evaluation Scheme: CA/ESE	-

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTHM707A_1	Discuss the concept of an education system, protecting traditional knowledge, Artistic Traditions and its importance.	**L2**
BTHM707A_2	Explain Indian Linguistic Tradition and Holistic Health care activities.	**L3**
BTHM707A_3	Observe Philosophical Traditions in ancient India.	**L2**
BTHM707A_4	Explain the concept of ancient Indian science and technology in different sectors.	**L3**
BTHM707A_5	Analyze the case studies of development of engineering services.	**L4**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO1**	**PSO2**	**PSO3**
BTHM707A_1						1		1	1	1		2			
BTHM707A_2						1		1	1	1		2		1	
BTHM707A_3						1		1	1	1		1		1	
BTHM707A_4						1		1	1	1		1			
BTHM707A_5						1		1	1	1		1			
Total						5		5	5	5		7		2	
Average						1		1	1	1		1.4		1	
BTHM707A						**1**		**1**	**1**	**1**		**1**		**1**	

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM'S Yashoda Technical Campus Faculty of Engg.(Civil) Satara

Approved by
HOD
H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Yashoda Shiskshan Prsarak Mandal's
Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC
NH-4, Wadhe, Satara 415011
Email : principalengg_ytc@yes.edu.in Call: 02162-271238/39 Mob. 9172220775
Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	Final Year Civil semester VII
Course Code and Course Title	BTCVC708, Design & Drawing of Pre-stressed Concrete
Prerequisite/s	Mechanics of Solid, Design of RC & PSC Structures
Teaching Scheme: Practical	02
Credits	1
Evaluation Scheme: CA/ESE	30/20

Course Outcomes:

Course Outcomes (COs): After successful completion of this course, the student will be able to:		**Blooms Level**
BTCVL708_1	Classify different types of losses.	**L2**
BTCVL708_2	Explain various concepts, systems and in pre-stressing.	**L3**
BTCVL708_3	Compute the behaviour of the beam sections subjected to torsion.	**L3**
BTCVL708_4	Design and drawing of slab and girders.	**L4**
BTCVL708_5	Discuss technical information by means of report and presentation.	**L2**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO1**	**PSO2**	**PSO3**
BTCVL708_1	2	1							2	2		2	1	2	2
BTCVL708_2	2	2						2	2	2		2		2	
BTCVL708_3	3	2	2						2	2		2		2	2
BTCVL708_4	2	2	2						2	2		2		2	
BTCVL708_5									2	3		2	1	2	
Total	9	7	4					2	10	11		10	2	10	4
Average	2.25	1.75	2.00					2.00	2.00	2.20		2.00	1.00	2.00	2.00
BTCVL708	**2**	**2**	**2**					**2**	**2**	**2**		**2**	**1**	**2**	**2**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus ★ Faculty of Engg.(Civil) ★ Satara

Approved by
HOD

H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Department of Civil Engineering

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	B Tech Sem. – VII
Course Code and Course Title	BTCVL709 Professional Practices Laboratory
Prerequisite/s	Quantity Surveying
Teaching Scheme: Practical	02
Credits	1
Evaluation Scheme: CA/ESE	30/20

Course Outcomes:

Course Outcomes (COs): After successful completion of this course, the student will be able to:		**Blooms Level**
BTCVL709	Calculate estimates for different types of structure.	**L3**
BTCVL709	Prepare the rate analysis as per specification of task.	**L3**
BTCVL709	Prepare different various types of contract and tender documents.	**L3**
BTCVL709	Calculate land & building valuation.	**L3**
BTCVL709	Calculate estimates for different types of structure.	**L3**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO 1**	**PSO 2**	**PS O3**
BTCVL709 _1	3	3	2		2	3	3	3	2			3	2	2	2
BTCVL709 _2	3	3	2		2	3	3	3	2			3	2	2	2
BTCVL709 _3	3	3	2		2	3	3	3	2			3	2	2	2
BTCVL709 _4	3	3	2		2	3	3	3	2			3	2	2	2
Total	12	12	8		8	12	12	12	8			12	8	8	8
Average	3	3	2		2	3	3	3	2			3	2	2	2
BTCVL709	**3**	**3**	**2**		**2**	**3**	**3**	**3**	**2**			**3**	**2**	**2**	**2**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus Faculty of Engg.(Civil) Satara

Approved by
HOD

H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.

Department of Civil Engineering

Academic Year 2024-25 **Semester- ODD**

Structure of Course

Class	B tech. Sem. – VII
Course Code and Course Title	BTCVS710 Seminar
Prerequisite/s	Internship
Teaching Scheme: Practical	02
Credits	01
Evaluation Scheme: ESE	50

Course Outcomes:

Course Outcomes (COs): Upon successful completion of this course, the student will be able to:		**Blooms Level**
BTCVS710 _1	Discuss road components and materials.	**L2**
BTCVS710 _2	Identify construction machinery and their functions.	**L2**
BTCVS710 _3	Explain road construction phases and their purpose.	**L3**
BTCVS710 _4	Apply road construction knowledge to site visits.	**L3**

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

Course Outcomes	**Program Outcomes**														
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PSO 1**	**PSO 2**	**PSO 3**
BTCVS710 _1	3	3	2		2			2	2	2	2	2	2	2	2
BTCVS710 _2	3	3	2		2			2	2	2	2	2	2	2	2
BTCVS710 _3	3	3	2		2			2	2	2	2	2	2	2	2
BTCVS710 _4	3	3	2		2			2	2	2	2	2	2	2	2
Total	12	12	8		8			8	8	8	8	8	8	8	8
Average	3	3	2		2			2	2	2	2	2	2	2	2
BTCVS710	**3**	**3**	**2**		**2**			**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM'S Yashoda Technical Campus ★ Faculty of Engg.(Civil) ★ Satara

Approved by
HOD

H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus,Satara

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.

Yashoda Shiskshan Prsarak Mandal's
Yashoda Technical Campus
Approved by AICTE Delhi/ Govt. of Maharashtra/ Accredited by NAAC
NH-4, Wadhe, Satara 415011
Email : principalengg_ytc@yes.edu.in Call: 02162-271238/39 Mob. 9172220775
Faculty of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2024-25

Semester- ODD

Structure of Course

Class	Final Year Civil semester VII
Course Code and Course Title	BTCVP711, Project Stage I
Prerequisite/s	Basic Civil Engineering, Mini Project, Seminar
Teaching Scheme: Practical	4
Credits	3
Evaluation Scheme: ESE	50

Course Outcomes:

Course Outcomes (COs): After successful completion of this course, the student will be able to:		**Blooms Level**
BTCVP711 _1	Identify thrust area in civil engineering and finalize problem statement.	**L2**
BTCVP711 _2	Explain the literature to search for technical information from various resources on selected problem.	**L3**
BTCVP711 _3	Practice work as an individual or in a team in development of technical projects.	**L3**
BTCVP711 _4	Apply project management skills.	**L3**
BTCVP711 _5	Summarize technical information by means of report and presentation.	**L5**

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

Course Outcomes	Program Outcomes														
	1	2	3	4	5	6	7	8	9	10	11	12	PS	PS	PS
BTCVP71	3	2	2	2	1	2	2	2	2	2		2	2	2	3
BTCVP71	1	2	2	2	2			2	2	2	1	2	1	2	2
BTCVP71								2	3	2	2	2	2	2	2
BTCVP71	1				2	2	1	2	2	2	3	2	2		2
BTCVP71					2	2	1		3	3		2			2
Total	5	4	4	4	7	6	4	8	12	11	6	10	7	6	11
Average	1.6	2.0	2.0	2.0	1.7	2.0	1.3	2.0	2.4	2.2	2.0	2.0	1.75	2.00	2.20
BTCVP71	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2

Prepared by
Course Coordinator

Verified by
Academic Coordinator

YSPM's Yashoda Technical Campus Faculty of Engg.(Civil) Satara

Approved by
H.O.D.
Civil Engineering
YSPM'S Yashoda Technical Campus, Satara

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.