

CIRCULAR

V and VII semester students are hereby informed to give their elective subject options to their respective class coordinators before 25/01/2021, for the upcoming semester. **Google form link will be shared through whatsapp.**

Elective subject and faculty handling the elective subject details are given below:

- 1) V (2018 scheme) semester students shall propose **ONE** elective subject each from **Professional Elective 1** and **Open elective A**.
- 2) V (2015/2017 scheme) semester students shall propose **ONE** elective subject from **Professional Elective 2** and **Open elective 2**.
- 3) VII semester students shall propose **ONE** elective subject from **Professional elective 5**
- 4) Following is the elective subject allotment criteria:
 - a) Minimum number of students for one elective subject for VI semester is 40.
 - b) Minimum number of students for one elective subject for VIII semester is 30.
 - c) Maximum number of student is full class strength.
 - d) Recommendation by the Subject Allotment Committee from the department.
 - e) Discretion of HOD.
- 5) Elective subjects once opted cannot be changed in future.

VII SEMESTER GROUP – ELECTIVE SUBJECT OPTIONS & FACULTY

SL. NO.	GROUP	SUBJECT CODE	SUBJECT TITLE	FACULTY
01	Professional Elective 5	17/15CV831	Earthquake Engineering	Mrs. Veena D Savanth
02		17/15CV832	Hydraulic Structures	Ms. Kavyashree S
03		17/15CV833	Pavement Design	Mr. Shankargiri K S

DEPARTMENT OF CIVIL ENGINEERING

V SEMESTER GROUP – ELECTIVE SUBJECT OPTIONS & FACULTY (2015/17 Scheme)

SL. NO.	GROUP	SUBJECT CODE	SUBJECT TITLE	FACULTY
01	Professional Elective 2	17/15CV651	Solid Waste Management	Ms. Kavyashree S
02		17/15CV653	Alternative Building Materials	Mr. Billigraham M Kurian
03	Open elective 2.	17/15CV661	Water Resource Management	Dr. H G Umeshchandra
04		17/15CV663	Numerical Methods and Application	Mr. Sandeep Kumar D S

V SEMESTER GROUP – ELECTIVE SUBJECT OPTIONS & FACULTY (2018 scheme)

SL. NO.	GROUP	SUBJECT CODE	SUBJECT TITLE	FACULTY
01	Professional Elective 1	18CV642	Solid Waste Management	Ms. Kavyashree S
02		18CV643	Alternative Building Materials	Mr. Billigraham M Kurian
03		18CV645	Railway, Harbors, Tunneling & Airports	Dr. H Ajith Hebbar
04	Open elective 1	18CS653	Programming in JAVA	Ms. Jaishma
05		18CS654	Introduction to Operating System	Mr. Surendra
06		18CS652	Introduction to DS & Algorithm	Ms. Shilpa
07		18ECE651	Signal Processing	Mr. Pavez Sharief
08		18ME651	Non-Conventional Energy Resources	Mr. Gurushanth B Vaggar

Date: 19/01/2021


HOB

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Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodabidri - 574 225

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM

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

VI SEMESTER

B.E: CIVIL ENGINEERING

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	17CV61	Construction Management and Entrepreneurship	Civil Engg.	04		03	60	40	100	4
2	17CV62	Design of Steel Structural Elements	Civil Engg.	04		03	60	40	100	4
3	17CV63	Highway Engineering	Civil Engg.	04		03	60	40	100	4
4	17CV64	Water Supply and Treatment Engineering	Civil Engg.	04		03	60	40	100	4
5	17CV65X	Professional Elective-2	Civil Engg.	03		03	60	40	100	3
6	17CV66X	Open Elective-2	Civil Engg.	03		03	60	40	100	3
7	17CVL67	Software Application Laboratory	Civil Engg.	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
8	17CVL68	Extensive Survey Project /Camp	Civil Engg.	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
TOTAL				Theory:22hours Practical: 06 hours		24	480	320	800	26

Professional Elective-2		Open Elective – 2*** (List offered by Civil Engg Board only)	
17CV651	Solid Waste Management	17CV661	Water Resource Management
17CV652	Matrix Method of Structural Analysis	17CV662	Environmental Protection and Management
17CV653	Alternative Building Materials	17CV663	Numerical Methods and Applications
17CV654	Ground Improvement Techniques	17CV664	Finite Element Analysis

***Students can select any one of the open electives offered by any Department (Please refer to consolidated list of VTU for open electives).
Selection of an open elective is not allowed, if:

- The candidate has no pre – requisite knowledge.
 - The candidate has studied similar content course during previous semesters.
 - The syllabus content of the selected open elective is similar to that of Departmental core course(s) or to be studied Professional elective(s).
- Registration to open electives shall be documented under the guidance of Programme Coordinator and Adviser.

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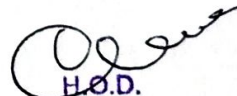
B.E: CIVIL ENGINEERING

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
TOTAL				Theory: 11 hours Project and Seminar: 10 hours		15	330	370	700	20

Professional Elective -5	
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


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
CIVIL ENGINEERING
 Scheme of Teaching and Examination 2018 – 19
 Outcome Based Education(OBE) and Choice Based Credit System (CBCS)
 (Effective from the academic year 2018 – 19)

VI SEMESTER

VI SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18CV61	Design of Steel Structural Elements	Civil Engg.	3	2	--	03	40	60	100	4
2	PCC	18CV62	Applied Geotechnical Engineering	Civil Engg.	3	2	--	03	40	60	100	4
3	PCC	18CV63	Hydrology and Irrigation Engineering	Civil Engg.	3	2	--	03	40	60	100	4
4	PEC	18CV64X	Professional Elective -1	Civil Engg.	3	--	--	03	40	60	100	3
5	OEC	18CV65X	Open Elective -A	Civil Engg.	3	--	--	03	40	60	100	3
6	PCC	18CVL66	Software Application Laboratory	Civil Engg.	--	2	2	03	40	60	100	2
7	PCC	18CVL67	Environmental Engineering Laboratory	Civil Engg.	--	2	2	03	40	60	100	2
8	EP	18CVEP68	Extensive Survey project	Civil Engg.	--	2	2	03	40	60	100	2
9	Internship	--	Internship	To be carried out during the vacation/s of VI and VII semesters and /or VII and VIII semesters.								
TOTAL					15	12	06	24	320	480	800	24

Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project.

Professional Elective -1

Course code under 18CV64X

18CV641

Matrix Method of Structural Analysis

18CV642	Solid Waste Management
18CV643	Alternate Building Materials
18CV644	Ground Improvement Techniques
18CV645	Railway, Harbours, Tunnelling & Airports
Open Elective -A	
Course code under 18CV65X	
18CV651	Remote Sensing & GIS
18CV652	Traffic Engineering
18CV653	Occupational Health & Safety
18CV654	Sustainability Concepts in Civil Engineering
18CV655	Intelligent Transportation Systems
18CV656	Conservation of Natural Resources
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (Please refer to the list of open electives under 18XX65X). Selection of an open elective shall not be allowed if, • The candidate has studied the same course during the previous semesters of the programme. • The syllabus content of open elective is similar to that of the Departmental core courses or professional electives. • A similar course, under any category, is prescribed in the higher semesters of the programme. Registration to electives shall be documented under the guidance of Programme Coordinator/ Advisor/Mentor. Internship: All the students admitted to III year of BE/B. Tech shall have to undergo mandatory internship of 4 weeks during the vacation of VI and VII semesters and /or VII and VIII semesters. A University examination shall be conducted during VIII semester and the prescribed credit shall be included in VIII semester. Internship shall be considered as a head of passing and shall be considered for the award of degree. Those, who do not take-up/complete the internship shall be declared fail and shall have to complete during subsequent University examination after satisfying the internship requirements.	
AICTE activity Points: In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.	


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List of the Elective subject Opted by students

SL. NO.	Semester	Group	SUBJECT CODE	SUBJECT TITLE	Count
01	8	Professional Elective 5	17/15CV832	Hydraulic Structures	103
02	6	Professional Elective 2	17/15CV653	Alternative Building Materials	07
03	6	Open Elective 2	17/15CV661	Water Resource Management	07
04	6	Professional Elective 1	18CV643	Alternative Building Materials	18
05	6	Professional Elective 1	18CV645	Railway, Harbors, Tunneling & Airports	37
06	6	Open Elective 1	18CS652	Introduction to DS & Algorithm	04
07	6	Open Elective 1	18ME651	Non-Conventional Energy Resources	51

Professional Elective 5 Student List

Subject - Hydraulic Structures (17/15CV832)

Sl. No	Student USN	Student Name
1.	4AL15CV009	Alivelu Abhilash
2.	4AL15CV102	Vignesh S
3.	4AL16CV010	Ashish Motgi
4.	4AL16CV014	Azgar Bilal
5.	4AL16CV033	Irom Bishwamitra Singh
6.	4AL16CV047	Manoj V
7.	4AL16CV064	Prajwal H M
8.	4AL16CV067	Premkumar G J
9.	4AL16CV075	Roshan Kamath
10.	4AL16CV081	Sanjay M M
11.	4AL16CV083	Sapam Cha Paari
12.	4AL17CV402	Sharathchandra

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13.	4AL15CV052	Manikanta P
14.	4AL16CV092	Sunil Kumar C K
15.	4AL16CV112	Shreshta
16.	4AL17CV002	Adarsh M
17.	4AL17CV003	Akumtoshi T Jamir
18.	4AL17CV004	Areshwarreddy
19.	4AL17CV005	Ashwini P Chandrapattan
20.	4AL17CV006	Ashwini S C
21.	4AL17CV007	Aspar A K
22.	4AL17CV009	Bhagyashree
23.	4AL17CV010	Bhagyashree A K
24.	4AL17CV011	Bhandary Darshan Satish
25.	4AL17CV013	Bhuvan J Shetty
26.	4AL17CV015	Chetan Kumar V
27.	4AL17CV016	Dhanush Hemant Kottari
28.	4AL17CV017	Dipu Laishram
29.	4AL17CV018	Divakar P V
30.	4AL17CV019	Gokulkrishna
31.	4AL17CV020	Hithesh P
32.	4AL17CV022	Kannika M N
33.	4AL17CV023	Karthik Kapse
34.	4AL17CV025	Kavya S S
35.	4AL17CV027	Lidise Y Sangtam
36.	4AL17CV028	Likhith B Shetty
37.	4AL17CV029	Lustre Chongtham
38.	4AL17CV030	M Advith Jain
39.	4AL17CV031	M Harsha Kumar
40.	4AL17CV033	Malakanna Sharanappa Kudari
41.	4AL17CV034	Manoj G
42.	4AL17CV035	Manojkumar B

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43.	4AL17CV036	Mithulesh J M
44.	4AL17CV037	Mithun Gowda B
45.	4AL17CV038	Mohamed Rehan
46.	4AL17CV039	Mohammed Nadeem Shaikh
47.	4AL17CV040	Mohammed Nesar K
48.	4AL17CV041	Mohammed Valced Ali
49.	4AL17CV042	Moshin I Bijapur
50.	4AL17CV043	Naveena M
51.	4AL16CV049	Mohith Gowda P
52.	4AL17CV044	Nidhi S
53.	4AL17CV048	P Jose Sharon
54.	4AL17CV049	Pavan M
55.	4AL17CV051	Pradeep Chandrashekhar Teggi
56.	4AL17CV052	Prajwal I K
57.	4AL17CV054	Preetham S
58.	4AL17CV057	Rajkumar M Rathod
59.	4AL17CV058	Rajakumar Sanathoi
60.	4AL17CV060	Sachin Basavaraj Biradar
61.	4AL17CV061	Sagar K J
62.	4AL17CV063	Sharanabasappa Patil
63.	4AL17CV064	Shashank Sirsikar
64.	4AL17CV066	Shriharsha S Taddewadi
65.	4AL17CV067	Shwethashree
66.	4AL17CV068	Somorjit
67.	4AL17CV069	Soniya G S
68.	4AL17CV070	Soraisam Priyamani Devi
69.	4AL17CV071	Srajan Das
70.	4AL17CV072	Srinivasa R
71.	4AL17CV073	Supriya S
72.	4AL17CV074	Sushmitha
73.	4AL17CV075	Tasmiya Anjum

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74.	4AL17CV076	Thiyam Castro Singh
75.	4AL17CV077	Vaibhava S
76.	4AL17CV078	Vedashree G
77.	4AL17CV080	Vidyashree
78.	4AL17CV081	Vijayalakshmi K R
79.	4AL17CV082	Vikas G Gowda
80.	4AL17CV083	Viraj
81.	4AL17CV084	Vishal S
82.	4AL17CV085	Vishwas K Somashekaraiah
83.	4AL17CV086	Wahengbam Aristo Singh
84.	4AL17CV087	Warepam Kishan Singh
85.	4AL17CV088	Yajnesh Madivala
86.	4AL17CV089	Yendrembam Malemnganba
87.	4AL17CV090	Yuvaraj N
88.	4AL17CV091	Naveen B M
89.	4AL17CV092	Venkatesh L
90.	4AL18CV400	Chethan C G
91.	4AL18CV402	Iftikhar Ul Islam
92.	4AL18CV403	Jayalakshmi P K
93.	4AL18CV404	Malik Faisal
94.	4AL18CV405	Prabhavathi Kumbar
95.	4AL18CV406	Prajwal G
96.	4AL18CV407	Sathish S
97.	4AL18CV408	Shravya
98.	4AL18CV409	Sunil Naik H
99.	4AL18CV410	Thejas P L
100.	4AL18CV411	Tejaswini G
101.	4AL18CV412	Uday Rathod B M
102.	4AL18CV413	Virupaksha R
103.	4AL18CV414	Yogesh Kumar N

Professional Elective 2 Student List

Subject - Alternative Building Materials (17/15CV653)

SL NO	USN	Student Name
1	4AL16CV020	Boriskhaidem
2	4AL16CV025	Darshan M
3	4AL16CV069	Raghavendra B M
4	4AL17CV008	Basavanagouda M H
5	4AL17CV012	Bhushan S
6	4AL17CV047	Om Prakash
7	4AL18CV401	Hari Prasad R

Open Elective 2 Student List

Subject - Water Resource Management (17/15CV661)

SL NO	USN	Student Name
1	4AL16CV020	Boriskhaidem
2	4AL16CV025	Darshan M
3	4AL16CV069	Raghavendra B M
4	4AL17CV008	Basavanagouda M H
5	4AL17CV012	Bhushan S
6	4AL17CV047	Om Prakash
7	4AL18CV401	Hari Prasad R

Open Elective 1 Student List

Subject: Introduction to DS & Algorithm (18CS652)

Sl No	Student Usn	Student Name
1.	4AL18CV005	Akash Patil
2.	4AL18CV006	Amogha H
3.	4AL18CV008	Arun Kagalgomb
4.	4AL18CV012	Channabasava

Open Elective 1 Student List

Subject: Non-Conventional Energy Resources (18ME651)

Sl No	Student Usn	Student Name
1.	4AL17CV026	Kiran Sagar K
2.	4AL17CV050	Pavan Gowda K.C
3.	4AL18CV002	Abhishek Anil Nambiar
4.	4AL18CV003	Abhishek Potadar
5.	4AL18CV004	Akarsh K
6.	4AL18CV007	Aradhya V Mathad
7.	4AL18CV009	Arun Kumar Shekappa
8.	4AL18CV010	Arvin Yumnam
9.	4AL18CV011	Basanagouda
10.	4AL18CV013	Dhananjay A N
11.	4AL18CV015	Kavya H P
12.	4AL18CV016	Kushanth C
13.	4AL18CV017	M Sanjay
14.	4AL18CV018	Manjunath G Y
15.	4AL18CV019	Mohammed Afreen
16.	4AL18CV022	Mohammed Zainuddin
17.	4AL18CV024	Naveen K S
18.	4AL18CV025	Neha N Rathod
19.	4AL18CV027	Nitesh Seetaram Naik

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20.	4AL18CV031	Ranjan Rao
21.	4AL18CV032	Sagolshem Sherlock
22.	4AL18CV033	Sairochana P S
23.	4AL18CV034	Sajjalashri V Devapur
24.	4AL18CV035	Sangeeta
25.	4AL18CV036	Sheetal P Talakeri
26.	4AL18CV037	Shilpa Naik
27.	4AL18CV038	Shivakumar
28.	4AL18CV041	Shreeganesh G R
29.	4AL18CV043	Sreeram S
30.	4AL18CV044	Samukcham Nongyeng
31.	4AL18CV045	Sunil
32.	4AL18CV046	Supreeth V
33.	4AL18CV047	Vinod Kumar Laishram
34.	4AL18CV049	Yeshwanth B A
35.	4AL18CV050	Kumar M R
36.	4AL19CV400	Akash Shetty
37.	4AL19CV401	Asrar Ul Fayaz Bhat
38.	4AL19CV402	Faizana Ishaq
39.	4AL19CV403	Harish J.K.
40.	4AL19CV404	Harisha R.
41.	4AL19CV405	Harshavardhana H
42.	4AL19CV406	Lokesh S
43.	4AL19CV407	Mohammed Raihan
44.	4AL19CV408	Mohd Sohail
45.	4AL19CV409	Nagabhushana K R
46.	4AL19CV410	Naveen M
47.	4AL19CV411	P Manoj Prabhakar
48.	4AL19CV412	Prabhu D.P.
49.	4AL19CV413	Sushanth J Bungera
50.	4AL19CV414	Swati
51.	4AL19CV415	Vinay Basavaraj Gudiyal

CIRCULAR

IV (2015/2017 Scheme students only) and VI semester students are hereby informed to give their elective subject options to their respective class coordinators before 20/08/2020, for the upcoming semester.

Elective subject and faculty handling the elective subject details are given below:

- 1) IV semester students shall propose **ONE** elective subject each from **Professional Elective 1** and **open elective 1**.
- 2) VI semester students shall propose **ONE** elective subject each from **Professional elective 3** and **Professional elective 4**
- 3) Following is the elective subject allotment criteria:
 - a) Minimum number of students for one elective subject for VI semester is 40.
 - b) Minimum number of students for one elective subject for VIII semester is 30.
 - c) Maximum number of student is full class strength.
- 4) Elective subjects once opted cannot be changed in future.

VI SEMESTER GROUP – ELECTIVE SUBJECT OPTIONS & FACULTY

SL. NO.	GROUP	SUBJECT CODE	SUBJECT TITLE	FACULTY
01	Professional Elective 3	17/15CV741	Design of Bridges	Prof. Arun Kumar G S
02		17/15CV742	Ground water & hydraulics	Dr. H G Umeshchandra
03		17/15CV743	Design Concept of Building Services	Ms. Tanvi Rai A
04	Professional Elective 4.	17/15CV751	Urban Transportation and Planning	Mr. Shankargiri K S
05		17/15CV753	Rehabilitation and Retrofitting of Structures	Ms. Anush Rao B



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

V SEMESTER GROUP - ELECTIVE SUBJECT OPTIONS & FACULTY

SL. NO.	GROUP	SUBJECT CODE	SUBJECT TITLE	FACULTY
01	Professional Elective 1	17/15CV551	Air pollution and Control	Mr. Ashish Shetty
02		17/15CV553	Masonry Structures	Mr. Arun Kumar G S
03	Open elective 1.	17/15CV562	Sustainability Concepts in Engineering	Mr. Billigraham M Kurian
04		17/15CV563	Remote Sensing and GIS	Dr. H G Umeshchandra

Date: 08/08/2020

HOD

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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
TOTAL				Theory:18 hours Practical and Project: 09 hours		21	420	380	800	24

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, Objectives and Methodology. CIE marks shall be based on the report covering Literature Survey, Problem identification, Objectives and Methodology and Seminar presentation skill.

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V 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	17CV51	Design of RC Structural Elements	Civil Engg.	04		03	60	40	100	4
2	17CV52	Analysis of Indeterminate Structures	Civil Engg.	04		03	60	40	100	4
3	17CV53	Applied Geotechnical Engineering	Civil Engg.	04		03	60	40	100	4
4	17CV54	Computer Aided Building Planning and Drawing	Civil Engg.	04		03	60	40	100	4
5	17CV55X	Professional Elective-1	Civil Engg.	03		03	60	40	100	3
6	17CV56X	Open Elective-1	Civil Engg.	03		03	60	40	100	3
7	17CVL57	Geotechnical Engineering Laboratory	Civil Engg.	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
8	17CVL58	Concrete and Highway Materials Laboratory	Civil Engg.	01-Hour Instruction 02-Hour Practical		03	60	40	100	2
TOTAL				Theory: 22hours Practical: 06 hours		24	480	320	800	26

Professional Elective-1		Open Elective – 1*** (List offered by Civil Engg Board only)	
17CV551	Air pollution and Control	17CV561	Traffic Engineering
17CV552	Railways, Harbours, tunneling and Airports	17CV562	Sustainability Concepts in Engineering
17CV553	Masonry Structures	17CV563	Remote Sensing and GIS
17CV554	Theory of Elasticity	17CV563	Occupational Health and Safety
		17CV563	NCC

***Students can select any one of the open electives offered by any Department (Please refer to consolidated list of VTU for open electives).

Selection of an open elective is not allowed, if:

- The candidate has no pre – requisite knowledge.
- The candidate has studied similar content course during previous semesters.
- The syllabus content of the selected open elective is similar to that of Departmental core course(s) or to be studied Professional elective(s).

Registration to open electives shall be documented under the guidance of Programme Coordinator and Adviser.

List of the Elective subject Opted by students

SL. NO.	Semester	Group	SUBJECT CODE	SUBJECT TITLE	Count
01	7	Professional Elective 3	17/15CV741	Design of Bridges	36
02			17/15CV743	Design Concept of Building Services	67
03	7	Professional Elective 4	17/15CV751	Urban Transportation and Planning	103
04	5	Professional Elective 1	17/15CV551	Air pollution and Control	07
05	6	Open elective 1	17/15CV563	Remote Sensing and GIS	07

Professional Elective 3 Student list

Subject: Design of Bridges (17/15CV741)

SL. NO	STUDENT USN	STUDENT NAME
1.	4AL16CV047	Manoj V
2.	4AL16CV067	Premkumar G J
3.	4AL16CV075	Roshan Kamath
4.	4AL15CV052	Manikanta P
5.	4AL16CV092	Sunil Kumar C K
6.	4AL17CV004	Areshwarreddy
7.	4AL17CV006	Ashwini S C
8.	4AL17CV010	Bhagyashree A K
9.	4AL17CV015	Chetan Kumar V
10.	4AL17CV018	Divakar P V
11.	4AL17CV022	Kannika M N
12.	4AL17CV025	Kavya S S
13.	4AL17CV031	M Harsha Kumar

DEPARTMENT OF CIVIL ENGINEERING

14.	4AL17CV034	Manoj G
15.	4AL17CV035	Manojkumar B
16.	4AL17CV037	Mithun Gowda B
17.	4AL17CV043	Naveena M
18.	4AL16CV049	Mohith Gowda P
19.	4AL17CV044	Nidhi S
20.	4AL17CV051	Pradeep Chandrashekhar Teggi
21.	4AL17CV063	Sharanabasappa Patil
22.	4AL17CV064	Shashank Sirsikar
23.	4AL17CV069	Soniya G S
24.	4AL17CV070	Soraisam Priyamani Devi
25.	4AL17CV078	Vedashree G
26.	4AL17CV081	Vijayalakshmi K R
27.	4AL18CV400	Chethan C G
28.	4AL18CV402	Iftikhar Ul Islam
29.	4AL18CV403	Jayalakshmi P K
30.	4AL18CV404	Malik Faisal
31.	4AL18CV405	Prabhavathi Kumbar
32.	4AL18CV407	Sathish S
33.	4AL18CV408	Shravya
34.	4AL18CV411	Tejaswini G
35.	4AL18CV413	Virupaksha R
36.	4AL18CV414	Yogesh Kumar N

Professional Elective 3 Student list

Subject: Design Concept of Building Services (17/15CV743)

SL. NO	STUDENT USN	STUDENT NAME
1.	4AL15CV009	Alivelu Abhilash
2.	4AL15CV102	Vignesh S
3.	4AL16CV010	Ashish Motgi
4.	4AL16CV014	Azgar Bilal
5.	4AL16CV033	Irom Bishwamitra Singh

6.	4AL16CV064	Prajwal H M
7.	4AL16CV081	Sanjay M M
8.	4AL16CV083	Sapam Cha Paari
9.	4AL17CV402	Sharathchandra
10.	4AL16CV112	Shreshta
11.	4AL17CV002	Adarsh M
12.	4AL17CV003	Akumtoshi T Jamir
13.	4AL17CV005	Ashwini P Chandrapattan
14.	4AL17CV007	Aspar A K
15.	4AL17CV009	Bhagyashree
16.	4AL17CV011	Bhandary Darshan Satish
17.	4AL17CV013	Bhuvan J Shetty
18.	4AL17CV016	Dhanush Hemant Kottari
19.	4AL17CV017	Dipu Laishram
20.	4AL17CV019	Gokulkrishna
21.	4AL17CV020	Hithesh P
22.	4AL17CV023	Karthik Kapse
23.	4AL17CV027	Lidise Y Sangtam
24.	4AL17CV028	Likhith B Shetty
25.	4AL17CV029	Lustre Chongtham
26.	4AL17CV030	M Advith Jain
27.	4AL17CV033	Malakanna Sharanappa Kudari
28.	4AL17CV036	Mithulesh J M
29.	4AL17CV038	Mohamed Rehan
30.	4AL17CV039	Mohammed Nadeem Shaikh
31.	4AL17CV040	Mohammed Nesar K
32.	4AL17CV041	Mohammed Valeed Ali
33.	4AL17CV042	Moshin I Bijapur
34.	4AL17CV048	P Jose Sharon
35.	4AL17CV049	Pavan M
36.	4AL17CV052	Prajwal I K
37.	4AL17CV054	Preetham S
38.	4AL17CV057	Rajkumar M Rathod
39.	4AL17CV058	Rajakumar Sanathoi
40.	4AL17CV060	Sachin Basavaraj Biradar
41.	4AL17CV061	Sagar K J
42.	4AL17CV066	Shriharsha S Taddewadi
43.	4AL17CV067	Shwethashree
44.	4AL17CV068	Somorjit

DEPARTMENT OF CIVIL ENGINEERING

45.	4AL17CV071	Srajan Das
46.	4AL17CV072	Srinivasa R
47.	4AL17CV073	Supriya S
48.	4AL17CV074	Sushmitha
49.	4AL17CV075	Tasmiya Anjum
50.	4AL17CV076	Thiyam Castro Singh
51.	4AL17CV077	Vaibhava S
52.	4AL17CV080	Vidyashree
53.	4AL17CV082	Vikas G Gowda
54.	4AL17CV083	Viraj
55.	4AL17CV084	Vishal S
56.	4AL17CV085	Vishwas K Somashekaraiah
57.	4AL17CV086	Wahengbam Aristo Singh
58.	4AL17CV087	Warepam Kishan Singh
59.	4AL17CV088	Yajnesh Madivala
60.	4AL17CV089	Yendrembam Malemnganba
61.	4AL17CV090	Yuvaraj N
62.	4AL17CV091	Naveen B M
63.	4AL17CV092	Venkatesh L
64.	4AL18CV406	Prajwal G
65.	4AL18CV409	Sunil Naik H
66.	4AL18CV410	Thejas P L
67.	4AL18CV412	Uday Rathod B M

Professional Elective 4 Student list

Subject: Urban Transportation and Planning (17/15CV751)

SL. NO	STUDENT USN	STUDENT NAME
1.	4AL15CV009	Alivelu Abhilash
2.	4AL15CV102	Vignesh S
3.	4AL16CV010	Ashish Motgi
4.	4AL16CV014	Azgar Bilal
5.	4AL16CV033	Irom Bishwamitra Singh
6.	4AL16CV047	Manoj V
7.	4AL16CV064	Prajwal H M
8.	4AL16CV067	Premkumar G J
9.	4AL16CV075	Roshan Kamath

10.	4AL16CV081	Sanjay M M
11.	4AL16CV083	Sapam Cha Paari
12.	4AL17CV402	Sharathchandra
13.	4AL15CV052	Manikanta P
14.	4AL16CV092	Sunil Kumar C K
15.	4AL16CV112	Shreshta
16.	4AL17CV002	Adarsh M
17.	4AL17CV003	Akumtoshi T Jamir
18.	4AL17CV004	Areshwarreddy
19.	4AL17CV005	Ashwini P Chandrapattan
20.	4AL17CV006	Ashwini S C
21.	4AL17CV007	Aspar A K
22.	4AL17CV009	Bhagyashree
23.	4AL17CV010	Bhagyashree A K
24.	4AL17CV011	Bhandary Darshan Satish
25.	4AL17CV013	Bhuvan J Shetty
26.	4AL17CV015	Chetan Kumar V
27.	4AL17CV016	Dhanush Hemant Kottari
28.	4AL17CV017	Dipu Laishram
29.	4AL17CV018	Divakar P V
30.	4AL17CV019	Gokulkrishna
31.	4AL17CV020	Hithesh P
32.	4AL17CV022	Kannika M N
33.	4AL17CV023	Karthik Kapse
34.	4AL17CV025	Kavya S S
35.	4AL17CV027	Lidise Y Sangtam
36.	4AL17CV028	Likhith B Shetty
37.	4AL17CV029	Lustre Chongtham
38.	4AL17CV030	M Advith Jain
39.	4AL17CV031	M Harsha Kumar

DEPARTMENT OF CIVIL ENGINEERING

40.	4AL17CV033	Malakanna Sharanappa Kudari
41.	4AL17CV034	Manoj G
42.	4AL17CV035	Manojkumar B
43.	4AL17CV036	Mithulesh J M
44.	4AL17CV037	Mithun Gowda B
45.	4AL17CV038	Mohamed Rehan
46.	4AL17CV039	Mohammed Nadeem Shaikh
47.	4AL17CV040	Mohammed Nesar K
48.	4AL17CV041	Mohammed Valeed Ali
49.	4AL17CV042	Moshin I Bijapur
50.	4AL17CV043	Naveena M
51.	4AL16CV049	Mohith Gowda P
52.	4AL17CV044	Nidhi S
53.	4AL17CV048	P Jose Sharon
54.	4AL17CV049	Pavan M
55.	4AL17CV051	Pradeep Chandrashekhar Teggi
56.	4AL17CV052	Prajwal I K
57.	4AL17CV054	Preetham S
58.	4AL17CV057	Rajkumar M Rathod
59.	4AL17CV058	Rajakumar Sanathoi
60.	4AL17CV060	Sachin Basavaraj Biradar
61.	4AL17CV061	Sagar K J
62.	4AL17CV063	Sharanabasappa Patil
63.	4AL17CV064	Shashank Sirsikar
64.	4AL17CV066	Shriharsha S Taddewadi
65.	4AL17CV067	Shwethashree
66.	4AL17CV068	Somorjit
67.	4AL17CV069	Soniya G S
68.	4AL17CV070	Soraisam Priyamani Devi
69.	4AL17CV071	Srajan Das
70.	4AL17CV072	Srinivasa R

71.	4AL17CV073	Supriya S
72.	4AL17CV074	Sushmitha
73.	4AL17CV075	Tasmiya Anjum
74.	4AL17CV076	Thiyam Castro Singh
75.	4AL17CV077	Vaibhava S
76.	4AL17CV078	Vedashree G
77.	4AL17CV080	Vidyashree
78.	4AL17CV081	Vijayalakshmi K R
79.	4AL17CV082	Vikas G Gowda
80.	4AL17CV083	Viraj
81.	4AL17CV084	Vishal S
82.	4AL17CV085	Vishwas K Somashekaraiah
83.	4AL17CV086	Wahengbam Aristo Singh
84.	4AL17CV087	Warepam Kishan Singh
85.	4AL17CV088	Yajnesh Madivala
86.	4AL17CV089	Yendrembam Malemnganba
87.	4AL17CV090	Yuvaraj N
88.	4AL17CV091	Naveen B M
89.	4AL17CV092	Venkatesh L
90.	4AL18CV400	Chethan C G
91.	4AL18CV402	Iftikhar Ul Islam
92.	4AL18CV403	Jayalakshmi P K
93.	4AL18CV404	Malik Faisal
94.	4AL18CV405	Prabhavathi Kumbar
95.	4AL18CV406	Prajwal G
96.	4AL18CV407	Sathish S
97.	4AL18CV408	Shravya
98.	4AL18CV409	Sunil Naik H
99.	4AL18CV410	Thejas P L
100.	4AL18CV411	Tejaswini G
101.	4AL18CV412	Uday Rathod B M

DEPARTMENT OF CIVIL ENGINEERING

102.	4AL18CV413	Virupaksha R
103.	4AL18CV414	Yogesh Kumar N

Professional Elective 1 Student list

Subject: Air pollution and Control (17/15CV551)

SL NO	USN	STUDENT NAME
1	4AL16CV020	Boriskhaidem
2	4AL16CV025	Darshan M
3	4AL16CV069	Raghavendra B M
4	4AL17CV008	Basavanagouda M H
5	4AL17CV012	Bhushan S
6	4AL17CV047	Om Prakash
7	4AL18CV401	Hari Prasad R

Open Elective 1 Student list

Subject: Remote Sensing and GIS (17/15CV551)

SL NO	USN	STUDENT NAME
1	4AL16CV020	Boriskhaidem
2	4AL16CV025	Darshan M
3	4AL16CV069	Raghavendra B M
4	4AL17CV008	Basavanagouda M H
5	4AL17CV012	Bhushan S
6	4AL17CV047	Om Prakash
7	4AL18CV401	Hari Prasad R

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PROFESSIONAL ELECTIVE-1 STUDENT LIST

6th - A Semester

Subject Name: Alternate Building Materials

Subject Code: 18CV643

Sl. No.	USN	Name of the Student
1	4AL17CV026	KIRAN SAGAR K
2	4AL18CV004	AKARSH K
3	4AL18CV019	MOHAMMED AFREEN
4	4AL18CV022	MOHAMMED ZAINUDDIN
5	4AL18CV024	NAVEEN K S
6	4AL18CV027	NITESH SEETARAM NAIK
7	4AL18CV031	RANJAN RAO
8	4AL18CV033	SAIROCHANA P S
9	4AL18CV045	SUNIL
10	4AL19CV401	ASRAR UL FAYAZ BHAT
11	4AL19CV402	FAIZANA ISHAQ
12	4AL19CV403	HARISH J.K.
13	4AL19CV404	HARISHA R.
14	4AL19CV407	MOHAMMED RAIHAN
15	4AL19CV408	MOHD SOHAIL
16	4AL19CV409	NAGABHUSHANA K R
17	4AL19CV413	SUSHANTH J BUNGERA
18	4AL19CV414	SWATI


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Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

PROFESSIONAL ELECTIVE-1 STUDENT LIST

6th - A Semester

**Subject Name: Railway, Harbours, Tunnelling &
Airports**

Subject Code: 18CV645

Sl. No.	USN	Name of the Student
1	4AL17CV050	PAVAN GOWDA K.C
2	4AL18CV002	ABHISHEK ANIL NAMBIAR
3	4AL18CV003	ABHISHEK POTADAR
4	4AL18CV005	AKASH PATIL
5	4AL18CV006	AMOGHA H
6	4AL18CV007	ARADHYA V MATHAD
7	4AL18CV008	ARUN KAGALGOMB
8	4AL18CV009	ARUN KUMAR SHEKAPPA
9	4AL18CV010	ARVIN YUMNAM
10	4AL18CV011	BASANAGOUDA
11	4AL18CV012	CHANNABASAVA
12	4AL18CV013	DHANANJAY A N
13	4AL18CV015	KAVYA H P
14	4AL18CV016	KUSHANTH C
15	4AL18CV017	M SANJAY
16	4AL18CV018	MANJUNATH G Y
17	4AL18CV025	NEHA N RATHOD
18	4AL18CV032	SAGOLSBEM SHERLOCK
19	4AL18CV034	SAJJALASHRI V DEVAPUR

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20	4AL18CV035	SANGEETA
21	4AL18CV036	SHEETAL P TALAKERI
22	4AL18CV037	SHILPA NAIK
23	4AL18CV038	SHIVAKUMAR
24	4AL18CV041	SHREEGANESH G R
25	4AL18CV043	SREERAM S
26	4AL18CV044	SAMUKCHAM NONGYENG
27	4AL18CV046	SUPREETH V
28	4AL18CV047	VINOD KUMAR LAISHRAM
29	4AL18CV049	YESHWANTHI B A
30	4AL18CV050	KUMAR M R
31	4AL19CV400	AKASH SHETTY
32	4AL19CV405	HARSHAVARDHANA H
33	4AL19CV406	LOKESH S
34	4AL19CV410	NAVEEN M
35	4AL19CV411	P MANOJ PRABHAKAR
36	4AL19CV412	PRABHU D.P.
37	4AL19CV415	VINAY BASAVARAJ GUDIYAL



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