



KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

K.S. GROUP OF INSTITUTIONS
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

#15, Mallasandra, Near Vajarahalli, Off. Kanakapura Road, Bengaluru - 560 109



OBSERVATION BOOK

NAME : Shelpa Srinan

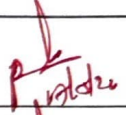
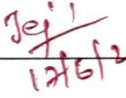
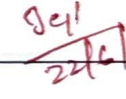
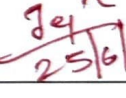
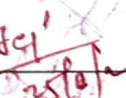
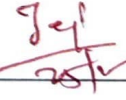
SEM / BRANCH : 6th Civil Engineering

SUBJECT & CODE : 16CVL66

USN :

1	K	G	2	2	C	V	4	0	9
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CONTENTS AND EVALUATION

Sl.No.	Date of conducting Experiment	Page No.	Title of the Experiment	Assessment for conducting experiment 10 Marks	Signature of Staff with Date
1	17/05/2024	1	Simply Supported Beam	09	 17/05/24
2	17/05/2024	2	Cantilever beam	09	 17/05/24
3	23/06/24	3	Continuous beam	10 } 10 }	 23/6/24
4	05/7/24	4	one way slab	10 }	
5	05/7/24	5	two way slab	10 } 10 }	 24/6/24
6	12/7/24	6/7	Continuous Slab	10 }	
7	13/7/24	8/9	Cantilever Retaining wall	10 } 10 }	 25/6/24
8	13/7/24	10	Beam to Beam framed Bolted	10 }	
9	16/7/24	11	Beam TO Beam framed welded	10 } 10 }	 25/6/24
10	16/7/24	12	Beam to Column Framed Bolted	10 }	
11	23/7/24	13	Beam to Column Framed welded	10 } 10 }	 25/7/24
12	23/7/24	14	column Splice (Equal Section)	10 }	

10/10
see



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PRACTICAL RECORD BOOK

NAME : Shelpha Rajan

Class : Civil Engineering (6th Sem)

Lab : Computer aided Drafting of Structures

USN :

7	6	6	2	2	C	V	2	0	9
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Laboratory Certificate

This is to certify that

Mr. / Ms. Shilpa Sajjan
has satisfactorily completed the course of experiment in
computer aided Detailing of Structures lab Laboratory, Code 21CVL66
Prescribed by Visvesvaraya Technological University, Belagavi
for the 6th Semester B.E. Civil branch in this
college during in the academic year 20 23 - 20 24.

Name of the Candidate : Shilpa Sajjan
USN : 16B22CV409 Lab (with code) 21CVL66

Marks	
Maximum	Obtained
50	49

Date : 5/8/2024

Jejas
Signature of the
Teacher
Wakke

Professor & Head
Dept. of Civil Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bangalore-560 062.

Particulars of the Experiments Performed

CONTENTS

Expt. No.	Date	Title of the Experiment	Page No.	Marks Awarded	Remarks
01	17/05/2024	Simply Supported Beam	01/02	20	19
02	17/05/2024	Cantilever Beam	03/04	20	19
03	24/5/24	Continuous Beam	5/6	20	19
04	5/7/24	one way slab	7/8	20	19
05	8/07/24	two way slab	9/1	19	19
06	12/07/24	Continuous slab	10/11	20	19
07	12/07/24	Controlled Retaining wall	12/	20	19
08	13/07/24	Beam to Beam framed Bolted	13	20	19
09	13/07/24	Beam to Beam framed welded	14	19	19
10	16/07/24	Beam to column framed welded Bolted	15	20	19
11	16/07/24	Beam to column framed welded	16	19	19
12	23/07/24	Column Splice (equal Section)	17	20	19
13	23/07/24	Column Splice (unequal Section)	18	20	19

$$\frac{20}{20} + \frac{19}{20} + \frac{10}{15} = \frac{49}{50}$$

CONTENTS

[illegible]



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PRACTICAL EXAMINATION / PROJECT VIVA- VOCE

Course/Branch: Civil Engineering (osem)

1 6 6 2 2 C V 4 0 9
University Seat Number

Subject: Lab Computer
Detailing of Structural Lab

Subject Code: 2 1 C V L 6 6

Total number of supplements tied together: 1 + 1 = 2 Date 0 5 0 8 2 0 2 4
D D M M Y Y Y Y

Sprajna

Signature of the Candidate

Entries to be made by the examiners

SCHEME OF AWARDING MARKS

Practical Examination

- a. Procedure & write up : 15% of Max. Marks
b. Conducting the practicals, Calculations, Graphs, Results, etc., : 70% of Max. Marks
c. Viva-voce : 15% of Max. Marks

Project viva -voce

- a. Project Work : 40% of Max .Marks
b. Presentation : 30% of Max .Marks
c. Viva-voce : 30% of Max .Marks

Question Number	Marks Awarded			
	a	b	c	d
1				15
2				20
3				15
4				

Total Maximum Marks :

100

Total Marks obtained : 100

Marks awarded in words :

Zero

Two

Zero

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Total Maximum Marks :

Total Marks obtained :

Marks awarded in words :

Examiner I

Name

: Tejashwini M L

Signature with Date :

Tejashwini M L

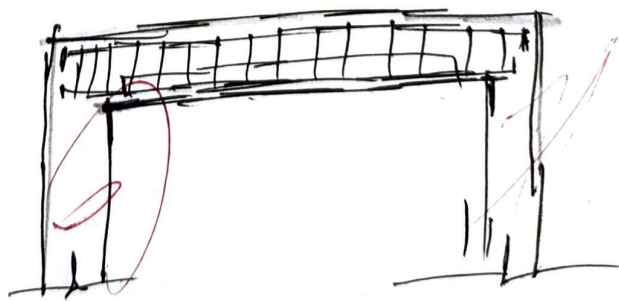
Examiner II

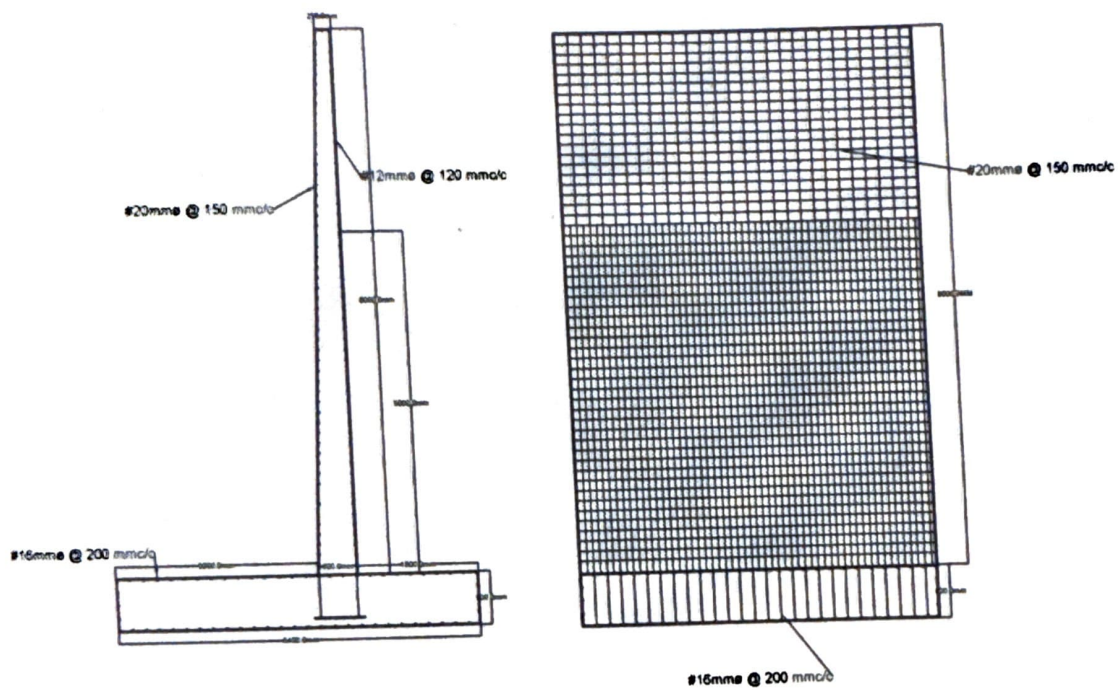
SHASHI KUMAR N

Shashi Kumar N

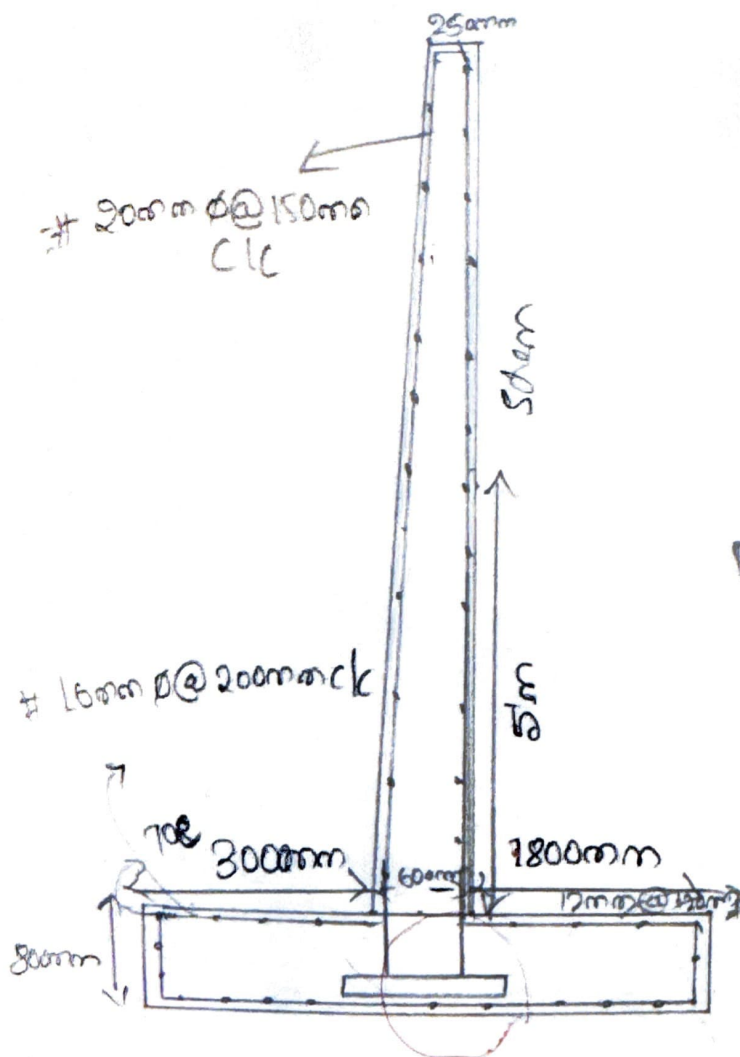
7) Height of the Soil to be retained is 8m. Stem Tapers from 250mm to 600mm with the width of the heel is 3m and toe being 1.8mm thick with the depth of footing of 800mm. It is reinforced with 20mm bars @ 150mm c/c in the stem and 16mm bars @ 200mm c/c in the toe, use 12mm dia. @ 120mm c/c as a distribution bars.

The main bars in the stem is curtailed at the height of 5m from the base of the footing. Detail the cantilever retaining wall for the above details





NAME	shilpa sajjan
USN	1KG22CV409



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